

IUPAC2017
São Paulo, Brazil

46th World Chemistry Congress
40^a Reunião Anual da Sociedade Brasileira de Química

JULY 9 TO 14, 2017 - SÃO PAULO - BRAZIL

IUPAC 49th General Assembly

JULY 7 TO 13, 2017 - SÃO PAULO - BRAZIL

SUSTAINABILITY & DIVERSITY THROUGH CHEMISTRY



PROGRAMME



Research in Germany

at the 46th IUPAC World Congress

Looking for research opportunities? Find out what the land of ideas has to offer!



 At the *Research in Germany* booth (28A) you can get information and individual consultation on research opportunities such as summer schools, post-graduate and PhD courses, post-doc positions, scientific cooperation as well as fellowships and funding programs.

 The German Research Foundation (DFG), the German Academic Exchange Service (DAAD) and the Alexander von Humboldt Foundation (AvH) will promote a **Science Lunch** to be held on

Tuesday, July 11th, from 12:35 to 14:20 at Sala São Paulo.

Five researchers from different German institutions will give an insight into the country's research landscape and present their own research work. Following an introduction of the scientists and brief presentations of the participating funding organizations, attendees will have the chance to mingle in different groups, chat on a one-to-one basis and seek in-depth advice in a relaxed atmosphere.



Please register: <http://bit.ly/ScienceLunch>

The event is free of charge and includes food and beverages. We look forward to seeing you there!

About us

Research in Germany is an initiative launched by the German Federal Ministry of Education and Research with the aim to inform students and researchers from all over the world about the German research landscape, its funding system and the collaboration opportunities with German scientists and research organizations.

Research in
Germany

Land of Ideas

DFG
DAAD


Alexander von Humboldt
Stiftung/Foundation



Message from IUPAC - International Union of Pure and Applied Chemistry

On behalf of the International Union of Pure and Applied Chemistry, it is my utmost pleasure to greet all the delegates as well as the honorable guests of the 46th World Chemistry Congress 2017 and the 49th General Assembly. It is a pleasure to see that, in our 98th year, approaching our Centenary in 2019, our members and activities are focused on the future of chemistry. It gives me confidence for the future and that our Union will continue to be an indispensable resource to chemistry worldwide.

IUPAC2017 will be first time the World Chemistry Congress and General Assembly is hosted in the South America. After a memorable WCC and GA in Busan, Korea, we are this year looking forward to gathering together in São Paulo, Brazil.

The main theme of this congress is «**Sustainability and Diversity through Chemistry**». IUPAC's core values reflect our focus on diversity and inclusiveness and our mission reflects our efforts to benefit humankind and the world. The congress program incorporates many of the key components related to sustainability and the role of chemistry in achieving Sustainable Development Goals set by the UN.

I would also like to congratulate the Brazilian Chemical Society-SBQ on their 40th Anniversary and encourage everyone to participate in the Commemorative Symposium and celebration on July 12th, 2017.

The World Trade Center in Sao Paulo will be the place for the IUPAC 49th General Assembly and all the union's associated meetings in the Divisions and Standing Committees. It is also the place where the 49th Council meeting will be held, hosting delegates from 44 countries.

I am sure you will attend many scientific sessions during the WCC to learn about the state of chemical science and hear Nobel Prize winners and renowned scientists during the Plenary sessions. A number of special symposia and round-tables will be held including the Young Researchers Symposia and Panel discussions dedicated to the role of women in chemical science and technology. As we gather together with familiar colleagues, the WCC is also an opportunity to network with new people, early career scientists and young observers.

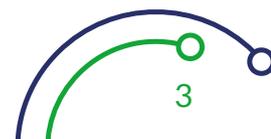
So I encourage you to visit the exhibition and attend the social events. I am looking forward to meet you all and I do hope that all of our Member Nations will be able to participate.

Looking forward to seeing you in São Paulo, Brazil.



Prof. Natalia Tarasova

President, IUPAC



Message from SBQ - Sociedade Brasileira de Química

Dear Colleagues,

On behalf of the Brazilian Chemical Society (SBQ), we would like to welcome you to São Paulo for the 46th IUPAC World Chemistry Congress and 40th Annual Meeting of the Brazilian Chemical Society.

The Brazilian Chemical Society was founded in 1977 and nowadays it is one of the largest and most representative scientific associations in Latin America. The SBQ Annual Meeting, which occurs every year since its founding, has been most traditional event in chemistry in Brazil and among the largest in Latin America. In 2017 we are very proud and enthusiastic to celebrate the 40th anniversary of our society, and as a gift for the Brazilian Chemistry community, we got the privilege to organize the most important global event in Chemistry, the IUPAC World Chemistry Congress, coming by the first time to Latin America, together with the traditional Annual Meeting of the SBQ.

An important characteristic of the SBQ Meetings is the expressive participation of Brazilian young chemists. The opportunity to share experience with young talents from different cultures, as well as to meet seniors and well-established chemists from across the globe, is one of the many facets that makes this event so fascinating. The multi-cultural and cosmopolite city of São Paulo is the perfect scenario for it.

We would like to acknowledge the organizing and scientific committees that bring us this exciting meeting with a high level scientific program. We sincerely hope that you enjoy the meeting and find in it a forum for true and rich scientific exchange and inspiration for your future work.



Aldo J.G. Zarbin

President, SBQ



Rossimirian P. Freitas

General Secretary, SBQ

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USP
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LOCAL COMMITTEE

Luiz F. Silva Jr (*in memoriam*)

USP

Luiz Henrique Catalani

USP
Coordinator

Pedro Henrique Camargo Cury

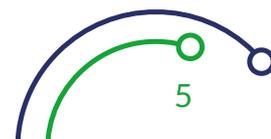
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Roberto Torresi

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Coordinator

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Brazil



VENUE AND DATE

IUPAC 49th General Assembly: July 7th to July 13th

46th World Chemistry Congress: July 9th to July 14th

40^a Reunião da Sociedade Brasileira de Química: July 12th

WTC Events Center

Av. Nações Unidas, 12551 - Cidade Monções

São Paulo - Brazil

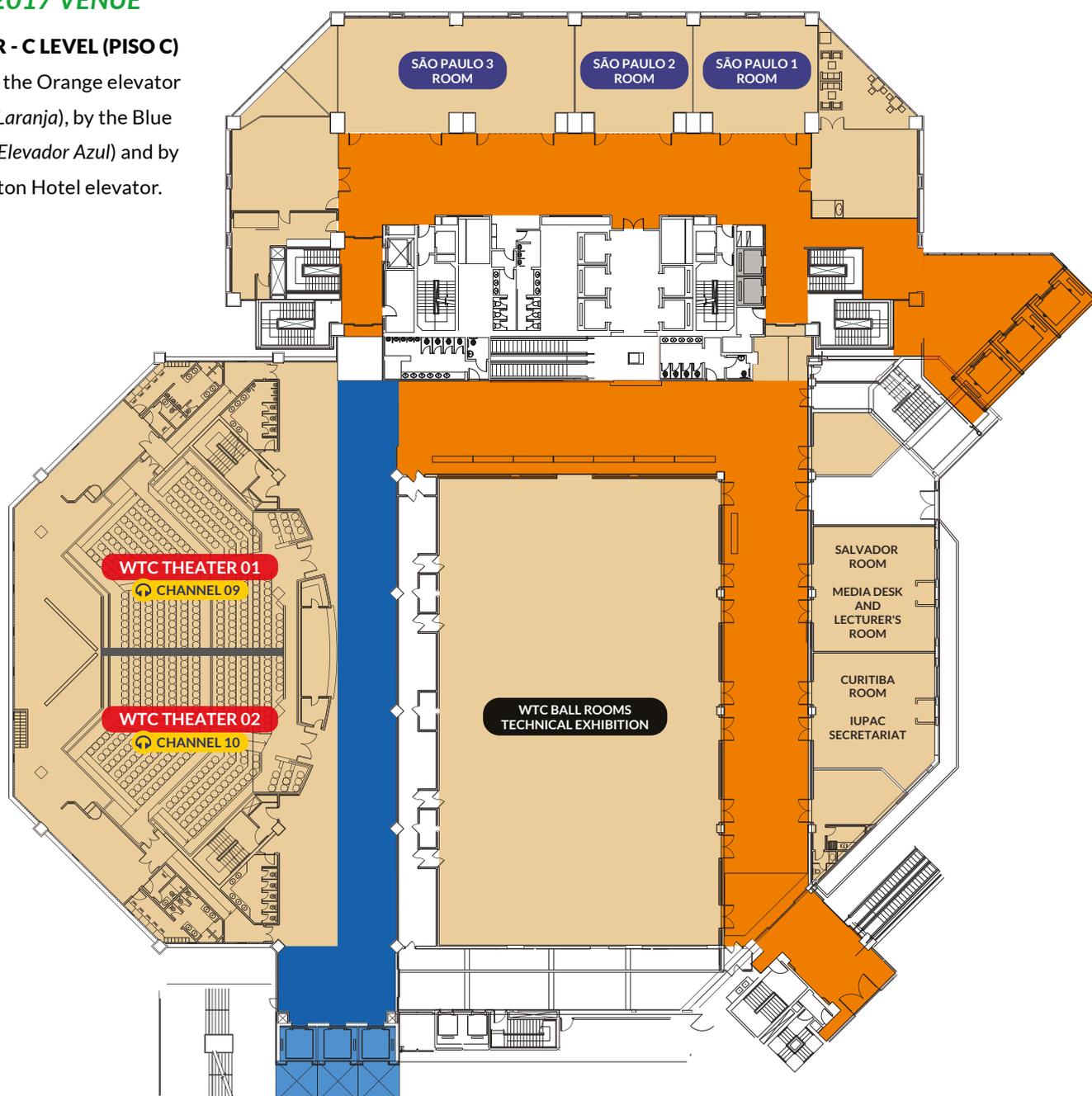
General INFORMATION

IUPAC 2017 VENUE

3rd FLOOR - C LEVEL (PISO C)

Access by the Orange elevator (Elevador Laranja), by the Blue elevator (Elevador Azul) and by the Sheraton Hotel elevator.

C Level

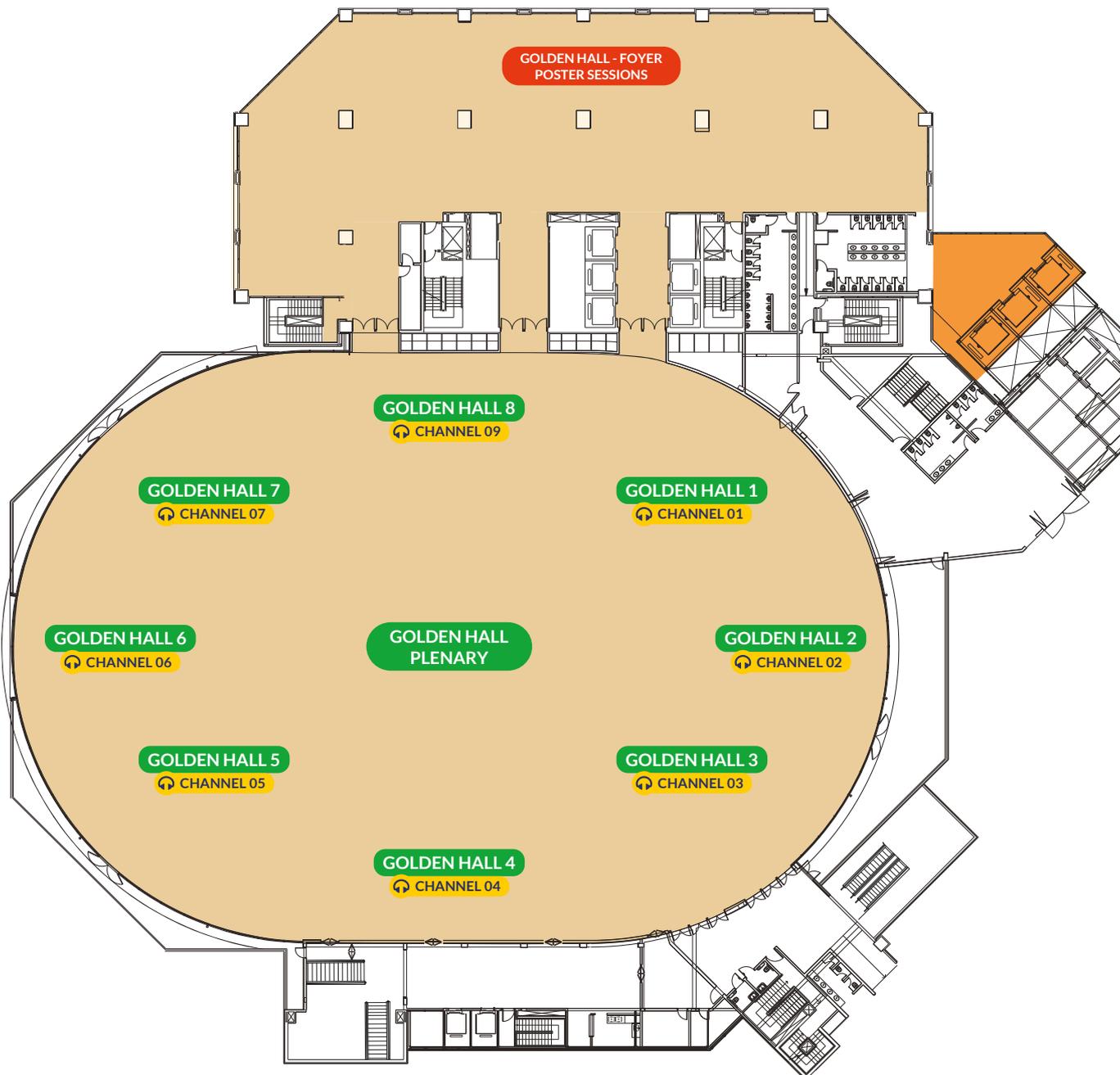


5TH FLOOR - GOLDEN HALL

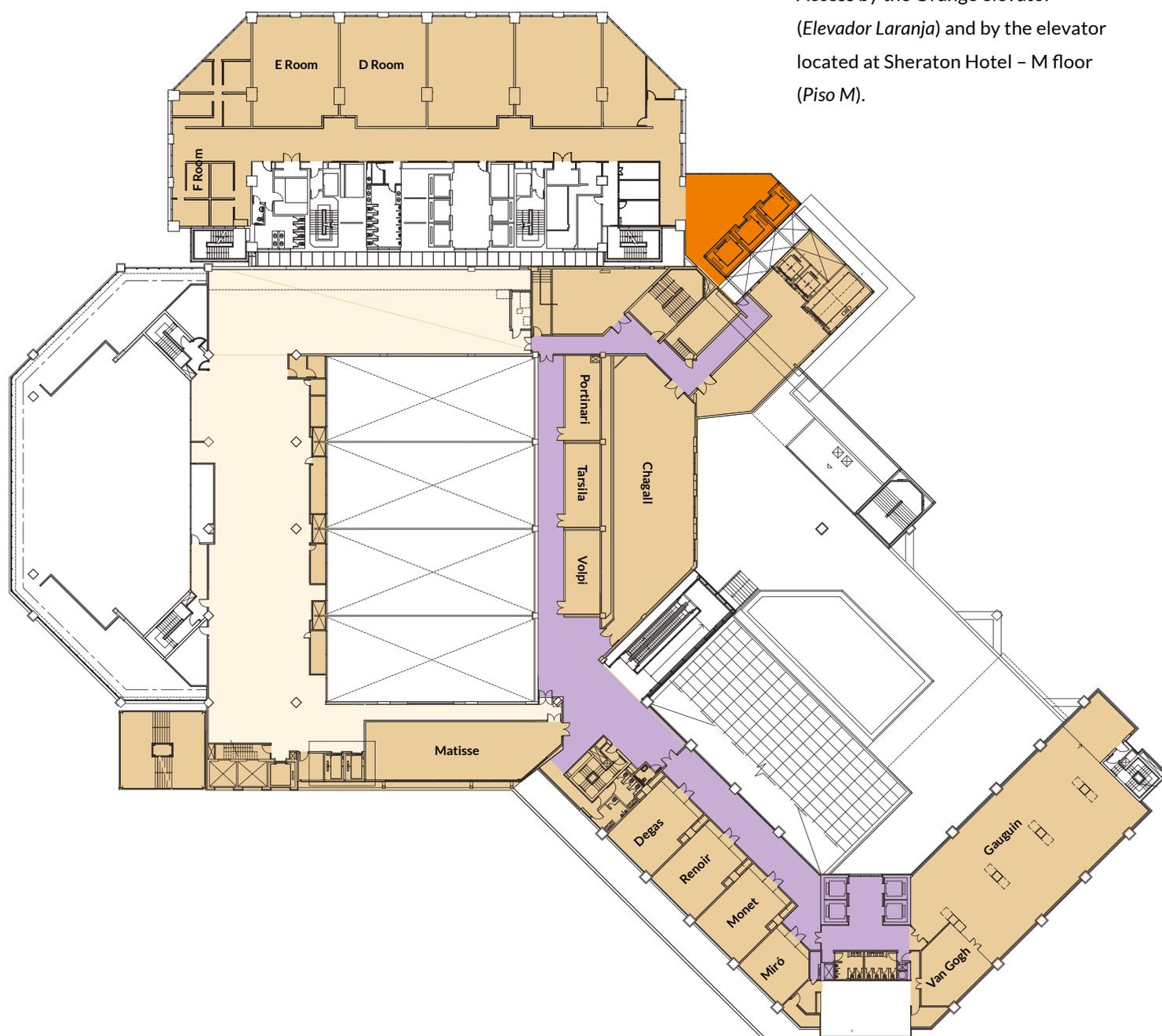
Access by the Orange elevator

(Elevador Laranja)

C5 Level



M Level - WTC Forum



4th FLOOR

Access by the Orange elevator (*Elevador Laranja*) and by the elevator located at Sheraton Hotel – M floor (*Piso M*).

EXHIBITOR ATTENDANCE CENTER (CAEx)

To attendance of sponsors and exhibitors, stand assembly companies and others service providers to the Technical Exhibition of IUPAC 2017.

At the Exhibitor Attendance Center the extras exhibitor badges can be ordered and all the necessary information for booth assembly.

Located at 3rd floor, C level (*Piso C*), of WTC Events Center, at the hall of Ball Rooms.

Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

Opening hours - Exhibitor Attendance Center

Sunday - July 9, 2017: from 08:00 to 20:00

Monday - July 10, 2017: from 08:00 to 20:00

Tuesday - July 11, 2017: from 08:00 to 20:00

Wednesday - July 12, 2017: from 08:00 to 20:00

Thursday - July 13, 2017: from 08:00 to 20:00

Friday - July 14, 2017: from 08:00 to 20:00

REGISTRATION DESK

There are two registration desks for participants and attendees at the venue:

- **Pre-registered:** to attendance of the participants who have made the registration to the IUPAC 2017 activities in advance
- **New registrations:** to attendance of the participants who have made the registration to the IUPAC 2017 activities in advance.

The payment of the registrations is only accepted in Reais (Brazilian currency) or credit card.

No other currency in cash will be accepted.

Both registrations desks are located at 3rd floor, C level, of WTC Events Center, at the hall of Ball Rooms.

Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

Opening hours - Registration Desk

Sunday - July 9, 2017: from 08:00 to 20:00

Monday - July 10, 2017: from 08:00 to 19:00

Tuesday - July 11, 2017: from 08:00 to 19:00

Wednesday - July 12, 2017: from 08:00 to 19:00

Thursday - July 13, 2017: from 08:00 to 19:00

Friday - July 14, 2017: from 08:00 to 12:00

SIMULTANEOUS TRANSMISSION HEADPHONES DESK

The activities that will take place in WTC Theater and in Golden Hall will be presented in simultaneous sessions. The participants of these activities should use headphones to listen to the chosen lecture, by selecting the audio channel corresponding to the audio track of the activity.

The headphones will be available at the desk located at 3rd floor, C level, of WTC Events Center, at the hall of WTC Theater. By the time the participant withdraw the headphone, a document will be asked as a guarantee of the returning of the equipment.

Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

OFFICIAL TRAVEL AGENCY – HARDY TOURS

Hardy Tours will attend throughout the event to assist in:

- **Air tickets and hotels reservations**
- **Air tickets and hotels confirmations**
- **Pre and post congress tours**

Located at 3rd floor, C level, of WTC Events Center, at the hall of Ball Rooms, near to Registration Desk.

Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

MEDIA DESK AND LECTURERS ROOM

IUPAC 2017 computers of the the media desk are networked. The authors and lecturers should download their files in only one spot, the Media Desk, that will be open to attendance in the same period of the Registration Desk.

Sunday - July 9, 2017: from 08:00 to 20:00

Monday - July 10, 2017: from 08:00 to 19:00

Tuesday - July 11, 2017: from 08:00 to 19:00

Wednesday - July 12, 2017: from 08:00 to 19:00

Thursday - July 13, 2017: from 08:00 to 19:00

Friday - July 14, 2017: from 08:00 to 11:00

The files should be downloaded at the Media Desk at least one hour prior to the presentation time. The use of notebooks in the presentation of the technical sessions is not allowed.

Located at 3rd floor, C level, of WTC Events Center, at the hall of Ball Rooms.

Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.



thermoscientific

Users Meeting Thermo Fisher Scientific: Inovações e avanços tecnológicos em Cromatografia e Espectrometria de Massas

Data e Horário: Quarta-Feira, 12 de julho de 2017 das 14h00 – 18h00

Sala: Matisse

Para maiores informações, visite o estande da Thermo Fisher Scientific (espaço 28).

PRESENTATIONS AND LECTURES

It is of utmost importance that the speakers and authors comply with the time for presentation and, to help in this, there will be a chronometer in the screen. Besides, the chairs and the co-chairs of the sessions are instructed to be strict so there are no delays in scheduling.

POSTER SESSIONS

The poster presentation will be held at foyer of Golden Hall, 5th floor. Access by the Orange elevator (Elevador Laranja).

Authors are responsible for the assembly and disassembly of their work in specified areas. Thanks for the cooperation with this. Posters must be displayed from 09:00 AM on the day of the presentation, and should be withdraw after the end of the poster session.

INTERNET

The access to internet wireless is free.

Login: iupac2017

Password: iupac2017

PARKING LOT

There is an underground parking lot in the WTC Events Center. Each attendee is entitled to the payment of the usage of the parking lot.

FIRST AID

There is an ambulance for emergency removal and first aid care to attend the participants of IUPAC 2017. In case of need contact the Secretariat of the event.

IUPAC 2017 SOCIAL ACTIVITIES

July 9, Sunday, 19h00

Welcome Reception to the participants of IUPAC 2017, at the 3rd floor, C level, at the lobby and at the technical exhibition area. All the participants of the event are invited to enjoy a pleasant moment and ideal for networking.

Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

July 13, Thursday, 20h00

Gala Dinner of the participants of IUPAC 2017 at Coco Bambu Restaurant, located at Av. Antônio Joaquim de Moura Andrade, 737 - Vila Nova Conceição, São Paulo.

The tropical northeast of Brazil is the natural inspiration and backdrop of an original and successful culinary concept. Coco Bambu offers a unique brand experience. Fresh, Exotic, Original, Natural and Contemporary.

PROGRAMME

IUPAC 49th General Assembly - July 7 to 13, 2017

WTC Events Center. Access by the Orange elevator – 4th floor (*Elevador Laranja*) and by the elevator located at Sheraton Hotel – M floor (Piso M).

IUPAC 49th General Assembly – Council Meeting - July 12 to 13, 2017

Vivaldi room - Yellow elevator (*Elevador Amarelo*) - C2 floor of WTC Events Center.

To access the Vivaldi room, the participant must go mandatorily to the 3rd floor, there is no other access than the Yellow elevator (*Elevador Amarelo*). The access to the Yellow elevator (*Elevador Amarelo*) is in the 3rd floor (right in front of the Orange elevator – *Elevador Laranja*) or in the ground floor of WTC.

40^a Reunião Anual da Sociedade Brasileira de Química – July 12, 2017 – from 14:20 to 18:40

WTC Theater - 3rd floor, C level, of WTC Events Center. Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

São Paulo rooms - 3rd floor, C level, of WTC Events Center. Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

Golden Hall – 5th floor. Access by the Orange elevator (*Elevador Laranja*).

46TH World Chemistry Congress - July 9 to 14, 2017

WTC Theater - 3rd floor, C level, of WTC Events Center. Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

São Paulo rooms - 3rd floor, C level, of WTC Events Center. Access by the Orange elevator (*Elevador Laranja*), by the Blue elevator (*Elevador Azul*) and by the Sheraton Hotel elevator.

Golden Hall – 5th floor. Access by the Orange elevator (*Elevador Laranja*).

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IUPAC General Assembly schedule

	Room	F	E	D	Portinari	Tarsila	Volpi	Chagall	Matisse	Degas	Renoir	Monet	Miró	Van Gogh	Gauguin	Vivaldi
Friday	July 7 09:00 12:30			Division VIII Task Group												
	July 7 13:00 17:30			Division VIII Task Group						Garson-Project Mtg.						
Saturday	July 8 Early 8:00 9:00								DP/DVP/STC/VC/ Secty briefing							
	July 8 09:00 12:00			Division VIII	Division I	Division II	Division III	Young Observ- ers Briefing	Division IV		Division VI	Division V	Division VII			
	July 8 13:00 17:30			Division VIII	Division I	Division II	Division III		Division IV		Division VI	Division V	Division VII			
Sunday	July 9 08:00 12:00	CHEMRAWN	IYCN	Division VIII	Division I	Division II	Division III	CCE	Division IV	COCI	Division VI	Division V	Division VII	CPCDS	ICTNS	
	July 9 13:00 16:30	CHEMRAWN	ICGCSD	Division VIII	Division I	Division II	Division III	CCE		COCI	Division VI	Division V	Division VII	CPCDS	ICTNS	
Monday	July 10 09:00 12:00	CHEMRAWN	ICGCSD	Interdivisional Sub (205) Materials			Division IV SC SPT	CCE	COCI-STP	Division VII SC (Duffus)	Division IV SC SPT		Division IV SC SPT	CPCDS	ICTNS	
	July 10 13:30 Various	CHEMRAWN	ICGCSD				Division IV SC SPT	until 15:00	COCI-STP	Division VII SC (Duffus)	Division IV SC SPT	IUPAC100	Division IV SC SPT	SCDS	ICTNS	
	July 10 Evening 16:00 18:00							WCLM- Networking							PAC EAB	
Tuesday	July 11 8:00 11:00 11:00 13:00	Project (Shaw)	Project (Kinnan/ Chalk) Gold Book		PC	EVC MRC	Division IV SC SPT	WCLM- Workshop	Division Presidents 11:00 - 13:00	Division IV SC Polymer Ed	Division IV SC SPT	Commission I.1	Division IV SC SPT			
	July 11 14:00 18:00						Division IV SC SPT		Bureau		Division IV SC SPT	Commission I.1	Division IV SC SPT			
Wednesday	July 12 mor- ning				IUPAC-SOLVAY Award	Division IV SC SPT	Division IV SC SPT	WCLM-Plenary			Division IV SC SPT			Project Hibbert Orange book		
	July 12 after- noon					Division IV SC SPT	Division IV SC SPT		14h20 - 18h00 Thermo Fisher Scien- tific Users Meeting: Innovation and tech- nological advances in chromatography and mass spectrometry		Division IV SC SPT					Council Meeting

46th World Chemistry Congress schedule Sunday, 9th July

Period	São Paulo 1	São Paulo 3	WTC Theater 1 ↻ Channel 09	WTC Theater 2 ↻ Channel 10	Golden Hall 1 ↻ Channel 01	Golden Hall 2 ↻ Channel 02	Golden Hall 3 ↻ Channel 03	Golden Hall 4 ↻ Channel 04	Golden Hall 5 ↻ Channel 05	Golden Hall 6 ↻ Channel 06	Golden Hall 7 ↻ Channel 07	Golden Hall 8 ↻ Channel 08
09h30 11h30	Reunião IYCN											
14h00 16h00	Panel discussion - Future of the Chemical Sciences											
17h00 19h00	Opening session											

46th World Chemistry Congress schedule Monday, 10th July

Period	São Paulo 1	São Paulo 3	WTC Theater 1 ↻ Channel 09	WTC Theater 2 ↻ Channel 10	Golden Hall 1 ↻ Channel 01	Golden Hall 2 ↻ Channel 02	Golden Hall 3 ↻ Channel 03	Golden Hall 4 ↻ Channel 04	Golden Hall 5 ↻ Channel 05	Golden Hall 6 ↻ Channel 06	Golden Hall 7 ↻ Channel 07	Golden Hall 8 ↻ Channel 08
09h00 10h00	Plenary session											
10h00 10h20	Coffee-break at the Technical Exhibition (C Floor)											
10h20 12h35	Young researchers in Chemistry	CI	NT	EE-2	CS	MB-1	AC	GB	IC	MM	NB	
12h35 14h20	Thermo Fisher	ACS	Lunch break									
14h20 17h15	EE-1	CI	Young researchers in Chemistry	EE-2	CS	MB-1	AC	GB	IC	MM		
17h15 17h40	Coffee-break at the Technical Exhibition (C Floor)											
17h40 18h40	Plenary session											
18h40 20h00	Poster session											

46th World Chemistry Congress schedule Tuesday, 11th July

Period	São Paulo 1	São Paulo 3	WTC Theater 1 ↻ Channel 09	WTC Theater 2 ↻ Channel 10	Golden Hall 1 ↻ Channel 01	Golden Hall 2 ↻ Channel 02	Golden Hall 3 ↻ Channel 03	Golden Hall 4 ↻ Channel 04	Golden Hall 5 ↻ Channel 05	Golden Hall 6 ↻ Channel 06	Golden Hall 7 ↻ Channel 07	Golden Hall 8 ↻ Channel 08
09h00 10h00	Plenary session											
10h00 10h20	Coffee-break at the Technical Exhibition (C Floor)											
10h20 12h35	EE-1	CI	NT	EE-2	CS	MB-1	AC	GB	IC	PC	NB	CE
12h35 14h20	Research in Germany	ACS	Lunch break									
14h20 17h15	EE-1	CI	NT	EE-2	CS	MB-1	AC	GB	IC	PC	WOMEN IN CHEMISTRY	CE
17h15 17h40	Coffee-break at the Technical Exhibition (C Floor)											
17h40 18h40	Plenary session											
18h40 20h00	Poster session											

46th World Chemistry Congress schedule Wednesday, 12th July

Period	São Paulo 1	São Paulo 3	WTC Theater 1 ↻ Channel 09	WTC Theater 2 ↻ Channel 10	Golden Hall 1 ↻ Channel 01	Golden Hall 2 ↻ Channel 02	Golden Hall 3 ↻ Channel 03	Golden Hall 4 ↻ Channel 04	Golden Hall 5 ↻ Channel 05	Golden Hall 6 ↻ Channel 06	Golden Hall 7 ↻ Channel 07	Golden Hall 8 ↻ Channel 08	
09h00 10h00	Plenary session												
10h00 10h20	Coffee-break at the Technical Exhibition (C Floor)												
10h20 12h35	EE-1	Abiquim Seminar on Technology and Innovation 2017	NT	EE-2	CS	MB-1	PC	GB	IC	MM	NB	CE	
12h35 14h20	Lunch (free afternoon to IUPAC Congress)												
		Elsevier											
Period	São Paulo 1	São Paulo 2	São Paulo 3	WTC Theater 1 ↻ Channel 09	WTC Theater 2 ↻ Channel 10	Golden Hall 1 ↻ Channel 01	Golden Hall 2 ↻ Channel 02	Golden Hall 3 ↻ Channel 03	Golden Hall 4 ↻ Channel 04	Golden Hall 5 ↻ Channel 05	Golden Hall 6 ↻ Channel 06	Golden Hall 7 ↻ Channel 07	Golden Hall 8 ↻ Channel 08
14h20 16h20	40 ^a RASBQ	40 ^a RASBQ	Abiquim Seminar on Technology and Innovation 2017	40 ^a RASBQ									
16h20 16h40	Coffee break												
16h40 18h40	40 ^a RASBQ	40 ^a RASBQ	Abiquim Seminar on Technology and Innovation 2017	40 ^a RASBQ									
18h00	Assembleia Geral da SBQ												
22h00	Festa da 40 ^a RASBQ												

46th World Chemistry Congress schedule Thursday, 13th July

Period	São Paulo 1	São Paulo 3	WTC Theater 1 ↻ Channel 09	WTC Theater 2 ↻ Channel 10	Golden Hall 1 ↻ Channel 01	Golden Hall 2 ↻ Channel 02	Golden Hall 3 ↻ Channel 03	Golden Hall 4 ↻ Channel 04	Golden Hall 5 ↻ Channel 05	Golden Hall 6 ↻ Channel 06	Golden Hall 7 ↻ Channel 07	Golden Hall 8 ↻ Channel 08
09h00 10h00	Plenary session											
10h00 10h20	Coffee-break at the Technical Exhibition (C Floor)											
10h20 12h35	EE-1	Abiquim Seminar on Technology and Innovation 2017		Research Data, Big Data, and Chemistry	CS	MB-1	AC		IC	MM	NB	CE
12h35 14h20	Eastman	Lunch break										
14h20 16h20	EE-1	Abiquim Seminar on Technology and Innovation 2017	NT	Research Data, Big Data, and Chemistry	CS	MB-1	AC	GB		MM		CE
16h20 16h45	Coffee-break at the Technical Exhibition (C Floor)											
16h45 17h45	Plenary session											
17h45 19h00	Poster session											
20h00 23h00	Gala Dinner at Coco Bambu Restaurant											

46th World Chemistry Congress schedule Friday, 14th July

Period	São Paulo 1	São Paulo 3	WTC Theater 1 ↻ Channel 09	WTC Theater 2 ↻ Channel 10	Golden Hall 1 ↻ Channel 01	Golden Hall 2 ↻ Channel 02	Golden Hall 3 ↻ Channel 03	Golden Hall 4 ↻ Channel 04	Golden Hall 5 ↻ Channel 05	Golden Hall 6 ↻ Channel 06	Golden Hall 7 ↻ Channel 07	Golden Hall 8 ↻ Channel 08
09h20 11h05	EE-1				CS	MB-1	AC		PC	MM	NB	
11h05 11h25	Coffee-break at the Technical Exhibition (C Floor)											
11h25 12h25	Plenary Session											
12h25 13h25	Closing session											
13h25 14h25	Lunch for the participants at the Technical Exhibition (C Floor)											

Sunday, 9th July

09:30 - 11:30 ☉

Reunião IYCN

14:00 - 16:00 ☉

Golden Hall 📍

Panel discussion

Future of the Chemical Sciences

17:00 - 19:00 ☉

Golden Hall 📍

- Opening Address: Prof. Adriano Andricopulo
- CHAMBER CHOIR COMUNICANTUS da Escola de Comunicações e Artes da USP
Director: Prof. Dr. Marco Antonio da Silva Ramos

Mozart Camargo Guarnieri (1907 - 1993)

Vamos Aloanda (1936)

Soloists: Anne Karoline Moreira

Mirella Napolitano

Rodrigo Marin

Pedro Alves

Oswaldo Lacerda (1927 - 2011)

Romaria (1967)

Text: Carlos Drummond de Andrade (1902 - 1987)

Conductor: Fred Teixeira, doutorando.

Narrator: Marco Antonio da Silva Ramos

Ernani Aguiar (1950)

3 Motetinos nº5 (1992)

I. In nomine Jesu

II. O Felix anima

III. Justorum Animae

Claudia Helena Alvarenga (1968)

Salmo 22 (2008)

Ronaldo Miranda (1948)

Cantares (1987)

Solo: Rafaela Romam

Eduardo Gudin (1951)

- Pai Tietê (1991)

Text: Marco Antonio da Silva Ramos

- Por do sol

Arr. Carlos Menezes Jr.

Guitar: Fred Teixeira

Edu Lobo (1943)

No cordão da Saideira (1967)

Arr. Marcos Leite

Guitar: Fred Teixeira

Artistic Diretor and Principal Conductor: Prof. Dr. Marco Antonio da Silva Ramos

Assistants from the Choral Conducting Performance Program: Fred Teixeira, José Luiz Ribalta

Pianist: Enrico Ruggieri**Program Curator:** Prof. Dra. Susana Cecilia Igayara-Souza**Choral Singers****Soprano:** Ana Paula Gabriel - Anne Karoline Moreira - Elisa Medeiros - Giovanna Bueno - Luísa Freitas -Margot Lohn Kullock - Mariana Trento - Nataly Macías - Rafaela Romam. **Alto:** Alana Andrade - Amanda

Cristalle - Ana Luiza Cavali - Fernanda Lima - Mirella Napolitano - Pedro Zafre - Tereza Alvim

Bass: Enrico Ruggieri - Felipe Gazoni - Gilberto de Oliveira Ferreira - Mateus Lucena - Pedro de Paula Alves

- Declaration of Opening IUPAC 2017 – Prof. **Aldo J. G. Zarbin**
- Welcome Message (The Ministry of Science, Technology, Innovation and Communication of Brazil)
- Introduction of Ambassador H.E. Mr. Ahmet Üzümcü (by Prof. Natalia Tarasova)
- Welcome Message, Director of OPCW, **Ambassador H.E. Mr. Ahmet Üzümcü**
- IUPAC Presidents Address – Prof. **Natalia Tarasova, President**
- IUPAC-SOLVAY International Award
Prof. Natalia Tarasova, President
Prof. Richard Hartshorn, Secretary General
- Distinguished Women Award
Prof. Carolyn Ribes
Prof. Angela Wilson
- Introduction of Prof. Robert Huber (by Prof. Adriano D. Andricopulo)

Golden Hall 

Plenary Lecture

Prof. Robert Huber (Nobel Prize 1988)

Max Planck Institute of Biochemistry (Germany)

“New Ways of Vision: Beauty and Fitness for Purpose of Proteins” Max Planck Institute of Biochemistry (Nobel Prize 1988)

Monday, 10th July

09:00 - 10:00 ☉

Golden Hall 📍

Plenary Lecture**Ada E. Yonath (Nobel Prize 2009)****Weizmann Institute of Science (Israel)**

10:00 - 10:20 ☉

☕ COFFEE BREAK

10:20 - 12:35 ☉

São Paulo 1 📍

Young researchers in Chemistry

Chair: Christine Dunne

10:20 YR/IYCN INTRO - PB/CD
10:2510:25 KEYNOTE LECTURE
10:55 PROF. DR. CARLOS HENRIQUE DE BRITO CRUZ
BRINGING TALENTED RESEARCHERS FROM ANY COUNTRY TO CAREERS IN SÃO PAULO,
BRAZIL: AN OVERVIEW OF THE FAPESP'S YOUNG INVESTIGATORS AWARD PROGRAM10:55 KEYNOTE LECTURE
11:20 PROF. DR. CRISTIANO SOLEO DE FUNARI
UPDATING THE MEANING OF "HIGH - PERFORMANCE" IN LIQUID CHROMATOGRAPHY11:20 KEYNOTE LECTURE
11:45 MR. RAYMOND BORG
BREAKING BAD CHEMISTRY HABITS: ESTABLISHING A GREEN CHEMISTRY INITIATIVE11:45 KEYNOTE LECTURE
12:10 PROF. DRA. ELISAMA VIEIRA SANTOS
APPLICATION OF ELECTROKINETIC SOIL-FLUSHING PROCESSES FOR REMOVING
PETROLEUM AND METALS FROM POLLUTED SOIL12:10 KEYNOTE LECTURE
12:35 MR. TONY BOVA
STRETCHING THE APPLICATIONS OF BIOMASS: GREEN CHEMISTRY APPROACHES TO
LIGNIN-BASED RENEWABLE ELASTOMERS AND FLEXIBLE COMPOSITE MATERIALS

10:20 - 12:35 ☉

São Paulo 3 📍

Chemistry for Industry Innovation (CI)

Chair: Mariana Doria

10:20 KEYNOTE LECTURE
11:00 ALESSANDRO DE O. MAIA PINHEIRO
IBGE INNOVATION SURVEY (PINTEC 2014): ADDRESSING THE CHEMICAL INDUSTRY
PERFORMANCE11:15 MARCELO GOMES SPEZIALI (911)
11:00 FLAVOR AND FRAGRANCE PATENTS DATA MINING: BUILDING A TECHNOLOGICAL
LANDSCAPE

11:15 NATALIE ANN LAFRANZO (1256)
11:30 LESSONS FROM A (FORMERLY) BOOTSTRAPPED START-UP

11:45 INVITED LECTURE
12:10 CAMILA CRUZ DURLACHER
THE POWER OF 3M INNOVATION

10:20 - 12:35 🕒
WTC Theater 1 📍
Channel 09 🔄

Nano Science and Technology (NT)

Chair: Elsa Reichmanis

Co-chair: Karl Leo

10:20 KEYNOTE LECTURE
11:00 SUMIJI IJIMA
ONE-DIMENSIONAL NANOWIRES: THEIR STRUCTURE CHARACTERIZATION AND GROWTH

11:00 INVITED LECTURE
11:25 ALAIN PENICAUD
ADDITIVE FREE, SINGLE LAYER GRAPHENE IN WATER & FEW GRAPHENE LAYERS FROM FOOD WASTE.

11:25 JÉSSICA E. S. FONSAÇA (350)
11:40 GRAPHENE-BASED MULTIFUNCTIONAL THIN FILMS: TAILORED NANOCATALYST AND SERS SUBSTRATE

11:40 NELSON STRADIOTO (1524)
11:55 SILVER NANOPARTICLES IN GRAPHENE OXIDE REDUCED MODIFIED ELECTRODE FOR AMINO ACIDS OXIDATION
NANOPARTICLES IN GRAPHENE OXIDE REDUCED MODIFIED ELECTRODE FOR AMINO ACIDS OXIDATION

11:55 SERGIO HUMBERTO DOMINGUES (547)
12:10 USUAL AND UNUSUAL SYNTHETIC METHODS FOR NEW GRAPHENE-BASED NANOCOMPOSITES APPLIED IN ENERGY STORAGE DEVICES

12:10 INVITED LECTURE
12:35 ROBERT DRYFE
GRAPHENE & 2D MATERIALS IN ELECTROCHEMISTRY: FROM FUNDAMENTALS TO APPLICATIONS

10:20 - 12:35 🕒
WTC Theater 2 📍
Channel 10 🔄

Energy, Water and Environmental Sciences (EE) 2

Chair: Vanessa Hatje

Co-chair: Michael Bau

10:20 KEYNOTE LECTURE
11:00 CATH JEANDEL
WHICH OCEANIC TRACERS ARE THE RARE EARTHS AND THE ND ISOTOPES?

11:00	INVITED LECTURE
11:25	GIDEON HENDERSON CHEMICAL RATE-METERS FOR THE INPUTS AND CYLING OF NUTRIENT METALS IN THE OCEAN
11:25	MÔNICA WALLNER-KERSANACH (1503)
11:40	SOURCES AND DISTRIBUTION OF PARTICULATE ORGANIC MATTER IN SUSPENSION AND IN SEDIMENTS ON THE SOUTHERN BRAZILIAN CONTINENTAL SHELF
11:40	THIAGO MOURA DA ROCHA BASTOS (1419)
11:55	TRACE ELEMENT CYCLING IN THE TROPICAL REGION
11:55	BRUNO LEMOS BATISTA (605)
12:10	ARSENIC BIO VOLATILIZATION BY FUNGI ISOLATED FROM BRAZILIAN PADDY SOILS
12:10	INVITED LECTURE
12:35	LUÍS FELIPE NIENCHESKI ADVANCES IN THE STUDIES OF THE SGD IN SOUTH AMERICA'S ATLANTIC OCEAN

10:20 - 12:35 🕒

Golden Hall 1 📍

Channel 01 🔄

Chemical Synthesis (CS)

Chair: Karl-Anker Jorgensen

Co-chair: Olivier Baudoin

10:20	KEYNOTE LECTURE
11:00	KARL-ANKER JORGENSEN ORGANOCATALYSIS FOR SYNERGISTIC CATALYSIS AND CYCLOADDITION REACTIONS
11:00	INVITED LECTURE
11:25	GERALDINE MASSON VISIBLE LIGHT PHOTOREDOX CATALYSIS AS A TOOL FOR ORGANIC SYNTHESIS
11:25	JHONATAN L. FIORIO (267)
11:40	HIGHLY SELECTIVE DEOXYGENATION OF EPOXIDES OVER MAGNETICALLY RECOVERABLE GOLD CATALYST
11:40	JAMES OSWALDO GUEVARA PULIDO (445)
11:55	TANDEM REACTIONS AND ORGANOCATALYTIC RESOLUTIONS
11:55	INVITED LECTURE
12:20	OLIVIER BAUDOIN RING CONSTRUCTION BY PD-CATALYZED C(SP ³)-H ACTIVATION

10:20 - 12:35 🕒

Golden Hall 2 📍

Channel 02 🔄

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Etelvino Bechara

Co-chair: Stefan Laufer

10:20	KEYNOTE LECTURE
11:00	RAFAEL RADI PEROXYNITRITE, A STEALTHY BIOLOGICAL OXIDANT

11:00 11:25	INVITED LECTURE OHARA AUGUSTO THE TOXICITY OF ELEVATED LEVELS OF CARBON DIOXIDE: A ROLE FOR REDOX REACTIONS?
11:25 11:40	FRANCESCA GIUNTINI (1029) THE EFFECT OF METAL ON THE SONODYNAMIC ACTIVITY OF CATIONIC WATER-SOLUBLE PORPHYRIN COMPLEXES
11:40 11:55	EDUARDO COELHO CERQUEIRA (1486) THE DANGEROUS ENCOUNTER BETWEEN THE TOXIC DOPAMINE METABOLITE DOPAL AND THE PRESYNAPTIC PROTEIN ALPHA-SYNUCLEIN IN PARKINSON'S DISEASE
11:55 12:20	INVITED LECTURE JEAN CADET OXIDATIVELY GENERATED DAMAGE TO CELLULAR DNA: PRODUCT FORMATION AND MECHANISTIC INSIGHTS.
12:20 12:35	WIKTOR SZYMANSKI (134) PHOTOPHARMACOLOGY: TOWARDS LIGHT-CONTROLLED THERAPY

10:20 - 12:35 ☉
Golden Hall 3 📍
Channel 03 📺

Analytical & Food Chemistry (AC)

Chair: Francisco Krug
Co-chair: George L. Donati

10:20 11:00	KEYNOTE LECTURE FRANCISCO KRUG ANALYSIS OF PLANT MATERIALS BY LIBS AND EDXRF: FROM PRESSED PELLETS TO FRESH LEAVES
11:00 11:15	JENS BREFFKE (1424) ADVANCING IMAGING TECHNOLOGY: SUPER RESOLUTION IN THE WORKS
11:15 11:30	GABOR PATONAY (1439) ANALYTICAL SPECTROSCOPIC APPLICATIONS OF BRIGHT VISIBLE AND LONG WAVELENGTH FLUOROPHORES
11:30 11:45	GEORGE L. DONATI (326) MULTI-ENERGY CALIBRATION FOR FAST AND ACCURATE TRACE ELEMENT ANALYSIS OF FOOD

10:20 - 12:35 ☉
Golden Hall 4 📍
Channel 04 📺

Green Chemistry and Biotechnology (GB)

Chair: Vitor Ferreira
Co-chair: Rafael Luque

10:20 11:00	KEYNOTE LECTURE PIETRO TUNDO SYNTHESIS OF HETEROCYCLES AND MACROCYCLES BY DIALKYL CARBONATES CHEMISTRY
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11:00	INVITED LECTURE
11:25	ANITA MARSAIOLI FROM BRAZILIAN BIODIVERSITY TO GREEN CHEMISTRY
11:25	RENAN GALAVERNA (270)
11:40	CONTINUOUS FLOW SYNTHESIS OF MONOMERS FOR GREEN POLYMERS PRODUCTION
11:40	FABIO ARICO (331)
11:55	TURNING IPRITS INTO GREEN REAGENTS FOR SELECTIVE AND STEREOSELECTIVE ALKYLATIONS
11:55	JOÃO PAULO FLORIANO (691)
12:10	BIOTRANSFORMATION OF GERANIOL CATALYZED BY WHOLE CELLS OF MICROORGANISMS
12:10	INVITED LECTURE
12:35	EUSEBIO JUARISTI RECENT ADVANCES IN THE DEVELOPMENT OF MORE SUSTAINABLE ASYMMETRIC ORGANOCATALYSIS

10:20 - 12:35 ☉

Golden Hall 5 📍

Channel 05 🗣️

Inorganic and Structural Chemistry (IC)

Chair: Ivan Castillo

10:20	KEYNOTE LECTURE
11:00	CHRIS ORVIG INORGANIC RADIOPHARMACEUTICAL CHEMISTRY
11:00	LUIZ G. F. LOPES (540)
11:15	NITROSYL COMPLEXES CONTAINING THIOAMIDES: VISIBLE LIGHT INDUCED DNA CLEAVAGE AND PROMISING VASODILATION ACTIVITY
11:15	RAFAEL NATAN SOEK (552)
11:30	STRUCTURAL, MAGNETIC, SPECTROSCOPIC AND DFT ANALYSIS OF BIS((1-((E)-2-PYRIDINYLMETHYLIDENE)SEMICARBAZONE)COPPER(II)SULFATE) DIHYDRATE COMPLEX
11:30	INVITED LECTURE
11:55	IVAN CASTILLO DIOXYGEN OR HYDROGEN PEROXIDE? THE QUESTION REGARDING OXIDANTS IN COMPLEXES RELEVANT TO COPPER MONOOXYGENASES

10:20 - 12:35 ☉

Golden Hall 6 📍

Channel 06 🗣️

Macromolecules and Materials (MM)

Chair: Bernabe Rivas

Co-chair: Susana Torresi

10:20	KEYNOTE LECTURE
11:00	BERNABE RIVAS FUNCTIONAL POLYMERS TO REMOVE INORGANIC HAZARDOUS POLLUTANTS

11:00 11:25	INVITED LECTURE SUSANA TORRESI DIFFERENT SYNTHETIC STRATEGIES FOR ELECTROACTIVE POLYMERS
11:25 11:40	ELISABETE FROLLINI (2386) BIO-BASED MATERIALS AND CELLULOSIC ETHANOL FROM LIGNOCELLULOSIC FIBERS
11:40 11:55	BRUNO C. BATISTA (1800) FLEXIBLE CELLULOSE/GRAPHITE FILMS: A GREEN ALTERNATIVE FOR ELECTRIC CIRCUITRY
11:55 12:10	EDVALDO SABADINI (1816) VARIATION OF ENTHALPY ASSOCIATED WITH THE FORMATION OF WORMLIKE MICELLES. THEIR ENTHALPOMETRIC SIGNATURE
12:10 12:35	INVITED LECTURE CHIN HAN CHAN MICROSTRUCTURE CONTROL OF POLY(ETHYLENE OXIDE)/POLYACRYLATE-BASED COMPOSITE POLYMER ELECTROLYTES

10:20 - 12:35 📍
Golden Hall 7 📍
Channel 07 🔄

Natural Products and Biodiversity (NB)

Chair: Norberto P. Lopes

Co-chair: Pieter Dorrestein

10:20 11:00	KEYNOTE LECTURE PIETER DORRESTEIN DIGITIZING THE CHEMISTRY OF MICROBES
11:00 11:25	INVITED LECTURE NORBERTO P. LOPES MASS SPCCTROMETRY TECHNIQUES FOR METABOLOMICS AND TISSUES IMAGING OF NATURAL PRODUCTS
11:25 11:40	JOÃO MARCOS BATISTA JR (384) VIBRATIONAL SPECTROSCOPY AS A DIRECT STEREOCHEMICAL PROBE FOR POLYHYDROXYLATED MOLECULES
11:40 11:55	ANELIZE BAUERMEISTER (2026) MOLECULAR NETWORKING ACCELERATING THE IDENTIFICATION OF NATURAL SECONDARY METABOLITES
11:55 12:10	AMÉLIA PILAR RAUTER (1497) PREVENTION OF NEURODEGENERATIVE DISEASES AND DIABETES: FROM NATURE TO THE LAB
12:10 12:35	INVITED LECTURE CHRISTIAN JANFELT MASS SPECTROMETRY IMAGING OF DRUGS, METABOLITES AND NATURAL PRODUCTS

12:35 - 14:20 ☉

São Paulo 1 📍

Thermo Fisher**Why Couple Ion Chromatography to Mass Spectrometry? Capabilities and Applications from Single Quad to HRAM**

Marc Chalom – Thermo Fisher Scientific

Sergio Guazzotti – Thermo Fisher Scientific

12:35 - 14:20 ☉

São Paulo 3 📍

ACS**ACS on Campus****10 Tips on How to Get Published with the ACS Editors**

Norb Pienta, University of Georgia

Krishna N. Ganesh, Indian Institute of Science Education & Research

Dean Tantillo, University of California, Davis

Matthew S. Sigman, University of Utah

Tamara Hanna, American Chemical Society

12:35 - 14:20 ☉

🍴 LUNCH

14:20 - 17:15 ☉

São Paulo 1 📍

Energy, Water and Environmental Sciences (EE) 1

Chair: Thierry Brousse

Co-chair: Daniel Belanger

14:20 KEYNOTE LECTURE

15:00 THIERRY BROUSSE

NEW PSEUDOCAPACITIVE OXIDES: FROM FUNDAMENTAL RESEARCH TOWARD APPLICATIONS

15:00 WILLIAN G. DE MORAES (1731)

15:15 PHOTO-ASSISTED ACID-BASE MACHINE

15:15 JAREM RAUL GARCIA (1657)

15:30 THE ROLE OF A SILSESQUIOXANES POLYMERIC MATRIX ENHANCING THE STABILITY OF POLYOXOMETALATE-REDUCED GRAPHENE OXIDE COMPOSITES APPLIED TO SUPERCAPACITOR.

15:30 NEDHER S. RAMIREZ (255)

15:45 HIGH-PERFORMANCE SILICON ANODES USING IONIC LIQUID AS ELECTROLYTES

15:45 INVITED LECTURE

16:10 GEORGE ZHENG CHEN

FUNDAMENTAL CONSIDERATION FOR ELECTROCHEMICAL ENGINEERING OF SUPERCAPATTERY

16:10 INVITED LECTURE
16:35 DANIEL BELANGER
CHEMICAL MODIFICATION OF CARBON WITH ELECTROACTIVE QUINONE FOR
ELECTROCHEMICAL ENERGY STORAGE

16:35 KEYNOTE LECTURE
17:15 DANIEL SCHERSON
LITHIUM BATTERY TECHNOLOGY AS APPLIED TO THERMAL INSULATION

14:20 - 17:15 📍
São Paulo 3 📍

Chemistry for Industry Innovation (CI)

Chair: Mariana Doria

14:20 KEYNOTE LECTURE
15:00 ALEXANDRE BEDA

15:00 INVITED LECTURE
15:25 MARTIM FRANCISCO DE OLIVEIRA E SILVA
DEVELOPMENT AND INNOVATION PLAN FOR THE CHEMICAL INDUSTRY:
PRELIMINARY RESULTS

15:25 KEYNOTE LECTURE
16:05 JOSÉ CARLOS PINTO
CHALLENGES FOR INNOVATION IN BRAZIL: THE SCIENCE PARK OF UFRJ AS A CASE
STUDY

16:05 DAVID WADDINGTON (2419)
16:20 KEEPING TRACK OF NEW DEVELOPMENTS IN THE CHEMICAL INDUSTRY WORLDWIDE

16:20 INVITED LECTURE
16:45 MARCELO PRIM

14:20 - 17:15 📍
WTC Theater 1 📍
Channel 09 📡

Young researchers in Chemistry

Chair: Christine Dunne

14:20 INTRODUCTIONAL REMARKS (JB)
14:30

14:30 KEYNOTE LECTURE
15:15 DR. XAVIER PILLAI
YOUNG RESEARCHERS IN CHEMISTRY BRING VALUE TO INTELLECTUAL PROPERTY

15:15 KEYNOTE LECTURE
15:45 PROF. DRA. ANNE CRISTINE CHINELLATO
PROTECTING YOUR INTELLECTUAL PROPERTY IN BRAZIL

15:45 KEYNOTE LECTURE
16:15 DR. JEROEN SCHOENMAKER
HORIZONTAL ACTION IN INTERDISCIPLINARITY AND INNOVATION

16:15
16:20 CONCLUDING REMARKS

14:20 - 17:15 ☉
WTC Theater 2 📍
Channel 10 🔄

Energy, Water and Environmental Sciences (EE) 2

Chair: Juliana Leonel
Co-chair: Felipe Nienchescki

14:20 KEYNOTE LECTURE
15:00 MICHAEL BAU
RARE EARTH ELEMENTS: CRITICAL RESOURCES AND EMERGING (MICRO)
CONTAMINANTS OF THE ENVIRONMENT

15:00 FABIO FERREIRA DA SILVA (994)
15:15 EVALUATION OF THE POTENTIAL RISKS OF THE RESIDUE SPILLED FROM SAMARCO'S
MINE DAM BURST

15:15 GUILHERME MARTINS PEREIRA (1647)
15:30 AEROSOL CHEMICAL SPECIATION IN LATIN AMERICAN URBAN SITES: A COMPARATIVE
STUDY OF LIMA, MEDELLIN AND SÃO PAULO

15:30 INVITED LECTURE
15:55 ANTONIO COBELO GARCIA
ADVANCES IN THE ASSESSMENT OF THE ENVIRONMENTAL IMPACT AND CYCLING OF
PLATINUM GROUP ELEMENTS (PGES): RESULTS FROM THE COST ACTION TD1407

15:55 INVITED LECTURE
16:20 JULIANA LEONEL
IS ONGOING SULFLURAMID USE IN SOUTH AMERICA A SOURCE OF PERFLUOROALKYL
ACIDS IN THE SOUTHERN ATLANTIC?

16:20 KEYNOTE LECTURE
17:00 PETER CROOT
THE IMPORTANCE OF KINETICS AND REDOX REACTIONS ON THE SPECIATION OF
TRACE ELEMENTS IN MARINE BIOGEOCHEMICAL CYCLES

14:20 - 17:15 ☉
Golden Hall 1 📍
Channel 01 🔄

Chemical Synthesis (CS)

Chair: Gary Molander
Co-chair: Ariel Saratti

14:20 KEYNOTE LECTURE
15:00 MICHAEL KRISCHE
HYDROGEN-MEDIATED C-C BOND FORMATION

15:00 INVITED LECTURE
15:25 ARIEL SAROTTI
ASSIGNMENT OF COMPLEX MOLECULES BY GIAO NMR CALCULATIONS. APPLICATIONS
IN THE COMPUTER-GUIDED SYNTHESIS OF NATURAL PRODUCTS.

15:25 15:40	JAMES R. SMITH (617) RH-CATALYSED ENANTIOSELECTIVE HYDROBORATION REACTIONS OF UNACTIVATED TERMINAL ALKENES
15:40 16:05	INVITED LECTURE YOUNG HO RHE CHIRAL N,O- AND O,O-ACETALS: A POWERFUL BUILDING BLOCK IN ORGANIC SYNTHESIS
16:05 16:30	INVITED LECTURE KÁLMÁN SZABÓ RECENT ADVANCES IN THE PREPARATION AND APPLICATION OF ALLYLBORONIC ACIDS IN ORGANIC SYNTHESIS
16:30 17:10	KEYNOTE LECTURE GARY MOLANDER SINGLE ELECTRON PROCESSES: ENABLING ORGANIC SYNTHESIS VIA PHOTOREDOX CATALYSIS

14:20 - 17:15 ☉
Golden Hall 2 📍
Channel 02 📺

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Eliezer Barreiro

14:20 15:00	KEYNOTE LECTURE STEFAN LAUFER RAISING THE GOLD STANDARD: DESIGN & DEVELOPMENT OF HIGHLY SELECTIVE JAK3 PROBES (JANUS KINASE 3)
15:00 15:15	NUNO MANUEL XAVIER (1976) SYNTHESIS AND ANTICANCER PROFILE OF NOVEL NUCLEOSIDE ANALOGS CONTAINING AZIDE, PHOSPHORAMIDATE AND CARBOXAMIDE MOIETIES
15:15 15:40	INVITED LECTURE FERNANDO COELHO DISCOVERY OF A NEW CLASS OF COLCHICINE-BINDING SITE INHIBITORS WITH ANTICANCER PROPERTIES
15:40 16:05	INVITED LECTURE ELIEZER BARREIRO THE RECENT ADVANCES IN MEDCHEM AT LABORATORY OF EVALUATION AND SYNTHESIS OF BIOACTIVE SUBSTANCES (LASSBIO/ICB-UFRJ)
16:05 16:30	INVITED LECTURE PATRICK M. WOSTER EPIGENETIC MODULATORS OF GENE EXPRESSION FOR USE IN NON-CANCER DISEASES
16:30 17:10	KEYNOTE LECTURE A. GANESAN TARGETING HDAC AND LSD EPIGENETIC ENZYMES FOR DRUG DISCOVERY

14:20 - 17:15 ☉

Golden Hall 3 📍

Channel 03 🗣️

Analytical & Food Chemistry (AC)

Chair: F. Vanhaecke

Co-chair: Renato Zanella

14:20	KEYNOTE LECTURE
15:00	FRANK VANHAECKE EXPLOITING THE ISOTOPIC INFORMATION PROVIDED BY ICP-MASS SPECTROMETRY
15:00	ÉMERSON FINCO MARQUES (2266)
15:15	OXYGEN CONTRIBUTION FOR OXIDATION AND PROTEIN AGGREGATION
15:15	MARIA KUNDE (1188)
15:30	HOW PTR-TOF-MS AND GC-IMS CAN BE USED TO FIND VOLATILE QUALITY INDICATORS OF STORED FRUIT - A NON-DESTRUCTIVE QUANTITATIVE APPROACH
15:30	DANIELE F. DE O. ROCHA (1595)
15:45	MALDI-TOF MS FINGERPRINTING AS A CONVENIENT TOOL TO SELECT SMALL PROTEINS RELATED TO PATHOGEN ADAPTATION AND VIRULENCE IN PANAMA DISEASE.
15:45	INVITED LECTURE
16:10	REÑA A. S. ROBINSON ENHANCED MULTIPLEXING FOR PROTEOMICS ANALYSIS
16:10	RENATO ZANELLA (643)
16:25	SIMPLIFICATION OF MATRIX SOLID PHASE DISPERSION (MSPD) FOR MULTIRESIDUE DETERMINATION OF PESTICIDES IN FRUITS BY UHPLC-MS/MS
16:25	KEYNOTE LECTURE
17:00	MARCOS EBERLIN CELEBRATING 10 YEARS OF EASI-MS: PRINCIPLES AND APPLICATIONS OF A "GREEN AND YELLOW" TECHNIQUE FOR DIRECT TYPIFICATION OF COMPLEX MIXTURES

14:20 - 17:15 ☉

Golden Hall 4 📍

Channel 04 🗣️

Green Chemistry and Biotechnology (GB)

Chair: Kazunari Domen

Co-chair: Alírio Rodrigues

14:20	KEYNOTE LECTURE
15:00	PHILIP JESSOP CO ₂ -SWITCHABLE POLYMERIC MATERIALS
15:00	CHRISTOPHER MARK KOZAK (743)
15:15	MECHANISTIC SPECTROSCOPIC ANALYSIS OF CARBONATE SYNTHESIS FROM CO ₂ AND EPOXIDES USING AMINE-BIS(PHENOLATE) COMPLEXES
15:15	CLAUDIO J A MOTA (1091)
15:30	SYNTHESIS OF STYRENE CARBONATE FROM CARBON DIOXIDE CATALYZED BY ZEOLITE Y
15:30	INVITED LECTURE
15:55	ANGELA DIBENEDETTO UTILIZATION OF RENEWABLE CARBON FOR CHEMICALS AND MATERIALS

15:55 INVITED LECTURE
16:20 PHILIP LLEWELLYN
WILL METAL-ORGANIC FRAMEWORKS EVER BE USED FOR CARBON CAPTURE AND/OR REUSE ?

14:20 - 17:15 ☉
Golden Hall 5 📍
Channel 05 📺

Inorganic and Structural Chemistry (IC)

Chair: Alexander Kirilov

Co-chair: Martin Meier

14:20 KEYNOTE LECTURE
15:00 EKKEHARDT HAHN
SUBSTRATE ACTIVATION WITH COMPLEXES OF PROTIC NHCS AND MICS

15:00 MARTIN MEYER (265)
15:15 SYNTHESIS OF HOMO- AND HETERONUCLEAR METAL COMPLEXES STARTING FROM BETA-FUNCTIONALIZED ISOCYANIDES

15:15 DANIEL RABINOVICH (1788)
15:30 SYNTHESIS AND REACTIVITY OF NEW HETEROCYCLIC THIONES AND SELONES

15:30 GABRIEL KAETAN BAIO FERREIRA (354)
15:45 CATALYTIC ACTIVITY OF METALLOPORPHYRINS TOWARDS BENZALDEHYDE ACETALIZATION

15:45 INVITED LECTURE
16:10 ALEXANDER KIRILLOV
DESIGN OF SELF-ASSEMBLED COPPER AND SILVER COORDINATION POLYMERS FOR CATALYTIC AND ANTIMICROBIAL APPLICATIONS

16:10 INVITED LECTURE
16:35 AJAYAN VINU
FUNCTIONAL NANOPOROUS MATERIALS FOR ENERGY AND ENVIRONMENT

16:35 KEYNOTE LECTURE
17:15 HENRIQUE EISI TOMA
THE SERS EFFECT IN COORDINATION CHEMISTRY

14:20 - 17:15 ☉
Golden Hall 6 📍
Channel 06 📺

Macromolecules and Materials (MM)

Chair: Rudolf Zentel

Co-chair: Jean-François Lutz

14:20 KEYNOTE LECTURE
15:00 RUDOLF ZENTEL
LC-ELASTOMERS AS RESPONSIVE AND INTERACTIVE MATERIALS

15:00 JAN MERNA (1678)
15:15 DENDRITIC POLYETHYLENES BY IMINE LIGAND BASED NICKEL AND PALLADIUM COMPLEXES

15:15 15:30	THIAGO A. L. BURGO (1116) ELASTOELECTRICITY OF ELASTOMERS
15:30 15:45	JIANG KAI (1190) NANOSTRUCTURED SPHERICAL PARTICLES OF (1,7)-POLYOXEPAN-2-ONE DOPED WITH TRIVALENT LANTHANIDE Β-DIKETONATE COMPLEXES
15:45 16:00	SÉRGIO H. PEZZIN (462) SYNTHESIS OF BIOPOLYMER FROM RESVERATROL METHACRYLATE
16:00 16:15	CHINMAYANANDA GOUDA (156) INSIGHTS INTO LINEAR SUPRAMOLECULAR POLYMER FORMATION VIA TPE AND BODIPY CONTAINING HOST-GUEST INTERACTION
16:15 16:40	INVITED LECTURE PATRICK THEATO SIMPLIFYING MOLECULAR COMPLEXITY: SYNTHETIC ROUTES TO NOVEL POLYMER MATERIALS
16:40 17:20	KEYNOTE LECTURE JEAN-FRANÇOIS LUTZ STEPS TOWARD A POLYMER-BASED MOLECULAR HARD-DISK

10:00 - 10:20 ☹ ☕ COFFEE BREAK

17:40 - 18:40 ☹
Golden Hall 📍

Plenary Lecture

Clare Grey

Department of Chemistry - University of Cambridge

FOLLOWING FUNCTION IN REAL TIME: THE DEVELOPMENT OF NEW CHARACTERIZATION METHODS TO DETERMINE STRUCTURE AND DYNAMICS IN LITHIUM-ION AND "BEYOND-LITHIUM-ION" BATTERIES

18:40 - 20:00 ☹

Poster session at Golden Hall foyer

Tuesday, 11th July

09:00 - 10:00 ☉
Golden Hall 📍

Plenary Lecture

Katharina Landfester

Max Planck Institute for Polymer Research - Munich (Germany)

POLYMERIC NANOCAPSULES: ENCAPSULATION, TRANSPORT AND RELEASE

10:00 - 10:20 ☉

☕ COFFEE BREAK

10:20 - 12:35 ☉
São Paulo 1 📍

Energy, Water and Environmental Sciences (EE) 1

Chair: Nathan Lewis

Co-chair: Ana Flavia Nogueira

10:20 KEYNOTE LECTURE

11:00 JAMES DURRANT

PHOTOCHEMICAL STUDIES OF APPROACHES TO ARTIFICIAL PHOTOSYNTHESIS.

11:00 INVITED LECTURE

11:25 ANA FLAVIA NOGUEIRA

HYBRID PEROVSKITE MATERIALS FOR LED AND SOLAR CELLS

11:25 CLAUDIA LONGO (1319)

11:40

SOLAR WATER REMEDIATION: DISINFECTION AND REMOVAL OF CONTAMINANTS OF EMERGING CONCERN USING SEMICONDUCTOR ELECTRODES AND SOLAR CELLS

11:40 CLAUDIO LUIS DONNICI (898)

11:55

TAILORING OF NEW MOLECULAR HYBRID CHROMOPHORES FOR APPLICATIONS IN PHOTO-ELECTROCHEMISTRY AND PHOTOVOLTAIC DEVICES

11:55 KEYNOTE LECTURE

12:35

NATHAN S. LEWIS

SUNLIGHT-DRIVEN HYDROGEN FORMATION BY MEMBRANE-SUPPORTED PHOTOELECTROCHEMICAL WATER SPLITTING

10:20 - 12:35 ☉
São Paulo 3 📍

Chemistry for Industry Innovation (CI)

Chair: Mariana Doria

10:20 KEYNOTE LECTURE

11:00

WEBER PORTO

SUSTAINABILITY AS A GROWTH DRIVER

11:00 WESLEY LAINE (1137)

11:15

CHLORINATION OF HAITI'S DRINKING WATER - A SUSTAINABLE MODEL FOR DEVELOPING COUNTRIES

11:15 ILYA V. VOROTYNTSEV (2071)

11:30

INTENSIFICATION HYBRID PROCESSES FOR SEPARATION AND PURIFICATION OF GASES

11:30 - INVITED LECTURE
11:55 LUUK VAN DER WIELEN
TOWARDS A RE(DE)FINERY MODEL FOR GREEN CHEMICALS, FUELS AND ENERGY

11:55 - DANIELA RAMOS GUIMARÃES DE FARIA (493)
12:10 MEASURING THE SUSTAINABILITY OF CHEMICAL PROCESSES"

10:20 - 12:35 🕒
WTC Theater 1 📍
Channel 09 🔄

Nano Science and Technology (NT)

Chair: Robert Dryfe
Co-chair: Jairton Dupont

10:45 INVITED LECTURE
11:00 MATT TRAU
MAKING NANOMEDICINE PERSONAL: TRANSLATING GENOME-WIDE INFORMATION & POINT OF CARE DIAGNOSTICS INTO THE CLINIC

11:00 MUSTAFA CULHA (287)
11:15 CELLULAR RESPONSE TO SURFACE CHEMISTRY OF NANOMATERIALS: A SYSTEMATIC INVESTIGATION

11:40 STEFAN VOGEL (1886)
11:55 DNA-PROGRAMMED FUSION OF LIPID NANOREACTORS

11:15 PIERANGELO METRANGOLO (2355)
11:30 HALOGENATION AS A NEW TOOL TO CONTROL PEPTIDE SELF-ASSEMBLY

11:30 INVITED LECTURE
11:55 NELSON DURÁN
NANOPHARMACEUTICALS AND ITS APPLICATION IN BLADDER CANCER THERAPY

10:20 - 12:35 🕒
WTC Theater 2 📍
Channel 10 🔄

Energy, Water and Environmental Sciences (EE) 2

Chair: Diane Purchase
Co-chair: Hemda Garelick

10:20 KEYNOTE LECTURE
11:00 CHRISTER FORSGREN
ELECTRONIC-WASTE RECYCLING: NEW OPPORTUNITIES AND TECHNOLOGIES.

11:00 INVITED LECTURE
11:25 OLUSEUN ELIZABETH POPOOLA
INDIVIDUAL AWARENESS AND HEAVY METALS IN BLOOD OF SCAVENGERS INVOLVED IN THE CRUDE RECYCLING OF ELECTRONIC WASTE IN LAGOS, NIGERIA

11:25 BRADLEY MILLER (2283)
11:40 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, NATIONAL ENFORCEMENT INVESTIGATIONS CENTER: ENVIRONMENTAL FORENSIC"

11:40 INVITED LECTURE
 12:05 KIRAN SURATI
 E-WASTE MANAGEMENT WITH ALTERNATIVE BIO-DEGRADABLE ORGANIC SEMICONDUCTOR

12:05 INVITED LECTURE
 12:30 MING HUNG WONG
 IMPACTS OF UNCONTROLLED RECYCLING OF E-WASTE: EXPERIENCE GAINED FROM GUIYU, TAIZHOU AND HONG KONG, CHINA

12:30 INVITED LECTURE
 12:55 RAFAEL LUQUE (2493)
 VALORISATION OF E-WASTE TO VALUABLE PRODUCTS: AN OVERVIEW

10:20 - 12:35 ☉
 Golden Hall 1 📍
 Channel 01 🔄

Chemical Synthesis (CS)

Chair: Illan Marek
 Co-chair: Diogo Ludtke

10:20 KEYNOTE LECTURE
 11:00 ILLAN MAREK
 REMOTE FUNCTIONALIZATION

11:00 INVITED LECTURE
 11:25 DIOGO LÜDTKE
 STEREOSELECTIVE CARBON-CARBON BOND FORMATION USING ORGANOZINC REAGENTS

11:25 ANDRES GILBERTO RUEDA (1877)
 11:40 DESIGN AND SYNTHESIS OF NEW NICOTINE AND GIRGENSOHNINE ANALOGS BASED ON THE α -AMINO NITRILE BACKBONE AND THEIR BIOLOGICAL EVALUATION ON AEDES AEGYPTI MOSQUITOES

11:40 INVITED LECTURE
 12:05 SARAH TRICE
 MODERN CHEMISTRY: TOOLS TO ENABLE THE PRACTICING CHEMIST

12:05 LUIS BRANCO (2208)
 12:20 SUSTAINABLE CATALYSIS USING METAL AND SILICA NANOPARTICLE CATALYSTS IN IONIC LIQUID MEDIA

10:20 - 12:35 ☉
 Golden Hall 2 📍
 Channel 02 🔄

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Rodolpho Braga
 Co-chair: Jon Clardy

10:20 KEYNOTE LECTURE
 11:00 VANDERLAN DA SILVA BOLZANI
 TROPICAL BIODIVERSITY: HAS IT BEEN A POTENTIAL SOURCE OF USEFUL TEMPLATES FOR MEDICINAL CHEMISTRY?

11:00	INVITED LECTURE
11:25	JOÃO BATISTA CALIXTO NONCLINICAL STUDIES REQUIRED TO BRING A NEW CANDIDATE MOLECULE INTO CLINICAL PHASE I
11:25	JADEL KRATZ
11:40	NOVEL COLLABORATIVE APPROACHES BOOSTING R&D FOR NEGLECTED TROPICAL DISEASES
11:40	INVITED LECTURE
12:05	VANDA MAGUALHÃES APPROVING THE FIRST BRAZILIAN BIOSIMILAR
12:05	KEYNOTE LECTURE
12:35	JON CLARDY CHEMICAL ECOLOGY AND ANTIFUNGAL DISCOVERY

10:20 - 12:35 🕒

Golden Hall 3 📍

Channel 03 🗣️

Analytical & Food Chemistry (AC)

Chair: Elena Stashenko

Co-chair: Fernando Mauro Lanças

10:20	KEYNOTE LECTURE
11:00	ELENA STASHENKO THE GOOD, THE BAD AND THE UGLY IN HUMAN CONSUMPTION PRODUCTS. CASE STUDIES THROUGH THE GC-MS AND LC-MS LENSES
11:00	INVITED LECTURE
11:25	PHILIP MARRIOTT NEW ANALYTICAL STRATEGIES TO ADDRESS NUTRACEUTICAL'S FATE IN BIOLOGICAL SYSTEMS
11:25	RAFAL SITKO (301)
11:40	GRAPHENE OXIDE MEMBRANES FOR ADSORPTION OF METAL IONS
11:40	MARIANA R. GAMA (926)
11:55	ADVANCES IN ORGANIC POLYMER MONOLITH SYNTHESIS FOR MINIATURIZED LIQUID CHROMATOGRAPHY
11:55	VÂNIA GOMES ZUIN (694)
12:10	CIRCULARITY IN GREEN ANALYTICAL CHEMISTRY
12:10	INVITED LECTURE
12:35	FERNANDO LANÇAS ADVANCES IN SEPARATION TECHNIQUES AND THEIR APPLICATION TO FOOD SAFETY ANALYSIS

10:20 - 12:35 🕒

Golden Hall 4 📍

Channel 04 🗣️

Green Chemistry and Biotechnology (GB)

Chair: Javier Perez Ramirez

Co-chair: Luiz Pereira Ramos

10:20 11:00	KEYNOTE LECTURE RAJENDER VARMA SUSTAINABLE PATHWAYS TO PLATFORM CHEMICALS FROM BIOMASS USING NANOMATERIALS AND GRAPHITIC CARBON NITRIDES
11:00 11:25	INVITED LECTURE APRÍGIO CURVELO SUGARCANE BIOREFINERY
11:25 11:40	CÉCILE BOUILHAC (807) WORTHY BIOMASS DERIVATIVES FOR THE SYNTHESIS OF BIO-BASED POLYESTERS: FROM ISOSORBIDE AND LACTIDE MOIETIES TO MULTI SCALE STUDY OF NEW MATERIALS
11:40 11:55	FABIANA M. T. MENDES (1926) AN OVERLOOK OF THE BRAZILIAN ACTIVATED CARBON MARKET AND SCIENTIFIC DEVELOPMENT BY USING SUGARCANE STRAW AS A RAW MATERIAL
11:55 12:20	INVITED LECTURE ANTONIO SALVIO MANGRICH BIOCHAR PREPARED FROM AGRO-INDUSTRIAL WASTE USED AS ACTIVE MATERIAL IN NORTHEAST BRAZILIAN SOILS AND IN ELECTROCHEMICAL APPLICATIONS

10:20 - 12:35 📍
Golden Hall 5 📍
Channel 05 🔄

Inorganic and Structural Chemistry (IC)

Chair: Claude Forano

Co-chair: Juventino Garcia

10:20 11:00	KEYNOTE LECTURE HONG-CAI ZHOU SYNTHETIC-METHOD DEVELOPMENT FOR THE PREPARATION OF ROBUST AND FUNCTIONALIZED MOFS (METAL-ORGANIC FRAMEWORKS)
11:00 11:25	INVITED LECTURE CLAUDE FORANO ENZYMES FUNCTIONALIZED ADVANCED LDH MATERIALS
11:25 11:40	FABIOLA BRAVO HUALPA (1045) ADSORPTION STUDIES OF N,N-DIMETHYLAMINE FROM AQUEOUS SOLUTIONS BY METAL ORGANIC FRAMEWORK - 235
11:40 11:55	CATIÚCIA RODRIGUES MATOS (1068) STRUCTURAL, PHOTOPHYSICAL AND BACTERICIDAL PROPERTIES OF COORDINATION NETWORKS CONTAINING RIGID OR FLEXIBLE LIGANDS
11:55 12:10	WILLIAN XERXES COELHO OLIVEIRA (1601) DESIGNING AND MODULATING COORDINATION AND MAGNETIC PROPERTIES OF COPPER(II)-OXAMATE SYSTEMS
12:10 12:35	INVITED LECTURE JUVENTINO GARCIA RECENT ADVANCES IN HYDRODESULFURIZATION USING ORGANOMETALLIC MODELS

10:20 - 12:35 🕒

Golden Hall 6 📍

Channel 06 📺

Physical, Biophysical and Computational Chemistry (PC)

Chair: Watson Loh

10:20	KEYNOTE LECTURE
11:00	KAORU YAMANOUCHI MIGRATION OF HYDROGEN ATOMS IN SMALL HYDROCARBON MOLECULES AND PERIODICAL EJECTION OF H ₃ ⁺ INDUCED BY FEW-CYCLE INTENSE LASER PULSES
11:00	INVITED LECTURE
11:25	SILVIA BRASLAVSKY TIME-RESOLVED ENERGETICS OF PHOTOPROCESSES IN PHYTOCHROME AND PHYTOCHROME-RELATED PHOTORECEPTORS
11:25	AGUINALDO ROBINSON DE SOUZA (427)
11:40	EXPERIMENTAL (ECD) AND THEORETICAL (TD-DFT) STUDY OF THE INTERACTION BETWEEN BOVINE SERUM ALBUMIN AND DIVANILIN
11:40	CHIRAZ BELOUEZZANE (2080)
11:55	INVESTIGATION OF THE PHOTOPHYSICAL PROPERTIES OF BENZOPHENOTHIAZINES PREPARED FROM 1,4-NAPHTHOQUINONES BY MICROWAVE IRRADIATION
11:55	LUIS HENRIQUE MENDES DA SILVA (808)
12:10	STUDY OF METHYLENE BLUE ☒ LACTOFERRIN INTERACTION USING FLUORESCENCE AND SURFACE PLASMON RESONANCE
12:10	INVITED LECTURE
12:35	MUNIR SKAF PLANT CELL WALLS BUILDING BLOCKS AND THEIR ENZYMATIC DECONSTRUCTION

10:20 - 12:35 🕒

Golden Hall 7 📍

Channel 07 📺

Natural Products and Biodiversity (NB)

Chair: Paulo H. G. Zarbin

Co-chair: Paulo C. Vieira

10:20	KEYNOTE LECTURE
11:00	JOHN PICKETT NATURAL PRODUCTS IN AGRICULTURE: DELIVERY OF CHEMICAL SIGNALS VIA GM AND COMPANION PLANTING FOR CROP PROTECTION AND PRODUCTION
11:00	INVITED LECTURE
11:25	PAULO H. G. ZARBIN ANTI-APHRODISIAC PHEROMONES OF HELICONIUS ERATO PHYLLIS AND HELICONIUS ETHILLA NARCAEA (NYMPHALIDAE, HELICONIINAE)
11:25	MARIA CAROLINA BLASSIOLI-MORAES (1894)
11:40	MICROCHEMISTRY STRATEGIES APPLIED TO PHEROMONE ELUCIDATION OF NEOTROPICAL STINK BUGS

11:40 11:55	CRISTIANE C. SANTOS (450) OVIPOSITION ATTRACTANTS FOR CERCONOTA ANONELLA (LEPIDOPTERA: OECOPHORIDAE) FEMALES FROM SOURSOP
11:55 12:10	DARY MENDOZA (1578) A RECYCLABLE AND STABLE BIOCATALYST FROM SEEDS OF PACHIRA SPECIOSA (TRIANA & PLANCH) IMMOBILIZED ON CHITOSAN AND ALGINATE BEADS
12:10 12:35	INVITED LECTURE MASSUO JORGE KATO CHEMICALLY MEDIATED MULTI-TROPHIC INTERACTIONS IN THE TROPICS

10:20 - 12:35 🕒
 Golden Hall 8 📍
 Channel 08 📺

Chemistry Education (CE)

Chair: Santiago Sandi-Ureña

10:20 11:00	KEYNOTE LECTURE JAN H. APOTHEKER DEVELOPING SKILLS AND VALUES THROUGH CHEMISTRY EDUCATION
11:00 11:25	INVITED LECTURE DAVID S. DI FUCCIA CHEMIE IM KONTEXT: A CONTEXT BASED METHODOLOGY FOR CHEMISTRY TEACHING AND ITS ADAPTION IN SPAIN AND ARGENTINA
11:25 11:40	FERNANDA AZEVEDO VENEU (787) IRRESISTIBLE PROJECT IN BRAZIL: THE VERY FIRST EXPERIENCE
11:40 11:55	STEPHEN A. MATLIN (284) ONE-WORLD CHEMISTRY IMPLICATIONS FOR EDUCATION
11:55 12:10	JACKIE O'NEIL (2335) BRINGING CHEMISTRY INTO FOCUS: BRINGING PUBLIC AWARENESS TO CHEMISTRY ACROSS INTERNATIONAL BOUNDARIES
12:10 12:35	INVITED LECTURE GULTEKIN CAKMACI RECONCEPTUALIZING PUBLIC ENGAGEMENT WITH CHEMISTRY

12:35 - 14:20 🕒
 São Paulo 1 📍

Research in Germany - Science Lunch

Networking event to find out more about studying and research in Germany.

Prof. Dr. Karl Leo
 Prof. Dr. Katharina Landfester
 Prof. Dr. Eric Meggers
 Prof. Dr. Ekkehardt Hahn
 Prof. Dr. Marcelo Calderón
 Prof. Dr. Helmut Galle
 Prof. Dr. Vânia Zuin
 Maria Julia Torres

12:35 - 14:20 ☉

São Paulo 3 📍

ACS**Publishing Open Access with ACS**

Krishna N. Ganesh, Indian Institute of Science Education & Research

Elsa Reichmanis, Georgia Institute of Technology

Tamara Hanna, American Chemical Society

Hong-Cai (Joe) Zhou, Texas A&M University

12:35 - 14:20 ☉

🍴 LUNCH

14:20 - 17:15 ☉

São Paulo 1 📍

Energy, Water and Environmental Sciences (EE) 1

Chair: Juan Feliu

Co-chair: Edson Ticianelli

14:20 KEYNOTE LECTURE

15:00 JUAN FELIU

SURFACE ELECTROCHEMISTRY AND ELECTROCATALYSIS: FROM FUNDAMENTALS TO APPLICATIONS

15:00 PHILIPPE KNAUTH (1596)

15:15 ION CONDUCTING POLYMER MEMBRANES FOR ELECTROCHEMICAL ENERGY TECHNOLOGIES

15:15 FELIPE DE MOURA SOUZA (294)

15:30 SYNTHESIS OF PDXNBY/C FOR ETHANOL OXIDATION REACTION

15:30 IWONA A. RUTKOWSKA (842)

15:45 ELECTROOXIDATION OF ETHANOL AND DIMETHYLETHER AT CATALYTIC NOBLE METAL PARTICLES COMBINED, NANOSTRUCTURED AND SUPPORTED ONTO MIXED METAL (W, ZR OR TI) OXIDES

15:45 INVITED LECTURE

16:10 BRYAN D. MCCLOSKEY

LI-AIR BATTERIES: O₂ ELECTROCHEMISTRY IN LI-ION-BEARING NONAQUEOUS ELECTROLYTES

16:10 INVITED LECTURE

16:35 EDSON TICIANELLI

INSIGHTS INTO THE MECHANISM OF PEM SINGLE CELL PERFORMANCE DEGRADATION FOR SEVERAL CO TOLERANT MULTI-METALLIC PT-BASED ANODE ELECTROCATALYSTS

16:35 KEYNOTE LECTURE

17:15 DEBORAH JONES

THE IMPORTANCE OF IONIC INTERACTIONS FOR BETTER FUEL CELL MEMBRANE REINFORCEMENTS

14:20 - 17:15 📍
 São Paulo 3 📍

Chemistry for Industry Innovation (CI)

Chair: Mariana Doria

14:20	KEYNOTE LECTURE
14:45	JORGE SOTO
	INNOVATION AND SUSTAINABILITY PARTNERSHIP – GREENING INDUSTRIES WITH GREEN CHEMISTRY
15:00	ANNA S. MAKAROVA (401)
15:15	PLANETARY BOUNDARY FOR CHEMICAL POLLUTION
15:15	INVITED LECTURE
15:40	PAULO CESAR PAVAN
	THE LOW CARBON FOREST INDUSTRY
15:40	INVITED LECTURE
16:05	MATEUS LOPES
	DRIVING INNOVATION WITH RENEWABLE CHEMICALS PLATFORM

14:20 - 17:15 📍
 WTC Theater 1 📍
 Channel 09 📺

Nano Science and Technology (NT)

Chair: Stefan Seeger

Co-chair: J.A. Lopez-Sanchez

14:20	KEYNOTE LECTURE
15:00	ELSA REICHMANIS
	ACTIVE ORGANIC AND POLYMER MATERIALS FOR FLEXIBLE ELECTRONICS: A PATH TO SUSTAINABLE SYSTEMS
15:00	VINICIUS ROMERO GONÇALVES (1721)
15:15	LIGHT ACTIVATED ELECTROCHEMISTRY ON SILICON ELECTRODES: OPPORTUNITIES AND CHALLENGES
15:15	SOPHIE CARENCO (679)
15:30	A DRY ROUTE TO METAL CARBIDE NANOPARTICLES ON GRAPHITIC SUPPORTS
15:30	AHMET GÜRSES (1079)
15:45	THE TENSILE PROPERTIES OF NANOSIZED FE ₃ O ₄ -ORGANOCCLAY-LINEAR LOW DENSITY POLYETHYLENE (LLDPE) NANOCOMPOSITE
15:45	CRISTINE SANTOS DE OLIVEIRA (1933)
16:00	HIERARCHICAL CORE@MULTISHELL NANOSTRUCTURE AND ITS IMPORTANCE IN OBTAINING WHITE LIGHT EMISSION IN LN(III)-DOPED ZRO ₂ NANOPARTICLES
16:00	INVITED LECTURE
16:25	JAIRTON DUPONT
	SUPPORTED IONIC LIQUID PHASE NANOPARTICLE CATALYSIS

16:25 ANDRESSA DA CRUZ SCHNEID (1257)
16:40 SUPRAMOLECULAR STRUCTURE OF A BRIDGED IONIC POLYHEDRAL OLIGOMERIC SILSESQUIOXANE

16:40 INVITED LECTURE
17:05 J. A. LOPEZ-SANCHEZ
COLLOIDAL METAL NANOPARTICLES IN THE PREPARATION OF HETEROGENOUS CATALYSIS: NANOSPHERES, NANORODS, NANOSTARS, LIGHT AND MICROWAVES

14:20 - 17:15 ☉
WTC Theater 2 📍
Channel 10 🔄

Energy, Water and Environmental Sciences (EE) 2

Chair: Sherine Obare

14:20 KEYNOTE LECTURE
15:00 PETR S. FEDOTOV
NANOPARTICLES OF VOLCANIC ASH AS A CARRIER FOR TOXIC AND NUTRIENT ELEMENTS ON GLOBAL SCALE

15:00 INVITED LECTURE
15:20 SHERINE OBARE (978)
ASSESSING THE ENVIRONMENTAL IMPACT OF ANTHROPOGENIC NANOPARTICLES

15:15 INVITED LECTURE
15:30 CLEMENS BURDA
HOW SAFE ARE NANOPARTICLES AS DRUG DELIVERY AGENTS? INSIGHTS FROM INVIVO BIODISTRIBUTION AND BIOTOXICITY STUDIES

16:05 KEYNOTE LECTURE
16:45 ANNA C. SAMIA
EFFECTS OF METAL OXIDE NANOPARTICLE EXPOSURE ON PLANT GROWTH AND ON THE LOCAL SOIL MICROBE POPULATION

16:45 - MUHAMMAD SAEED (1346)
17:00 SYNTHESIS AND CHARACTERIZATION OF AG-CO₂O₃ CATALYST AND INVESTIGATION OF ITS CATALYTIC ACTIVITIES FOR DEGRADATION OF RHODAMINE B DYE IN AQUEOUS MEDIUM

14:20 - 17:15 ☉
Golden Hall 1 📍
Channel 01 🔄

Chemical Synthesis (CS)

Chair: Antonio Echavarren

Co-chair: David Nicewicz

14:20 KEYNOTE LECTURE
15:00 ANTONIO ECHAVARREN
MAKING AND BREAKING CYCLOPROPANES WITH GOLD

15:00 15:15	JOSEP MAS-ROSELLÓ (1619) GEOMETRY-SELECTIVE C-ALKENYLATION OF LITHIATED α -AMINONITRILES: QUATERNARY α -ALKENYL AMINO ACIDS AND HYDANTOINS
15:15 15:30	BARBARA BERNADIM (1956) ALPHA,BETA-UNSATURATED DIAZOKETONES AS SUBSTRATES FOR INTRAMOLECULAR [2+2] AND [4+2] CYCLOADDITIONS
15:30 15:45	DAIANE SZCZERBOWSKI (722) SYNTHESIS OF PIPERIDINIC ALKALOIDS ISOLATED FROM THE SKIN OF FROGS FROM THE SPECIES ELEUTHERODACTYLUS IBERIA (ANURA: ELEUTHERODACTYLIDAE)
15:45 16:10	INVITED LECTURE DAVID NICEWICZ NEW AVENUES IN SYNTHESIS VIA ORGANIC PHOTOREDOX CATALYSIS
16:10 16:35	INVITED LECTURE NIDHI JAIN NEW STRATEGIES FOR THE CH FUNCTIONALIZATION WITH PALLADIUM AND COPPER: FROM MICRO TO NANO-SCALE CATALYSIS
16:35 17:15	KEYNOTE LECTURE ANDRÉ CHARETTE DEVELOPMENT OF NEW CYCLOPROPANATION REACTIONS IN BATCH AND IN FLOW TO ACCESS POLYSUBSTITUTED CYCLOPROPANES

14:20 - 17:15 ☉
 Golden Hall 2 📍
 Channel 02 📺

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Jadel Kratz

14:20 15:00	KEYNOTE LECTURE DALE KEMPF ENGAGING THE DEVELOPMENT OF NEW TREATMENTS FOR NEGLECTED TROPICAL DISEASES: LESSONS FROM INSIDE A PHARMACEUTICAL ENVIRONMENT
15:00 15:15	VANESSA LEIRIA CAMPO (214) SYNTHESIS OF TRIAZOLE-LINKED GALACTOSYL BENZENESULFONAMIDES AS ANTI- TRYPANOSOMAL AGENTS
15:15 15:30	ROGELIO OCAMPO-CARDONA (252) SYNTHESIS OF FLUORINATED QUATERNARY AMMONIUM SALTS AND THEIR IN VITRO ANTI-LEISHMANIAL ACTIVITY AND U-937 CELL CYTOTOXICITY
15:30 15:45	ARIANE FERNANDES BERTONHA (1391) SYNTHESIS AND STRUCTURE-ACTIVITY RELATIONSHIP STUDIES OF ANTIPARASITIC PSEUDOCERATIDINE DERIVATIVES
15:45 16:10	INVITED LECTURE ELIZABETH IGNE FERREIRA PRODRUG DESIGN ON NEGLECTED DISEASES

16:10 INVITED LECTURE
 16:35 NESTOR MANUEL CARBALLEIRA
 SYNTHESIS OF A NOVEL SERIES OF 2-HALOGENATED VINYLIC FATTY ACIDS AS
 EFFECTIVE INHIBITORS OF THE LEISHMANIA TOPOISOMERASE IB ENZYME

16:35 KEYNOTE LECTURE
 17:15 CHARLES E. MOWBRAY
 DNDI - BRINGING NEW TREATMENTS TO NEGLECTED PATIENTS

14:20 - 17:15 ☹

Golden Hall 3 📍

Channel 03 🗣

Analytical & Food Chemistry (AC)

Chair: Mauro Bertotti

Co-chair: Ana Maria Oliveira-Brett

14h20 INVITED LECTURE
 14h45 MAURO BERTOTTI
 ELECTROCHEMICAL SENSORS FOR H₂O₂ AND O₂ DETECTION: FABRICATION AND
 APPLICATIONS

14h45 MINDY LEVINE (1418)
 15h00 FLUORESCENCE MODULATION FOR SENSITIVE AND SELECTIVE TOXICANT DETECTION

15h00 NUNZIANDA FRASCIONE (1717)
 15h15 DEVELOPMENT OF BIOSENSORS FOR FORENSIC ANALYSIS

15h15 ANA MARIA OLIVEIRA-BRETT (234)
 15h30 AMYLOID BETA PEPTIDES STRUCTURAL MODIFICATIONS: AFM AND VOLTAMMETRIC
 CHARACTERIZATION

14:20 - 17:15 ☹

Golden Hall 4 📍

Channel 04 🗣

Green Chemistry and Biotechnology (GB)

Chair: Rajender Varma

Co-chair: Paulo Suarez

14:20 KEYNOTE LECTURE
 15:00 JAVIER PEREZ RAMIREZ
 DESIGN OF HETEROGENEOUS CATALYSTS FOR SUSTAINABLE TECHNOLOGIES

15:00 MARCO A FRAGA (1491)
 15:15 AQUEOUS-PHASE CONVERSION OF XYLOSE INTO LACTIC ACID OVER ZNO CATALYSTS

15:15 JULIANA Q. ALBARELLI (210)
 15:30 THERMO-ECONOMIC COMPARISON OF SUPERCRITICAL WATER AND ENZYMATIC
 HYDROLYSIS OF SUGARCANE BAGASSE IN A BIOREFINERY CONCEPT

15:30 DALMO MANDELLI (380)
 15:45 EPOXIDATION OF TERPENES WITH H₂O₂ USING GA₂O₃ AS CATALYSTS

15:45 INVITED LECTURE
 16:10 RAFAEL LUQUE
 CATALYTIC BIOMASS/WASTE VALORIZATION: TOWARDS ADVANCED BIOREFINERIES

16:10	INVITED LECTURE
16:35	LUIZ P. RAMOS ACID-CATALYZED DEHYDRATION OF WATER-SOLUBLE CARBOHYDRATES AND POLYSACCHARIDES TO FURAN COMPOUNDS AND ORGANIC ACIDS
16:35	KEYNOTE LECTURE
17:15	ALÍRIO RODRIGUES INTEGRATED PROCESS FOR MAKING VANILLIN, SYRINGALDHEIDE AND POLIURETHANES FROM LIGNIN

14:20 - 17:15 ☉
 Golden Hall 5 📍
 Channel 05 🎧

Inorganic and Structural Chemistry (IC)

Chair: Mirian Unerlass
 Co-chair: Joaquim Luis Faria

14:20	KEYNOTE LECTURE
15:00	HERMENEGILDO GARCIA PHOTOASSISTED CO2 CONVERSION
15:00	DANIEL ESTEVES BESSA MOREIRA (394)
15:15	NEW NANOSTRUCTURED TITANIA DOPED WITH CERIUM OXIDE FOR HETEROGENEOUS PHOTOCATALYSIS
15:15	ANDRESSA OLIVEIRA RODRIGUES (2254)
15:30	COMPOSITE OF GRAPHENE OXIDE AND ZINC OXIDE FOR APPLICATION IN PHOTOCATALYSIS
15:30	JAVIER ELLENA (1928)
15:45	CRYSTAL ENGINEERING AND SOLID-STATE CHARACTERIZATION OF PHARMACEUTICAL SALTS OF THE SELECTIVE SEROTONIN REUPTAKE INHIBITORS ANTIDEPRESSANTS: PAROXETINE AND FLUOXETINE CASES
15:45	INVITED LECTURE
16:10	J. L. FARIA DEVELOPING PERFORMANCE PHOTOCATALYSTS FOR TECHNOLOGICAL APPLICATIONS
16:10	INVITED LECTURE
16:35	MIRIAN M. UNTERLASS HYDROTHERMAL SYNTHESIS OF POLYIMIDES AND POLYIMIDE-SILICA HYBRID MATERIALS
16:35	KEYNOTE LECTURE
17:15	KENNETH R. POEPELMEIE RACEMATES AND OPTICAL ACTIVITY

14:20 - 17:15 ☉
 Golden Hall 6 📍
 Channel 06 🎧

Physical, Biophysical and Computational Chemistry (PC)

Chair: Peter Gil

14:20 15:00	KEYNOTE LECTURE TIM WALLINGTON VEHICLE EMISSIONS, BIOFUELS, AND URBAN AIR QUALITY: SUSTAINABILITY THROUGH CHEMISTRY
15:00 15:15	VIVIAN V. FRANÇA (460) ENTANGLEMENT AND EXOTIC SUPERFLUIDITY IN NANOMATERIALS VIA DENSITY FUNCTIONAL THEORY CALCULATIONS
15:15 15:40	INVITED LECTURE ANGELA WILSON QUANTUM CHEMISTRY STRATEGIES FOR TRANSITION METALS AND BEYOND
15:40 16:05	INVITED LECTURE DEAN TANTILLO UNUSUAL MECHANISTIC ASPECTS OF TERPENE BIOSYNTHESIS
16:05 16:20	JOSEFREDO PLIEGO [574] MOLECULAR DYNAMICS AND DFT ANALYSIS OF TERT-BUTANOL SOLVENT EFFECT FOR FLUORINATION WITH POTASSIUM AND CESIUM FLUORIDES
16:20 16:35	ATAUALPA A. C. BRAGA [1559] CONFORMATIONAL PREFERENCES ON THE ENANTIOSELECTIVE HECK-MATSUDA ARYLATION OF CYCLOPENT-3-YLMETHANOL: A DFT STUDY
16:35 17:00	EGON CAMPOS DOS SANTOS (1940) STABILITY, STRUCTURE, AND ELECTRONIC PROPERTIES OF THE PYRITE/ ARSENOPYRITE SOLID-SOLID INTERFACE- A DFT STUDYE

14:20 - 17:15 ☉

Golden Hall 7 📍

Channel 03 🗣️

Symposium Women in Chemistry

Prof. Yvonne P Mascarenhas

Professor Ingrid Montes

Prof Misako Aida

Prof. Zafra M Lerman

Prof. Dr. M. Concepción Gimeno

Prof. Lifeng Lifeng

Dr. Veronika R Meyer

Prof. Dr. Thisbe K Lindhorst

Professor Ekaterina S Lokteva

Professor Frances Separovic

14:20 - 17:15 ☉

Golden Hall 8 📍

Channel 08 🗣️

Chemistry Education (CE)

Chair: Jan Apotheker

14:20 15:00	KEYNOTE LECTURE D. J. WADDINGTON NEW DEVELOPMENTS IN CHEMICAL EDUCATION: CAN WE LEARN ANYTHING FROM THE SUCCESSES AND DISAPPOINTMENTS OF THE LAST 50 YEARS?
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15:00 15:15	IVANO G. R. GUTZ (1708) CHEMISTRY OLYMPIADS 20 YEARS OF THE SÃO PAULO MODEL WHERE AUTHORS OF THE BEST THEMATIC ESSAYS QUALIFY FOR A FINAL EXAMINATION BASED ON LIVE CHEMISTRY DEMONSTRATIONS
15:15 15:30	J. E. FORMAN (310) SCIENCE ADVICE, SCIENCE COMMUNICATION AND MULTILATERAL CHEMICAL DISARMAMENT POLICYMAKING
15:30 15:55	INVITED LECTURE CHARLES H. ATWOOD HOW A SIMPLE METACOGNITIVE EXERCISE IMPROVED THE BOTTOM STUDENT QUARTILE'S PERFORMANCE BY 15-22%
15:55 16:35	KEYNOTE LECTURE S. SANDI-UREÑA LEARNING IN THE TERTIARY LEVEL CHEMISTRY LABORATORY: WHAT WE HAVE LEARNT FROM PHENOMENOLOGY RESEARCH
16:35 17:05	KEYNOTE LECTURE MASAHIRO KAMATA (992) CHEMISTRY EDUCATION USING MONOZUKURI (CRAFT MAKING)

17:15 - 17:40 ☉ ☕ COFFEE BREAK

17:40 - 18:40 ☉
Golden Hall 📍

Plenary Lecture

David Macmillan
Princeton University (USA)
NEW PHOTOREDOX REACTIONS

18:40 - 20:00 ☉

Poster session at Golden Hall foyer

Wednesday, 12th July

09:00 - 10:00 🕒

Golden Hall 📍

Plenary Lecture

SIR J. Fraser Stoddart (Nobel Prize 2016)

Department of Chemistry - Northwestern University (USA)

THE RISE AND PROMISE OF THE MECHANICAL BOND IN CHEMISTRY AND BEYOND.

10:00 - 10:20 🕒

☕ COFFEE BREAK

10:20 - 12:35 🕒

São Paulo 1 📍

Energy, Water and Environmental Sciences (EE) 1

Chair: Vincent Vivier

Co-chair: Pawel J. Kulesza

10:20 KEYNOTE LECTURE

11:00 PEDRO GOMEZ-ROMERO

WHEN SUPERCAPACITORS MET BATTERIES. HYBRID MATERIALS FOR HYBRID ENERGY STORAGE

11:00 INVITED LECTURE

11:25 VINCENT VIVIER

KINETIC MODELING OF THE ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY OF LI-ION CELLS

11:25 NELSON A. G. SILVA (548)

11:40

NITROGEN-DOPED CARBON-ENCAPSULATED FE-CO NANOPARTICLE ALLOYS AS NON-NOBLE ELECTROCATALYST FOR THE OXYGEN REDUCTION IN ALKALINE AND ACID ELECTROLYTE

11:40 ADALGISA RODRIGUES DE ANDRADE (2013)

11:55

IRON INSERTION EFFECT ON PLATINUM-BASED ELECTROCATALYSTS TO IMPROVE THE GLYCEROL ELECTROOXIDATION IN ACID MEDIUM

11:55 KEYNOTE LECTURE

12:35

PAWEL J. KULESZA

ELECTROCATALYTIC AND PHOTOELECTROCHEMICAL INTERFACES FOR EFFICIENT REDUCTION OF CARBON DIOXIDE

10:20 - 18:40 🕒
 São Paulo 3 📍

Abiquim Seminar on Technology and Innovation 2017

Panel 1: Chemical Technology Solutions for the Oil & Gas Industry

The Chemical and Oil and Gas industries have a significant impact on the economy of a country, due to the number of jobs generated and, mainly, the generation of wealth. Moreover, because they are positioned at the base, these industrial segments have influence directly or indirectly in all other downstream sectors. Within an economy that considers industrial development as one of the factors of progress, it is important to discuss how the technological advances of these segments can be important aspects in the recovery of the Brazilian economy.

Moderator:

Rafael Pellicciotta (Elekeiroz)

Speakers:

Guilherme da Fonseca (Oxiteno)

Antonio Pedro (Clariant)

Eder Torres (Solvay)

Rodrigo Pio (Petrobras)

Prof. Julio Meneghini (USP)

Panel 2: Challenges of Industrial Biotechnology in Brazil

In addition to the technological challenges, innovation in biotechnology faces other challenges, such as the regulatory framework; Public and private investment; Capacity building focused on innovation and geared to the needs of the bioindustry. In this sense, this panel will bring together representatives from the private sector, government and academia to discuss, in a broad way, the challenges of Industrial Biotechnology in Brazil.

Moderator:

Paulo Coutinho (Senai-Cetiqt)

Speakers:

Gabriel Gorescu (Solvay)

Bernardo Silva (ABBI)

Secretário Marcos Vinicius de Souza (MDIC)

Denise Ferreira (CAS)

Giani Valent (Amyris)

10:20 - 12:35 🕒
 WTC Theater 1 📍
 Channel 09 📺

Nano Science and Technology (NT)

Chair: Matt Trau

10:20	INVITED LECTURE
10:45	STEFAN SEEGER NANOSTRUCTURES MADE FROM SILICONE: SYNTHESIS AND APPLICATIONS
10:45	ILYA ZHAROV (1536)
11:00	“HAIRY” NANOPARTICLES AS BUILDING BLOCKS FOR SELF-ASSEMBLED ULTRAFILTRATION MEMBRANES
11:00	VOLODYMIR ZAITSEV (149)
11:15	HYBRID NANOPARTICLES FOR BETTER MEDICINE

11:15 11:30	LIANE MARCIA ROSSI (282) DISCLOSING THE ROLE OF ORGANIC MOIETIES IN GOLD NP CATALYSIS
11:30 11:45	ALEKSEY E. KUZNETSO (2119) COMPUTATIONAL DESIGN OF NOVEL NANOSTRUCTURES BASED ON THE TETRAPHOSPHORUS-DERIVATIVES OF METALLOPORPHYRINS
11:45 12:10	INVITED LECTURE KURT KREMER CO(NON)SOLVENCY OR THE PUZZLE OF POLYMER PROPERTIES IN MIXED GOOD OR POOR SOLVENTS
12:10 12:25	JAVIER GARCÍA-MARTÍNEZ (201) HIERARCHICAL ZEOLITES: FROM THE LAB TO THE MARKET

10:20 - 12:35 ☉
WTC Theater 2 📍
Channel 10 🔄

Energy, Water and Environmental Sciences (EE) 2

Chair: John B Unsworth

10:20 11:00	KEYNOTE LECTURE KEITH R SOLOMON PESTICIDES IN THE ENVIRONMENT: HOW DO WE SELECT THE BEST DATA
11:00 11:25	INVITED LECTURE RAFAELA REBELO REGULATORY DEVELOPMENTS IN ENVIRONMENTAL RISK ASSESSMENT
11:25 11:50	INVITED LECTURE ANA CIONE BASIC CONCEPTS ABOUT ENVIRONMENTAL RISK ASSESSMENT
11:50 12:15	INVITED LECTURE JUSSARA B REGITANO FATE OF PESTICIDES IN LATIN AMERICAN ENVIRONMENTS
12:15 12:30	XIMENA PATINO EXPOSURE ASSESSMENT INITIATIVES IN LATIN AMERICA

10:20 - 12:35 ☉
Golden Hall 1 📍
Channel 01 🔄

Chemical Synthesis (CS)

Chair: Jean-Pierre Vors

Co-chair: Eric Meggers

10:20 11:00	KEYNOTE LECTURE MATTHEW SIGMAN ENANTIOSELECTIVE FORMATION OF REMOTE CHIRAL CENTERS THROUGH PD-CATALYZED ALKENE FUNCTIONALIZATION
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11:00	INVITED LECTURE
11:25	JEAN-PIERRE VORS MITOCHONDRIAL RESPIRATION INHIBITORS, BREAKING THE DOGMA FOR A SUCCESS STORY IN FUNGICIDES DISCOVERY
11:25	RAFAELA COSTA CARMONA (249)
11:40	NEW DEVELOPMENTS IN CASCADE AZA-HECK REACTIONS
11:40	MARCIO C. S. DE MATTOS (1344)
11:55	TRIBROMOISOCYANURIC ACID: A NOVEL OXIDANT FOR THE SYNTHESIS OF 1,3-DIYNES VIA GLASER COUPLING
11:55	INVITED LECTURE
12:20	GWILHERM EVANO COPPER-CATALYZED RADICAL REACTIONS

10:20 - 12:35 ☉
 Golden Hall 2 📍
 Channel 02 🔄

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Marília O. F. Goulart

Co-chair: Celia R. Garcia

10:20	KEYNOTE LECTURE
11:00	CRISTIANO GUIMARÃES RESEARCH, DEVELOPMENT & (OPEN) INNOVATION AT ACHÉ LABORATÓRIOS FARMACÊUTICOS: EXPLORING UNDERSTUDIED KINASES WITH THE STRUCTURAL GENOMICS CONSORTIUM
11:00	INVITED LECTURE
11:25	MARILIA GOULART ELECTROCHEMISTRY MEETS MEDICINAL CHEMISTRY: SUCCESSFUL EXAMPLES
11:25	VINCENZO ABBATE (1683)
11:40	DESIGN OF SELECTIVE AND SENSITIVE IRON CHELATORS TARGETED TO MITOCHONDRIA
11:40	ALEXANDER CHERTOVICH (1501)
11:55	CRUMPLED GLOBULE FORMATION AND CHROMATINE STRUCTURE
11:55	INVITED LECTURE
12:20	CELIA R. GARCIA THE GCAMP3 🧬 A GFP-BASED CALCIUM INDICATOR TO DISCOVERY NEW DRUGS TO TREAT MALARIA
12:20	LUMA MAGALHÃES
12:35	MICROTUBULE-INTERFERING AGENTS AND ITS CHEMICAL BIOLOGY ROLE ON THE DISCOVERY OF NEW ANTICANCER COMPOUNDS

10:20 - 12:35 ☉
 Golden Hall 3 📍
 Channel 03 🔄

Physical, Biophysical and Computational Chemistry (PC)

Chair: Angela Wilson

10:20 11:00	KEYNOTE LECTURE PETER GILL HOW MANY ELECTRONS ARE EXCITED IN AN EXCITED ELECTRONIC STATE??
11:00 11:25	INVITED LECTURE THIAGO CARITA CORRERAS FIRST IRMPD SPECTROSCOPY EXPERIMENTS IN BRAZIL: WHY SHOULD YOU CARE?
11:25 11:40	VICTOR DE SOUZA BONFIM (2031) EXPERIMENTAL AND THEORETICAL INVESTIGATION ON THE PHOTOLYSIS OF SO ₂ ICE BY X-RAYS: IMPLICATION ON THE SO ₃ FORMATION AT JOVIAN MOONS
11:40 11:55	GUILHERME CAMELIER ALMEIDA (2244) PROCESSING OF N ₂ O ICE BY FAST IONS AND ITS IMPLICATION ON NITROGEN CHEMISTRY ON PLUTO'S SURFACE AND OTHER ASTROPHYSICAL ENVIRONMENTS
11:55 12:20	INVITED LECTURE ALFREDO SIMAS LUMINESCENT LANTHANIDE COMPLEXES: THEORETICAL STRUCTURAL DESIGN

10:20 - 12:35 🕒

Golden Hall 4 📍

Channel 04 📡

Green Chemistry and Biotechnology (GB)

Chair: Claudio Mota

Co-chair: Philip Jessop

10:20 11:00	KEYNOTE LECTURE KAZUNARI DOMEN DEVELOPMENT OF PARTICULATE PHOTOCATALYSTS FOR SOLAR HYDROGEN PRODUCTION
11:00 11:25	INVITED LECTURE PAULO SUAREZ DEVELOPMENT OF A LEWIS-BASED CATALYTIC SYSTEM FOR BIODIESEL PRODUCTION: FROM A BATCH LABORATORY SCALE TO A CONTINUOUS PILOT PLAN
11:25 11:40	UMAR IBRAHIM GAYA (312) COMPARATIVE STUDY OF LONG-LIVED K ₅ .13N ₀ .73MG ₀ .211ZNO ₂ .20 AND NaOH AS CATALYSTS FOR THE METHANOLYSIS OF GMELINA SEED OIL
11:40 11:55	MIRIAM DEL R. FONTALVO (1716) ENZYMATIC TRANSESTERIFICATION OF CHLORELLA OIL'S WITH A SELF-IMMOBILIZED LIPASE FROM CARICA PAPAYA (PLANTAE: CARICACEAE) LATEX
11:55 12:20	INVITED LECTURE PEDRO GOMEZ SUSTAINABLE ENERGY FOR A SUSTAINABLE SOCIETY. AND VICE VERSA SPAIN AS A CASE STUDY

10:20 - 12:35 ☉
 Golden Hall 5 📍
 Channel 05 📺

Inorganic and Structural Chemistry (IC)

Chair: Galo Illia

10:20	KEYNOTE LECTURE
11:00	NITIN P. PADTURE THE UNPRECEDENTED PROMISE OF SOLUTION-PROCESSED HYBRID ORGANIC-INORGANIC PEROVSKITE SOLAR CELLS
11:00	INVITED LECTURE
11:25	PEDRO CAMARGO CONTROLLED SYNTHESIS OF INORGANIC NANOMATERIALS: TOWARDS A DESIGN-DRIVEN APPROACH
11:25	KAZUNARI DOMEN (104)
11:40	EFFECTS OF DIRECT FLUX GROWTH AND TUNGSTEN DOPING ON PHASE FORMATION, MORPHOLOGY EVOLUTION AND PHOTOCATALYTIC WATER OXIDATION ACTIVITY OF LATI ₂ O ₃ CRYSTALS
11:40	PAULO R.S. SALBEGO (2235)
11:55	SIMILARITY OF SUPRAMOLECULAR STRUCTURES IN ORGANIC CRYSTALS
11:55	VINÍCIUS ALEVATO NEVES (2078)
12:10	SELECTIVE PD-CONTAINING LDH SYNTHESIS MEDIATED BY CYCLODEXTRINS
12:10	INVITED LECTURE
12:35	GALO SOLER ILLIA COMPLEX NANOARCHITECTURES BUILT THROUGH THE COMBINATION OF SOFT CHEMISTRY, SELF ASSEMBLY AND SURFACE REACTIVITY

10:20 - 12:35 ☉
 Golden Hall 6 📍
 Channel 06 📺

Macromolecules and Materials (MM)

Chair: Sarah Cartmell

Co-chair: Bradley Olsen

10:20	KEYNOTE LECTURE
11:00	SARAH CARTMELL ADVANCES IN ORTHOPAEDIC TISSUE ENGINEERING: BIOREACTOR USE, ELECTRICAL STIMULATION AND CT IMAGING DEVELOPMENT
11:00	INVITED LECTURE
11:25	BRADLEY OLSEN UNDERSTANDING WHICH PROPERTIES OF A PROTEIN DRIVE POLYELECTROLYTE COACERVATION
11:25	NÁDYA P. DA SILVEIRA (1830)
11:40	STARCH AS SOURCE OF NEW POLYMERIC ARRANGEMENTS
11:40	ATITSA - PETCHSUK (587)
11:55	IMPROVEMENT OF COMPATIBILITY AND MECHANICAL PROPERTIES OF POLY(LACTIC ACID)/HYDROXYAPATITE COMPOSITE

11:55 12:10	IGOR LACIK (2051) MULTICOMPONENT POLYELECTROLYTE COMPLEX MICROCAPSULE FOR IMMUNOPROTECTION OF TRANSPLANTED PANCREATIC ISLETS
12:10 12:35	INVITED LECTURE MARCELO CALDERON ENVIRONMENTAL RESPONSIVE NANOGELS AS SMART THERAPEUTIC AGENTS

10:20 - 12:35 🕒
Golden Hall 7 📍
Channel 07 🔄

Natural Products and Biodiversity (NB)

Chair: Jean Luc Wolfender
Co-chair: Leslie Gunatilaka

10:20 11:00	KEYNOTE LECTURE JEAN LUC WOLFENDER CHERRY PICKING OF VALUABLE NATURAL PRODUCTS ONLY BASED ON DEEP METABOLOME INVESTIGATION OF PLANT EXTRACTS
11:00 11:25	INVITED LECTURE M. FÁTIMA G.F. DA SILVA CHROMATOGRAPHIC FINGERPRINTING AND QUANTITATIVE ANALYSIS APPLIED TO EARLY DIAGNOSIS OF CITRUS DISEASES
11:25 11:40	ROGELIO PEREDA-MIRANDA (716) COMPLEMENTARITY OF DFT CALCULATIONS, NMR ANISOTROPY, AND ECD FOR THE CONFIGURATIONAL ANALYSIS OF BREVIPOLIDES K-O FROM HYPTIS BREVIPES
11:40 11:55	LÚCIA PINHEIRO SANTOS PIMENTA (1004) SEASONAL CHANGES IN THE METABOLIC PROFILE OF ANNONA MURICATA BY NMR-BASED METABOLOMICS
11:55 12:10	DENISE MEDEIROS SELEGATO (1296) INTEGRATION OF 1H-NMR-DEREPLICATION ALGORITHM AND MS/MS MOLECULAR NETWORKING FOR THE IDENTIFICATION OF BIOACTIVE SECONDARY METABOLITES"
12:10 12:35	INVITED LECTURE LESLIE GUNATILAKA TRADITIONAL MEDICINE INSPIRED DISCOVERY OF NATURAL PRODUCTS-BASED ANTICANCER AGENTS

10:20 - 12:35 🕒
Golden Hall 8 📍
Channel 08 🔄

Chemistry Education (CE)

Chair: Mustafa Sozbulir
Co-chair: Diane Mary Bunce

10:20 11:00	KEYNOTE LECTURE RACHEL MAMLOK-NAAMAN EVIDENCE-BASED PROFESSIONAL DEVELOPMENT OF TEACHERS IN THE CHEMISTRY LABORATORY
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11:00 11:15	MUSTAFA SÖZBİLİR (487) AN INSTRUCTIONAL DESIGN MODEL FOR TEACHING SCIENCE CONCEPTS TO VISUALLY IMPAIRED STUDENTS
11:15 11:30	MARIANA REZK (304) INTEGRATION OF SAFETY IN TEACHING CHEMISTRY UNDERGRADUATE STUDENTS IN URUGUAY
11:30 11:45	RAFAEL E. VASQUEZ (923) COLLABORATIVE MANAGEMENT TASKS AND SYNCHRONIZED INTEGRATION OF METACOGNITIVE TOOLS ON STUDENTS PERFORMANCE IN BOTH COMPUTER ASSISTED AND HANDS-ON REAL EXPERIMENTS.
11:45 12:00	MICHAEL GEORGE WALTER (2179) ADVANCING EDUCATOR KNOWLEDGE THROUGH LOCAL RESEARCHER PARTNERSHIPS USING A NEW POLYMER SEMICONDUCTOR EDUCATION KIT AND CURRICULUM
12:00 12:15	LILIANA MAMMINO (1171) SIGNIFICANCE OF INCORPORATING INFORMATION ABOUT GREEN CHEMISTRY INTO THEORETICAL CHEMISTRY COURSES IN SUB-SAHARAN AFRICA

12:35 - 14:20 ☉
São Paulo 3 📍

Elsevier

12:35 - 14:20 ☉

🍴 LUNCH (FREE AFTERNOON TO IUPAC CONGRESS)

14:20 - 18:00 ☉
Matisse Room 📍

Thermo Fisher Scientific Users Meeting

Innovation and technological advances in chromatography and mass spectrometry

14:20 - 17:20 ☉
São Paulo 1 📍

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA FÍSICO-QUÍMICA / QUÍMICA TEÓRICA

Coordenador: Nelson Henrique Morgon (UNICAMP)

14:20 14:35	“COMPUTATIONAL STUDIES OF IONIC LIQUID DIFFUSION INSIDE CHARGED SLITS” GIULIA MURBACH DE OLIVEIRA (UNIFESP)
14:35 14:40	DISCUSSÃO
14:40 14:55	“MOLECULAR DYNAMICS AND DFT ANALYSIS OF TERT-BUTANOL SOLVENT EFFECT FOR FLUORINATION WITH POTASSIUM AND CESIUM FLUORIDES” JOSEFREDO R. PLIEGO JR (UFSJ)
14:55 15:00	DISCUSSÃO

15:00 15:15	“RHEOLOGICAL AND MORPHOLOGICAL STUDIES OF CATIONIC CELLULOSE NANOFIBRILS EXTRACTED FROM SUGARCANE BAGASSE” CAROLINE E. P. SILVA (CNPEM)
15:15 15:20	DISCUSSÃO
15:20 15:35	“A QUANTUM THEORY CHARGE-CHARGE TRANSFER-DIPOLAR POLARIZATION INTERPRETATION OF THE HYDROGEN-BOND” LEONARDO J. DUARTE (UNICAMP)
15:35 15:40	DISCUSSÃO
15:40 15:55	“XPS STUDY OF 1-OCTYL-1-METHYLPYRROLIDINIUM HEXAFLUOROANTIMONATE (V) IONIC LIQUID: X-RAY MEDIATED PHOTOREDUCTION OF SB (V) TO SB (III)” LUIZ S. LONGO JR (UNIFESP)
15:55 16:00	DISCUSSÃO
16:00 16:20	INTERVALO
16:20 16:35	“DFT ELUCIDATION OF REGIO- AND ENANTIOSELECTIVE HECK ARYLATION USING ACYCLIC OLEFINS AND ARYLDIAZONIUM SALTS AS SUBSTRATES” VITOR HUGO MENEZES DA SILVA (IQUSP)
16:35 16:40	DISCUSSÃO
16:40 16:55	“UNBINDING ENERGY OF THE GLYPHOSATE HERBICIDE IN THE EPSPS ENZYME BINDING SITE USING POTENTIAL OF MEAN FORCE” BRENDA SANTOS DIAS FRACHONI (UFU)
16:55 17:00	DISCUSSÃO
17:00 17:15	“REVISITING THE NORBORNENYL CATION: A QTAIM, NBO, MULTICENTRIC DELOCALIZATION AND KINETICAL EXPLORATION” SARA FIGUEIRÊDO DE ALCÂNTARA MORAIS (UNB)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 🕒
São Paulo 2 📍

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA FOTOQUÍMICA

Coordenadora: Carla Cristina S. Cavalheiro (IQSC-USP)

14:20 14:35	“OBTAINING OF PHOTOACTIVE NANOMATERIAL DERIVED FROM CASHEW NUT SHELL LIQUID (CNLS) FOR THE REMOVAL OF TOXIC POLLUTANTS FROM WASTEWATER” VIVIANE GOMES PEREIRA RIBEIRO (UFC)
14:35 14:40	DISCUSSÃO

14:40 14:55	“A NEW INTERPRETATION OF ELETROCHEMICAL EXFOLIATION MECHANISM OF GRAPHENE OXIDE AND ITS LUMINESCENT PARTICLES CONTROL” RODOLFO T. FERREIRA (UEPG)
14:55 15:00	DISCUSSÃO
15:00 15:15	“SYNTHESIS AND CHARACTERIZATION OF WHITE-BLUE FLUORESCENT COPPER NANOPARTICLES” LADY VANESSA Q. GARRIDO (IQUSP)
15:15 15:20	DISCUSSÃO
15:20 15:35	“FLUORESCENT CARBON DOTS NANOPARTICLES DERIVED FROM NATURAL MATERIAL OF “ACEROLA” FRUIT FOR SENSITIVE FE (III) DETECTION” JOTSON C. DE CAMPOS (UFMT)
15:35 15:40	DISCUSSÃO
15:40 15:55	“A STUDY OF THE LUMINESCENCE PROPERTIES OF NOVEL HELICAL BENZO[4,5]-IMIDAZO[1,2-A][1,10]PHENANTHROLINES AND THEIR INTERACTION WITH SILVER NANOPARTICLES” RODOLFO I. TEIXEIRA (UFRJ)
15:55 16:00	DISCUSSÃO
16:00 16:20	INTERVALO
16:20 16:35	“PLASMONIC PHOTODEGRADATION IN THE VISIBLE OF REACTIVE BLACK 5 MONITORED BY RAMAN AND ELECTRONIC SPECTROSCOPIES” PATRICIA BARROS SANTOS (UFJF)
16:35 16:40	DISCUSSÃO
16:40 16:55	“GROWTH OF A NANOCOMPOSITE FORMED BY SILVER NANOPARTICLES AND A LUMINESCENT COMPLEX ON A SILICA SUBSTRATE FOR FUTURE FIBER-OPTIC SENSORS APPLICATION” RAFAELA RIGONI TEIXEIRA (UTFPR)
16:55 17:00	DISCUSSÃO
17:00 17:15	“LUMINESCENT TANTALUM GERMANATE GLASSES AND GLASS-CERAMICS” CRISTIANO RAMOS DA CUNHA (UNIFAL)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 18:40 🕒

São Paulo 3 📍

Abiquim Seminar on Technology and Innovation 2017**Panel 2: Challenges of Industrial Biotechnology in Brazil**

In addition to the technological challenges, innovation in biotechnology faces other challenges, such as the regulatory framework; Public and private investment; Capacity building focused on innovation and geared to the needs of the bioindustry. In this sense, this panel will bring together representatives from the private sector, government and academia to discuss, in a broad way, the challenges of Industrial Biotechnology in Brazil.

Moderator:

Paulo Coutinho (Senai-Cetiqt)

Speakers:

Gabriel Gorescu (Solvay)

Bernardo Silva (ABBI)

Secretário Marcos Vinicius de Souza (MDIC)

Denise Ferreira (CAS)

Giani Valent (Amyris)

14:20 - 17:20 🕒

WTC Theater 1 📍

Channel 09 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA ELETROQUÍMICA E ELETROANALÍTICA

Coordenadora: Maria Valnice B. Zanoni (IQAr-UNESP)

14:20 "METAL LOADING AND DIFFERENT SUPPORTS FOR PTSNNI ELECTROCATALYSTS"
14:35 LUANNA S. PARREIRA (IQUSP)

14:35 DISCUSSÃO
14:40

14:40 "THE EFFECT OF HEAT TREATMENT ON ELECTROCATALYTIC PERFORMANCE OF CU BULK AT CO2 REDUCTION: EVIDENCE OF THE ROLE OF CU2O"
14:55 OSMANDO FERREIRA LOPES (IQSC-USP)

14:55 DISCUSSÃO
15:00

15:00 "PAPER-BASED DEVICES FOR ELECTROCHEMICAL AND SERS SENSING"
15:15 WILSON AKIRA AMEKU (IQUSP)

15:15 DISCUSSÃO
15:20

15:20 "SOLAR WATER REMEDIATION: DISINFECTION AND REMOVAL OF CONTAMINANTS OF EMERGING CONCERN USING SEMICONDUCTOR ELECTRODES AND SOLAR CELLS"
15:35 CLAUDIA LONGO (UNICAMP)

15:35 DISCUSSÃO
15:40

15:40 NANOCOMPOSITES BASED ON GRAPHENE, POLYANILINE AND GOLD NANOPARTICLES FOR ENERGY STORAGE DEVICES"
15:55 FERNANDA NIEMANN PELLICER (UPM)

15:55 DISCUSSÃO
16:00

16:00 INTERVALO
16:20

16:20 "DOES GEOMETRY MATTER IN NANOPARTICLE'S REACTIVITY TOWARDS GLUCOSE
16:35 SENSING?"FABIÁN ANDREE CERDA PASTRIÁN (IQUSP)

16:35 DISCUSSÃO
16:40

16:40 "CORE-SHELL HYBRID NANOSTRUCTURE BASED ON POLYPYRROLE NANOTUBES
16:55 COATED WITH NI(OH)₂ FOR HIGH PERFORMANCE SUPERCAPACITORS"FRANCIELE
WOLFART (UFPR)

16:55 DISCUSSÃO
17:00

17:00 "DETERMINATION OF LEVAMISOLE IN COCAINE SAMPLES BY SQUARE-WAVE
17:15 VOLTAMMETRY AND DECONVOLUTION TECHNIQUES"RAQUEL GOMES DA ROCHA
(UFU)

17:15 DISCUSSÃO E ENCERRAMENTO
17:20

14:20 - 17:20 🕒
WTC Theater 2 📍
Channel 10 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA ENSINO DE QUÍMICA

Coordenador: Marlon Herbert F.B. Soares (UFG)

14:20 "HISTORY OF CHEMISTRY: CARLO MATTEUCCI AND THE ELECTROLYSIS LAW"MATEUS C.
14:35 G. DOS SANTOS (UEM)

14:35 DISCUSSÃO
14:40

14:40 "ANALYSIS OF BRAZILIAN HIGH SCHOOL CHEMISTRY TEXTBOOKS ABOUT POLYMERS"
14:55 WALACE MARTINS MOREIRA (IFMA)

14:55 DISCUSSÃO
15:00

15:00 "CHEMISTRY'S CONTENT IN TEACHING PRACTICE AND IN EXAMINATION
15:15 ITEMS"LETÍCIA TELES CARVALHO (IFSP)

15:15 DISCUSSÃO
15:20

15:20 "SCIENTIFIC AND CULTURAL DIMENSIONS FROM THE PERSPECTIVE OF HIGH SCHOOL
15:35 STUDENTS IN A WORKSHOP ON INDIGENOUS ISSUES"ALINE KUNDLATSCH (UFPR)

15:35 DISCUSSÃO
15:40

15:40 "THE MAIN CONCEPTS RELATED TO THE INTERMOLECULAR FORCES FROM
15:55 UNDERGRADUATE CHEMISTRY STUDENTS: AN APPROACH ACCORDING TO THE SOCIAL
REPRESENTATION THEORY"FLÁVIO ANTONIO MAXIMIANO (IQUSP)

15:55 DISCUSSÃO
16:00

16:00 INTERVALO
16:20

16:20 16:35	"THE PRACTICE AS A CURRICULAR COMPONENT AND THE INTERNSHIP SUPERVISED IN THE UNDERSTANDING OF CHEMISTRY GRADUATES: BETWEEN THE TEXT AND THE CONTEXT" NYUARA ARAÚJO S. MESQUITA (UFG)
16:35 16:40	DISCUSSÃO
16:40 16:55	"CHEMISTRY IN THE PRIMARY SCHOOL: AN EXPERIENCE WITH PRIMARY SCHOOL STUDENTS" GABRIELA CHAGAS CAMARA (IFTM-MG)
16:55 17:00	DISCUSSÃO
17:00 17:15	"THE STUDENT'S DIFFICULTIES WITH A METACOGNITIVE INSTRUMENT" PATRÍCIA FERNANDES LOOTENS MACHADO (UNB)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 📍
Golden Hall 1 📍
Channel 01 📡

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA QUÍMICA ORGÂNICA

Coordenador: Mauricio Moraes Victor (UFBA)

14:20 14:35	"ORGANOCATALYTIC AND EPIMERIZATION-FREE SYNTHESIS OF DUAL PROTECTED AMINO ACID DERIVATIVES" PEDRO PÔSSA DE CASTRO (UFJF)
14:35 14:40	DISCUSSÃO
14:40 14:55	"ONE-POT, METAL FREE SYNTHESIS OF FUNCTIONALIZED INDOLINES USING IN SITU GENERATED ALLYLBORONIC ACIDS" JOSÉ AUGUSTO FORNI (UNICAMP)
14:55 15:00	DISCUSSÃO
15:00 15:15	"BAEYER-VILLIGER OXIDATION MEDIATED BY PHENYLSELENINIC ACID RESIN IN CONTINUOUS FLOW CONDITIONS: A SUSTAINABLE ALTERNATIVE IN DEGRADATION OF LIGNIN MODEL COMPOUNDS" KEVIN DE AQUINO DIAS (IQUSP)
15:15 15:20	DISCUSSÃO
15:20 15:35	"MECHANISTIC STUDIES IN MULTICOMPONENT REACTIONS FOR PREPARATION OF QUINOLINES CATALYZED BY $FeCl_3$ " IVES ANTONIO LEONARCZYK (UFSCAR)
15:35 15:40	DISCUSSÃO
15:40 15:55	"C-O ULLMANN COUPLING AS A KEY-STEP IN THE SYNTHESIS OF ATOMOXETINE" CRISTIANE S. SCHWALM (UFRG)
15:55 16:00	DISCUSSÃO
16:00 16:20	INTERVALO

16:20 16:35	"TOWARDS THE TOTAL SYNTHESIS OF THE TETRACYCLIC CORE OF ERGOT ALKALOIDS" EDSON GARAMBEL-VILCA (USP)
16:35 16:40	DISCUSSÃO
16:40 16:55	"SYNTHESIS OF 3-IODOSELENOPHENE VIA IODOCYCLIZATION FROM 2-(BUTYLSELANYL)-1-(ALKYNYL)-CYCLOHEXANOL" KAMILA KAYSER GASOLA (UFSM)
16:55 17:00	DISCUSSÃO
17:00 17:15	"STRUCTURE-PHOTOPHYSICAL PROPERTIES RELATIONSHIP OF SYNTHETIC BETALAINS" CAROLINE DE OLIVEIRA MACHADO (IQSP)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 📍
 Golden Hall 2 📍
 Channel 02 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA QUÍMICA DE PRODUTOS NATURAIS

Coordenador: Roberto Gomes de Souza Berlinck (IQSC-USP)

14:20 14:35	"CHEMICAL ANALYSIS OF DORSAL ABDOMINAL GLAND AND METATHORACIC SCENT GLAND: DIFFERENCE BETWEEN NYMPHS AND ADULTS OF LEPTOGLOSSUS ZONATUS (DALLAS)" KATIA MIYUKI INOUE (UFPR)
14:35 14:40	DISCUSSÃO
14:40 14:55	"COMPUTER ASSISTED 3D STRUCTURAL ELUCIDATION OF NATURAL PRODUCTS USING ISOTROPIC AND ANISOTROPIC NMR PARAMETERS " ARMANDO NAVARRO-VÁZQUEZ (UFPE)
14:55 15:00	DISCUSSÃO
15:00 15:15	"CHEMICAL PROFILE OF TETRAPTERYS MULTIGLANDULOSA, A PLANT SUSPECTED CAUSING CATTLE INTOXICATION IN BRAZIL" HELENA MANNOCHIO RUSSO (IQAR- UNESP)
15:15 15:20	DISCUSSÃO
15:20 15:35	"NEW ACETOGENINS FROM THE SEEDS OF PORCELIA MACROCARPA R. E. FRIES (ANNONACEAE)" EMERSON ALVES DE OLIVEIRA (UNIFESP)
15:35 15:40	DISCUSSÃO
15:40 15:55	"NEW PHENYLPROPANOIDS FROM CROTON VELUTINUS (EUPHORBIACEAE)" LUCAS SILVA ABREU (UFPB)
15:55 16:00	DISCUSSÃO
16:00 16:20	INTERVALO

16:20 16:35	"DISCRIMINATION OF THE PINE SAP ACCORDING TO ITS METABOLITES: IMPLICATION ON DETERRENCE FOR CAPUCHIN MONKEYS (SAPAJUS NIGRITUS)" EDY SOUSA DE BRITO (EMBRAPA)
16:35 16:40	DISCUSSÃO
16:40 16:55	"BIOSPROSPECTION AND CHEMOSYSTEMATICS RELEVANCE OF γ -BUTYROLACTONES IN LAURACEAE SPECIES" TALITA VILALVA FREIRE (UFMS)
16:55 17:00	DISCUSSÃO
17:00 17:15	"UNEXPECTED REARRANGEMENT AND AROMATIZATION ON DEHYDRATION REACTION OF THE DITERPENEQUINONE 7-HYDROXYROILEANONE" GILDA GUIMARÃES LEITÃO (UFRJ)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 🕒
Golden Hall 3 📍
Channel 03 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA QUÍMICA MEDICINAL/QUÍMICA BIOLÓGICA

Coordenador: Rafael Victorio Carvalho Guido (IFSC-USP)

14:20 14:35	"IMIDAZO-PYRIMIDINES AND IMIDAZO-PYRAZINES AS POTENTIAL ALK INHIBITORS" ALEXANDRE ORSATO (UEL)
14:35 14:40	DISCUSSÃO
14:40 14:55	"VIRTUAL SCREENING AND BIOLOGICAL ASSAY OF ADENOSINE RECEPTOR 2B ANTAGONISTS" MARCELO SANTOS CASTILHO (UFBA)
14:55 15:00	DISCUSSÃO
15:00 15:15	"MULTI PARAMETRIC OPTIMIZATION OF A SERIES OF POTENT CRUZAIN INHIBITORS AS DRUG CANDIDATES FOR CHAGAS DISEASE" IVANI PAULI (IFSC-USP)
15:15 15:20	DISCUSSÃO
15:20 15:35	"THIOSEMICARBAZIDES AS INHIBITORS OF TYROSINASE ENZYME AND THEIR PHOTOPROTECTIVE EFFECT TARGETING ANTI-SKIN CANCER ACTIVITY" DANILO SOUSA-PEREIRA (UFRRJ)
15:35 15:40	DISCUSSÃO
15:40 15:55	"INHIBITION KINETICS STUDIES AND MOLECULAR MODELING OF GLYCOCONJUGATE 1H-1,2,3-TRIAZOLES ON β -GLUCOSIDASE: DEVELOPING NEW ANTIDIABETIC COMPOUNDS" MÁRIO ROBERTO SENGER (FIOCRUZ)
15:55 16:00	DISCUSSÃO
16:00 16:20	INTERVALO

16:20 16:35	"NOVEL ACYL DERIVATIVES OF ISONIAZID ARE MORE POTENT AGAINST MYCOBACTERIUM TUBERCULOSIS AND LESS HEPATOCYTOTOXIC THAN THIS ANTITUBERCULOSIS DRUG" FREDERICO SILVA CASTELO BRANCO (FIOCRUZ)
16:35 16:40	DISCUSSÃO
16:40 16:55	"DISCOVERY OF NEW N-ACYLHYDRAZONES DERIVATIVES INHIBITORS OF P38 MAPK WITH ANTI-INFLAMMATORY ACTIVITY IN MODELS IN VIVO" ROSANA HELENA C. N. FREITAS (UFRJ)
16:55 17:00	DISCUSSÃO
17:00 17:15	"PHOSPHOENOLPYRUVATE CARBOXYKINASE IMMOBILIZED ON TO MAGNETIC BEADS FOR PROSPECTING LIGANDS " BRUNO SÉRGIO DO AMARAL (UFSCAR)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 🕒
 Golden Hall 4 📍
 Channel 04 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA QUÍMICA AMBIENTAL

Coordenadora: Maria Cristina Canela Gazotti (UENF)

14:20 14:35	"O-DGT DEVICES FOR THE DETERMINATION OF EMERGING CONTAMINANTS IN AQUEOUS MATRICES" TIAGO WACHESKI (UFPR)
14:35 14:40	DISCUSSÃO
14:40 14:55	"EVALUATION OF PRE-OXIDATION ALTERNATIVES WITH OZONE, CHLOROAMINE AND CHLORINE DIOXIDE IN A WATER TREATMENT PLANT USING POLYALUMINIUM CHLORIDE (PAC) AS COAGULANT AND WITH CAPTATION IN THE ATIBAIA RIVER: DETERMINATION OF BY-PRODUCTS VIA GAS CHROMATOGRAPHY-MASS SPECTROMETRY" MARIA APARECIDA CARVALHO DE MEDEIROS (UNICAMP)
14:55 15:00	DISCUSSÃO
15:00 15:15	"STABILITY STUDIES FOR MANGANESE DIOXIDE NANOFLOWERS ON GAS DIFFUSION ELECTRODES DURING AZO DYE DECOLORATION" LUCI ROCHA AVEIRO (UFABC)
15:15 15:20	DISCUSSÃO
15:20 15:35	"ACID ROCK DRAINAGE - UNVEILING THE REACTION MECHANISM BY DFT CALCULATIONS" HÉLIO ANDERSON DUARTE (UFMG)
15:35 15:40	DISCUSSÃO
15:40 15:55	"TECHNOLOGICAL ASSESSMENT ON BIOCONVERSION PROCESSES CO2 USES FOR BIOPOLYMER PRODUCTION" GABRIELA S. CERQUEIRA (UFBA)
15:55 16:00	DISCUSSÃO

16:00 16:20	INTERVALO
16:20 16:35	"DETERMINATION OF BOUND- AND FREE-CARBONYL COMPOUNDS IN AIRBORNE PARTICLES" INGRID MARCELA M. CARDOZO (UFBA)
16:35 16:40	DISCUSSÃO
16:40 16:55	"ARSENIC BIO VOLATILIZATION BY FUNGI ISOLATED FROM BRAZILIAN PADDY SOILS" BRUNO LEMOS BATISTA (UFABC)
16:55 17:00	DISCUSSÃO
17:00 17:15	"MAPPING THE ENVIRONMENTAL RISK OF CONTAMINATION OF BRAZILIAN SOIL AND GROUNDWATER BY COCCIDIOSTATS AND GROWTH PROMOTERS" ALEJANDRO YOPASÁ ARENAS (UNICAMP)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 📍

Golden Hall 5 📍

Channel 05 📡

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA QUÍMICA ANALÍTICA

Coordenadora: Clésia Cristina Nascentes (UFMG)

14:20 14:35	"A PAPER-BASED COLORIMETRIC SPOT TEST FOR THE IDENTIFICATION OF FAKE-WHISKEYS" THIAGO MIGUEL GARCIA CARDOSO (UFG)
14:35 14:40	DISCUSSÃO
14:40 14:55	"AMINO-FUNCTIONALIZED GRAPHENE QUANTUM DOTS COUPLED WITH GOLD NANOPARTICLES: A FIRST EVALUATION AS AN ANALYTICAL PROBE" CARLOS ALBERTO TOLOZA TOLOZA (PUC-RIO)
14:55 15:00	DISCUSSÃO
15:00 15:15	"DETERMINATION OF SI, FE, MG, CA, AND AL IN SLAG AND CEMENT BY LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS) USING B AND LI AS INTERNAL STANDARD" ALEXANDRINA APARECIDA COSTA CARVALHO (IQUSP)
15:15 15:20	DISCUSSÃO
15:20 15:35	"RARE EARTHS ELEMENTS PRECONCENTRATION USING DISPERSIVE MICROEXTRACTION LIQUID-LIQUID AND DETERMINATION OF BY DISPERSIVE ENERGY X-RAY FLUORESCENCE SPECTROMETRY" FÁBIO ALAN CARQUEIJA AMORIM (UESC)
15:35 15:40	DISCUSSÃO
15:40 15:55	DEVELOPMENT AND VALIDATION OF A METHOD FOR SIMULTANEOUS DETERMINATION OF TRACE LEVELS OF FIVE MACROCYCLIC LACTONES IN CHEESE BY HPLC-FLUORESCENCE" EDUARDO SILVA BAHIANSE DE LYRA (UFF)
15:55 16:00	DISCUSSÃO

16:00 16:20	INTERVALO
16:20 16:35	"P-IN-TUBE SPME WITH MOLECULARLY IMPRINTED POLYMER FOR DETERMINATION OF TRIAZINES IN GRAPES AND WHOLE GRAPE JUICES SAMPLES" ANA LÚCIA TOFFOLI (IQSC-USP)
16:35 16:40	DISCUSSÃO
16:40 16:55	"DEVELOPMENT OF A METHOD TO EVALUATE THE DISTRIBUTION OF MINOXIDIL SULFATE IN SKIN BY MALDI IMAGING" GABRIELA AMARAL BUQUI (FCFRP-USP)
16:55 17:00	DISCUSSÃO
17:00 17:15	"DETERMINATION OF QUERCETIN IN FOODS AND BEVERAGES BY THE QUENCHING EFFECT OF CARBON DOT FLUORESCENCE" NATTANY TAYANY GOMES DE PAULA (UFPE)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 📍
 Golden Hall 6 📍
 Channel 06 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA QUÍMICA INORGÂNICA

Coordenadora: Shirley Nakagaki Bastos (UFPR)

14:20 14:35	"PHOTOREACTIVITY OF FAC-[RE(CO)3(NN)(TRANS-STPYCN)]+ COMPLEXES TOWARD MOLECULAR MACHINES" RONALDO COSTA AMARAL (IQUSP)
14:35 14:40	DISCUSSÃO
14:40 14:55	"DINUCLEAR SCHIFF BASE COPPER(II) COMPLEX HAS ITS CYTOTOXICITY TOWARD MELANOMA CELLS ENHANCED AFTER EXPOSURE OF THE CELLS TO UVB RADIATION" CLÉIA JUSTINO NUNES (IQUSP)
14:55 15:00	DISCUSSÃO
15:00 15:15	"ANALYSIS OF INORGANIC ELEMENTS ON PYGOSCELIS PAPUA THROUGH X-RAY FLUORESCENCE" BEATRIZ GONÇALVES DE OLIVEIRA (UEAM)
15:15 15:20	DISCUSSÃO
15:20 15:35	"GADOLINIUM(III) COMPLEXES WITH N-ALKYL-N-METHYLGLUCAMINE SURFACTANTS INCORPORATED INTO LIPOSOMES AS POTENTIAL MRI CONTRAST AGENTS" SIMONE RODRIGUES SILVA (UFRR)
15:35 15:40	DISCUSSÃO
15:40 15:55	"CEO2-AU AS A PLASMONIC PHOTOCATALYST FOR THE DEGRADATION OF AN AZO-DYE" ALICE COSENZA REINALDO (UNICAMP)
15:55 16:00	DISCUSSÃO

16:00 16:20	INTERVALO
16:20 16:35	"LUMINESCENT MULTIDENTATE LIGANDS AND THEIR APPLICATION IN IDENTIFICATION OF METALLIC IONS" FABIANE DOS SANTOS CARLOS (UFPR)
16:35 16:40	DISCUSSÃO
16:40 16:55	"NEW [HGTE]-BASED CLUSTERS DERIVED FROM THE 2-PYRIDINYLTELLURIUM MOIETY" SAILER SANTOS DOS SANTOS (UFSM)
16:55 17:00	DISCUSSÃO
17:00 17:15	"IN SITU PREPARATION OF A HETEROBIMETALLIC 3D NETWORK USING AN OXAMATE-TYPE LIGAND" CINTIA ALMEIDA SIMOSONO (UNIFAL)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 🕒

Golden Hall 7 📍

Channel 07 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA QUÍMICA DE MATERIAIS

Coordenadora: Célia Machado Ronconi (UFF)

14:20 14:35	"INSIGHTS INTO CRYSTAL ENGINEERING OF COVALENT ORGANIC FRAMEWORKS (COFS)" RENATA AVENA MAIA (UFRJ)
14:35 14:40	DISCUSSÃO
14:40 14:55	"DUAL-RESPONSIVE POLY(ETHYLENE GLYCOL)-BASED HYDROGEL NANOCOMPOSITE FOR CONTROLLED RELEASE" ADLEY FORTI RUBIRA (UEM)
14:55 15:00	DISCUSSÃO
15:00 15:15	"THIN FILM OF GRAPHENE-DERIVED NANOCATALYSTS FOR MULTIPLE APPLICATIONS" LEANDRO HOSTERT (UFPR)
15:15 15:20	DISCUSSÃO
15:20 15:35	"PLAYING WITH SIZE: THE ROLLER COASTER OF SPR-MEDIATED CATALYSIS" RAFAEL S. GEONMONOND (IQUSP)
15:35 15:40	DISCUSSÃO
15:40 15:55	"SYNTHESIS OF HYBRID NANOSTRUCTURES BASED ON GOLD NANOPARTICLES AND THEIR ACTION IN THE MITOCHONDRIAL BIOENERGETIC" ABNER MAGALHÃES NUNES (UFAL)
15:55 16:00	DISCUSSÃO
16:00 16:20	INTERVALO

16:20 16:35	"THE INTERPLAY OF ELECTRONIC STRUCTURE, MORPHOLOGY AND CHARGE TRANSPORT IN POLYMER: FULLERENE BLENDS FOR PHOTOVOLTAICS" MARIA LUIZA M. ROCCO (UFRJ)
16:35 16:40	DISCUSSÃO
16:40 16:55	"SUSTAINABLE HYDROXYPROPYL METHYLCELLULOSE AEROGELS AS ADSORBENTS FOR WASTE WATER CONTAMINANTS" PAULO VINÍCIUS OLIVEIRA DE TOLEDO (IQUSP)
16:55 17:00	DISCUSSÃO
17:00 17:15	"DESIGN OF A TAILORED NANOMATERIAL FOR SUCROSE CAPTURE AND REMOVAL" STEPHANIE FULAZ SILVA (UNICAMP)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

14:20 - 17:20 📍
 Golden Hall 8 📍
 Channel 08 📺

40ª RASBQ - REUNIÃO ANUAL DA SOCIEDADE BRASILEIRA DE QUÍMICA CATÁLISE

Coordenadora: Katia Bernardo Gusmão (UFRGS)

14:20 14:35	"GLYCEROL ETHERIFICATION WITH TERT-BUTYL ALCOHOL CATALYZED BY NANOSTRUCTURED MFI-TYPE ZEOLITES" WAGNER ALVES CARVALHO (UFABC)
14:35 14:40	DISCUSSÃO
14:40 14:55	"THERMOLYSIN IMMOBILIZED ON FE ₃ O ₄ @SILICA NANOPARTICLE: PREPARATION AND CHARACTERIZATION OF A NEW RECOVERABLE BIOCATALYST" VITOR AUGUSTO UNGARO (IQUSP)
14:55 15:00	DISCUSSÃO
15:00 15:15	"STUDY OF THE REACTION CONDITIONS OF THE TRANSESTERIFICATION OF SOYBEAN OIL WITH METHANOL USING SOLID CATALYST OF HIGH ACIDITY - SULFATED TiO ₂ " MARIA LÚCIA SCHUMACHER ROCHA (UNIFESP)
15:15 15:20	DISCUSSÃO
15:20 15:35	"CALCINATION AND TIN ADDITION EFFECTS ON Ni/Al ₂ O ₃ CATALYST IN THE SOYBEAN OIL HYDROLYSIS" RICARDO REIS SOARES (UFU)
15:35 15:40	DISCUSSÃO
15:40 15:55	"PROPOSED MECHANISM OF WATER SPLITTING BY A MN(II) MONONUCLEAR COMPLEX" RAFAEL CAVALIERI MARCHI (UFSCAR)
15:55 16:00	DISCUSSÃO

16:00 16:20	INTERVALO
16:20 16:35	"ALTERNATING COPOLYMERIZATION OF LIMONENE OXIDE AND TETRAHYDROPHthalic ANHYDRIDE" KATHERINE FERNANDES DE JESUS (UFRJ)
16:35 16:40	DISCUSSÃO
16:40 16:55	"EPOXIDATION OF R-CARVONE WITH H ₂ O ₂ CATALYZED BY GA(NO ₃) ₃ : EFFECT OF CO-CATALYSTS ON THE ACTIVITY AND SELECTIVITY" GILVAN AGUIAR CORREIA (UFABC)
16:55 17:00	DISCUSSÃO
17:00 17:15	"GREEN OXIDATION OF 2-BUTANOL CATALYZED BY FECL ₃ /H ₂ O ₂ IN WATER" MARCOS LOPES DE ARAÚJO (UFABC)
17:15 17:20	DISCUSSÃO E ENCERRAMENTO

18:00 ⌚
Golden Hall 📍

Assembleia Geral da SBQ

22:00 ⌚

Festa da 40ª RASBQ

Thursday, 13th July

09:00 - 10:00 ☉

Golden Hall 📍

Plenary Lecture

Mei-Hung Chiu

National Taiwan Normal University (Taiwan)

GLOCALIZATION AND SUSTAINABILITY OF CHEMISTRY EDUCATION

10:00 - 10:20 ☉

☕ COFFEE BREAK

10:20 - 12:35 ☉

São Paulo 1 📍

Energy, Water and Environmental Sciences (EE) 1

Chair: Hubert Girault

Co-chair: Fritz Huguenin

10:20 KEYNOTE LECTURE

11:00 HUBERT GIRAULT

REDOX FLOW BATTERIES FOR CHARGING BOTH ELECTRIC & HYDROGEN CARS

11:00 INVITED LECTURE

11:25 MARK OBROVAC

ADVANCES IN LI-ION BATTERY NEGATIVE ELECTRODES

11:25 SIMON RANO (804)

11:40 ELECTROCHEMICAL STUDY OF LICOO₂ NANOPARTICLES SUSPENSIONS AS STORAGE MATERIAL FOR REDOX FLOW BATTERY

11:40 GEISAMANDA PEDRINI BRANDÃO (2446)

11:55 CHEMICAL COMPOSITION OF THE ACTIVE CATHODE MATERIAL OF DIFFERENT SPENT LIION BATTERIES: A STUDY TO MONITOR VARIATIONS OVER THE YEARS AND ASSIST IN THE RECYCLING PROCESSES

11:55 LEOPOLDO SUESCUN (2274)

12:10 PREPARATION OF NANOSTRUCTURED PEROVSKITE OXIDES FOR SOLID OXIDE FUEL CELL ELECTRODES BY GEL COMBUSTION

12:10 INVITED LECTURE

12:35 FRITZ HUGUENIN

ACID-BASE MACHINE: ELECTRICAL WORK FROM NEUTRALIZATION REACTIONS

10:20 - 12:35 🕒

São Paulo 3 📍

Abiquim Seminar on Technology and Innovation 2017**Panel 3: The Chemical Industry and Industry 4.0**

The large-scale application of digitization to industrial production gave rise to the advanced manufacturing concept. Due to the significant impacts of digitization on both the production and the development of products and processes, such changes have been considered as the fourth industrial revolution, giving rise to the term industry 4.0.

Companies that do not adopt digital technologies will find it very difficult to remain competitive.

In this context, this panel aims to bring the discussion of how companies will be impacted by this revolution highlighting the main opportunities and challenges for the chemical sector.

Moderator:

Johannes Klingberg (VDI)

Speakers:

Willi Nass (BASF)

Ecolab

Prof. Dr. Willi Meier (Dechema)

Luis Arouche (IBM)

10:20 - 12:35 🕒

WTC Theater 2 📍

Channel 10 📺

Research Data, Big Data, and Chemistry

Chair: Leah McEwen

Co-chair: David Martinsen

10:20 DAVID MARTINSEN

10:30 THE RISE OF PRIMARY RESEARCH DATA AND BIG DATA

10:30 JEREMY G. FREY

10:55 AN IUPAC FOR DIGITALLY DRIVEN CHEMISTRY

10:55 RAY BOUCHER

11:20 THE STATUS OF THE IUPAC INCHI CHEMICAL STRUCTURE STANDARD - TODAY AND THE FUTURE

11:20 STUART CHALK

11:45 ENHANCEMENTS TO THE IUPAC GOLD BOOK: GIVING CHEMICAL MEANING TO BIG DATA

11:45 IAN BRUNO

12:05 FROM EXPERIMENTS TO KNOWLEDGE: REPRODUCIBILITY, VALIDATION AND REUSE OF CRYSTAL STRUCTURE DATA

12:05 JEREMY G. FREY

12:35 COMPREHENSIVELY LEVERAGING THE WEB FOR THE PRODUCTION, MANAGEMENT AND DISSEMINATION OF CHEMICAL INFORMATION

10:20 - 12:35 🕒

Golden Hall 1 📍

Channel 01 📺

Chemical Synthesis (CS)

Chair: Ronaldo A. Pilli

10:20 11:00	KEYNOTE LECTURE RONALDO A. PILLI SYNTHESIS AND STRUCTURAL ELUCIDATION OF NATURAL DIHYDROPYRANONES
11:00 11:25	INVITED LECTURE YUJIRO HAYASHI POT ECONOMY AND TIME ECONOMY IN THE SYNTHESIS OF BIOLOGICALLY ACTIVE MOLECULES
11:25 11:40	LUIZ F. T. NOVAES (1864) TOWARDS THE TOTAL SYNTHESIS OF THE MEROTERPENOID ACTINORANONE
11:40 11:55	ZBIGNIEW CZARNOCKI (1496) STEREOSELECTIVE SYNTHESIS OF (-)-PODOPHYLLOTOXIN AND RELATED LIGNANS THROUGH THE PHOTOCYCLIZATION OF AN AXIALLY CHIRAL 3,4-BISBENZYLIDENE SUCCINATE AMIDE ESTERS
11:55 12:10	DANILO P. DE SANT'ANA (1476) LATE-STAGE INDOLE C6 FUNCTIONALIZATION: DIVERGENT TOTAL SYNTHESSES OF (+)-PREMALBRANCHEAMIDE, (+)-MALBRANCHEAMIDE C, AND (+)-MALBRANCHEAMIDE B
12:10 12:35	INVITED LECTURE JEFFREY JOHNSTON NEW CATALYSTS, METHODS, AND STRATEGIES FOR THERAPEUTIC DEVELOPMENT AND ON-DEMAND NATURAL PRODUCT TOTAL SYNTHESIS

10:20 - 12:35 🕒
Golden Hall 2 📍
Channel 02 📺

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Glaucius Oliva
Co-chair: Gerson Silva

10:20 11:00	KEYNOTE LECTURE GERSON SILVA CHEMICAL BIOLOGY OF THE PRION-LIKE AGGREGATION OF PROTEINS INVOLVED IN CANCER AND NEURODEGENERATIVE DISEASES
11:00 11:15	EDWARD LAWRENCE D'ANTONIO (1331) INHIBITION OF THE CHEMICALLY-VALIDATED DRUG-TARGET TRYPANOSOMA CRUZI GLUCOKINASE BY SBDD AND HTS
11:15 11:30	MELINA MOTTIN (2206) OPENZIKA: OPENING THE DISCOVERY OF NEW ANTIVIRAL CANDIDATES AGAINST ZIKA VIRUS AND INSIGHTS INTO DYNAMIC BEHAVIOR OF NS3 HELICASE
11:30 11:45	DONALD CARL HALL (931) DEVELOPMENT AND DESIGN OF SMALL MOLECULE BIOFILM INHIBITORS
11:45 12:25	KEYNOTE LECTURE GLAUCIUS OLIVA STRUCTURAL BIOLOGY AND DRUG DESIGN AGAINST ZIKA VIRUS RNA-DEPENDENT RNA-POLYMERASE

10:20 - 12:35 ☉

Golden Hall 3 📍

Channel 03 📺

Analytical & Food Chemistry (AC)

Chair: M. A. Z. Arruda

Co-chair: M. Montes-Bayon

10:20	KEYNOTE LECTURE
11:00	MARIA MONTES-BAYON NEW ANALYTICAL STRATEGIES TO ADDRESS NUTRACEUTICAL'S FATE IN BIOLOGICAL SYSTEMS
11:00	INVITED LECTURE
11:25	ZOLTAN MESTER ARSENIC SPECIATION IN CERTIFIED REFERENCE MATERIALS
11:25	BRANDON PRESLEY (1202)
11:40	METABOLITE PROFILING OF SYNTHETIC CANNABINOIDS VIA HUMAN LIVER MICROSOME (HLM) INCUBATION AND ULTRA HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY (UHPLC-MS/MS)
11:40	BEATA ZAWISZA (322)
11:55	NANO-OXIDES IN SPECIATION ANALYSIS OF TRACE-METAL SPECIES
11:55	ÉRICO M. M. FLORES (1621)
12:10	EVALUATION OF A COMBUSTION AID FOR MICROWAVE-INDUCED COMBUSTION OF SOIL SAMPLES WITH VARIABLE CONTENT OF ORGANIC MATTER AND FURTHER DETERMINATION OF HALOGENS
12:10	INVITED LECTURE
12:35	MARCO A. Z. ARRUDA UNRAVELING SOYBEAN/SUNFLOWER SEEDS AND BRAZIL NUTS THROUGH FRACTIONATION AND CHEMICAL SPECIATION

10:20 - 12:35 ☉

Golden Hall 5 📍

Channel 05 📺

Inorganic and Structural Chemistry (IC)

Chair: Yasuhi Tsuji

10:20	KEYNOTE LECTURE
11:00	PIERRE DIXNEUF RUTHENIUM-CATALYZED C-H BOND ACTIVATION AND FUNCTIONALIZATION EVEN IN WATER
11:00	INVITED LECTURE
11:25	DERYN E. FOGG UNEXPECTED REVELATIONS CONCERNING OLEFIN BINDING AND ELIMINATION IN RU-CATALYZED OLEFIN METATHESIS
11:25	NATALIA DEL PILAR MARTINEZ (1813)
11:40	IMPACT OF SUPRAMOLECULAR INTERACTIONS ON ELECTRONIC AND ELECTROCHEMICAL PROPERTIES OF CU(I) BIQUINOLINE COMPLEXES

11:40	MAGNUS T. JOHNSON (988)
11:55	INSIGHTS INTO THE COOPERATIVE NATURE OF 2-HYDROXYPYRIDINE-LIGATED IRIIDIUM COMPLEXES
11:55	WENF KEE LEONG (105)
12:10	MIXED METAL-METALLOID CLUSTERS AND RINGS OF OSMIUM AND ANTIMONY
12:10	INVITED LECTURE
12:35	YASUSHI TSUJI
	CATALYTIC FUNSCIONALIZATION OF USATURATED COMPOUND

10:20 - 12:35 ☉
Golden Hall 6 📍
Channel 06 🔄

Macromolecules and Materials (MM)

Chair: Richard Hoogenboom
Co-chair: Luiz Catalani

10:20	KEYNOTE LECTURE
11:00	CHRISTOPHER OBER
	AMBIGUOUS SURFACES: ANTIFOULING AND FOULING RELEASE COATINGS BASED ON SELF-ASSEMBLY
11:00	INVITED LECTURE
11:25	RICHARD HOOGENBOOM
	MULTIRESPONSIVE POLYMERS FOR DRUG DELIVERY, SENSORS AND ACTUATORS
11:25	JOHN B. MATSON (1352)
11:40	THE TRANSFER-TO METHOD IN BOTTLEBRUSH POLYMER SYNTHESIS
11:40	ANA C. VALDERRAMA (2329)
11:55	CHITOSAN BEADS FOR CONTROLLED RELEASE OF THE INDOLEACETIC-3-ACID (IAA)
11:55	ROBIN HUTCHINSON (2115)
12:10	SYNTHESIS AND RADICAL POLYMERIZATION KINETICS OF NOVEL BIODEGRADABLE MACROMONOMERS

10:20 - 12:35 ☉
Golden Hall 7 📍
Channel 07 🔄

Natural Products and Biodiversity (NB)

Chair: Christopher S. Jeffrey
Co-chair: Maysa Furlan

10:20	KEYNOTE LECTURE
11:00	CHRISTOPHER S. JEFFREY
	EXPLORATION OF ECOLOGICAL INTERACTIONS DRIVES CHEMICAL INNOVATION
11:00	INVITED LECTURE
11:25	NORMAN LEWIS
	RECENT ADVANCES IN UNRAVELLING AND EXPLOITING BIOCHEMICAL PATHWAYS TO AROMATIC FLAVORS/FRAGRANCES AND LIGNAN-DERIVED PHARMACEUTICALS

11:25 11:40	PAULA CAROLINA P. BUENO (1592) RELATIONSHIP BETWEEN INFRASPECIFIC CHEMICAL VARIABILITY AND BIOLOGICAL ACTIVITIES OF CASEARIA SYLVESTRIS SW. (SALICACEAE) COLLECTED IN DIFFERENT BRAZILIAN ECOSYSTEMS
11:40 12:05	INVITED LECTURE MAYSA FURLAN EMPOWERING BIOACTIVE METABOLITE PRODUCTION BY INTEGRATIVE MULTI-DOMAIN OMICS
12:05 12:20	GLORIA ALEJANDRINA COSCO (1964) CHROMATOGRAPHIC ANALYSIS OF THE FATTY ACIDS BY CG-MS OF THREE PERUVIAN LICHENS AND THE QUANTIFICATION OF THE USNIC ACID BY VISIBLE SPECTROSCOPY
12:20 12:35	AUGUSTO ETCHEGARAY(2231) GENOME ANALYSIS OF BACILLUS AMYLOLIQUEFACIENS OG: EXPLORING THE PRODUCTION OF SECONDARY METABOLITES USING ANTISMASH, NORINE AND HPLC

10:20 - 12:35 ☉
Golden Hall 8 📍
Channel 08 📺

Chemistry Education (CE)

Chair: David S. Di Fuccia
Co-chair: Gultekin Cakmaci

10:20 11:00	KEYNOTE LECTURE EDUARDO MORTIMER PEDAGOGIC LINK-MAKING IN HIGHER EDUCATION SCIENCE CLASSROOMS: DOES THE CONTENT MATTER?
11:00 11:15	OMAR A. EL SEOUD (1713) EDUCATION FOR SUSTAINABLE DEVELOPMENT IN THE UNDERGRADUATE LABORATORY: MICROWAVE-ASSISTED SYNTHESIS OF BIODIESEL FUELS FROM COCONUT FAT AND SOYBEAN OIL AND THEIR ANALYSIS BY GAS CHROMATOGRAPHY/ MASS SPECTROMETRY
11:15 11:30	THIAGO R. MADURO (1229) EFFECT OF A DIDACTIC INTERVENTION ON PHOTOELECTROCHEMICAL CELLS IN THE KNOWLEDGE OF GRADUATE STUDENTS: A POSSIBILITY FOR TEACHING OF SCIENCES IN SECONDARY EDUCATION
11:30 11:45	EKATERINA A. MENDELEEVA (1065) ORGANIC CHEMISTRY FOR BIOLOGY-FOCUSED HIGH SCHOOL STUDENTS AT AESC MSU: TEACHING AND SPECIFICS
11:45 12:00	TAYNARA O. SILVA (479) THE HOLOGRAPHIC PYRAMID AS A DIDACTIC TOOL IN THE TEACHING OF CHEMISTRY
12:00 12:40	KEYNOTE LECTURE DIANE MARY BUNCE LOOKING AT THE AVERAGE CHEMISTRY STUDENT IN A NEW WAY

12:35 - 14:20 ☉
São Paulo 1 📍

Eastman

12:35 - 14:20 ☉ 🍴 LUNCH

14:20 - 16:20 ☉
São Paulo 1 📍

Energy, Water and Environmental Sciences (EE) 1

Chair: Natalie Stingelin

Co-chair: Claudia Longo

14:20	INVITED LECTURE
14:45	SOURAV SAHA STIMULI-RESPONSIVE FUNCTIONAL MATERIALS
14:45	MATHEUS S. DE HOLANDA (180)
15:00	MODIFICATION ON PEROVSKITE LAYERS FOR MORE HUMIDITY TOLERANT SOLAR CELLS
15:00	JULIANA F. DE BRITO (1151)
15:15	WATER SPLITTING AND SIMULTANEOUS PHOTOCATALYTIC CO ₂ REDUCTION USING COUPLING OF NTIO ₂ /CUO AND GDL/CU ₂ O SEMICONDUCTORS ELECTRODES
15:15	INVITED LECTURE
15:40	CAN XUE SELF-SENSITIZED CARBON NITRIDE MICROSPHERES FOR EFFICIENT VISIBLE-LIGHT-DRIVEN HYDROGEN GENERATION
15:40	KEYNOTE LECTURE
16:20	NATALIE STINGELIN COOL'PLASTICS: TOWARDS NOVEL HEAT AND LIGHT MANAGEMENT CONCEPTS BASED ON SOLUTION-PROCESSABLE POLYMERS AND INORGANIC/ORGANIC HYBRID SYSTEMS

14:20 - 16:20 ☉
São Paulo 3 📍

Abiquim Seminar on Technology and Innovation 2017

Panel 4: Venture Capital as a Funding Mechanism to foster Innovation

In recent years, several initiatives have been launched aiming to build a new ecosystem of innovation in Brazil. This panel will discuss Venture Capital as a new funding mechanism, bringing to the discussion some cases of successful start-ups related to the chemical sector.

Moderator:

Rafael Navarro (Braskem)

Speakers:

Ângela Ximenes (ABVCAP)

Alexandre Alves (INSEED)

Almir Araújo (BASF)

Juliano Andrade (Oxiambiental)

Startup 2

Startup

14:20 - 16:20 🕒

WTC Theater 1 📍

Channel 09 🎧

Nano Science and Technology (NT)

Chair: Kurt Kremer

Co-chair: Glaura G. Silva

14:20	INVITED LECTURE
14:45	KARL LEO ORGANIC SEMICONDUCTORS: FROM MATERIALS DESIGN TO DEVICE APPLICATIONS
14:45	JAVIER VELA (167)
15:00	FILLED TETRAHEDRAL SEMICONDUCTORS: SOLUTION PHASE SYNTHESIS OF LOW DIMENSIONAL INTERMETALLICS
15:00	JULIANE NOGUEIRA BATISTA DIAS PELIN (285)
15:15	TRYPEPTIDE (L-PHENYLALANINE-L-PHENYLALANINE-L-CYSTEINE) AGGREGATION IN PRESENCE OF GOLD NANOPARTICLES
15:15	GLAURA GOULART SILVA (2361)
15:30	IONIC LIQUID/GRAPHENE OXIDE AS ELECTROLYTE FOR APPLICATION IN ELECTROCHEMICAL ENERGY STORAGE
15:30	HENRIQUE E. TOMA
15:45	GREEN PROCESSING OF STRATEGIC ELEMENTS BASED ON MAGNETIC NANOHYDROMETALLURGY

14:20 - 16:20 🕒

WTC Theater 2 📍

Channel 10 🎧

Research Data, Big Data, and Chemistry

Chair: Leah McEwen

Co-chair: David Martinsen

14:20	ANGIE HUNTER
14:45	SUPPORTING INFORMATION REVIEW & DATA ANALYSIS AT ORGANIC LETTERS
14:45	BIPUL BEHARI SAHA
15:10	BIG DATA IN CHEMICAL INDUSTRY
15:10	MARTIN GERALD HICKS
15:35	BEWARE THE HYPES OF DIGITAL PUBLISHING - CREATING USEFUL INFORMATION REQUIRES WORK
15:35	DAVID BRYNN HIBBERT
16:00	MANAGING STANDARDS AND CRITICAL EVALUATION IN A WORLD OF BIG DATA
16:00	LEAH MCEWEN
16:20	SUPPORTING PRUDENT PRACTICES IN RESEARCH LABORATORIES: MANAGING CHEMICAL HEALTH AND SAFETY DATA

14:20 - 16:20 🕒
Golden Hall 1 📍
Channel 01 🗣️

Chemical Synthesis (CS)

Chair: John Montgomery

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| 14:20 | INVITED LECTURE |
| 14:45 | MARY P. WATSON
NICKEL-CATALYZED CROSS-COUPPLING REACTIONS OF ALKYL AMINE AND ALCOHOL DERIVATIVES |
| 14:45 | CAROLINA M. AVILA (1477) |
| 15:00 | ENANTIOSELECTIVE HECK-MATSUDA ARYLATIONS VIA PHASE-TRANSFER OF ARYL DIAZONIUM SALTS |
| 15:00 | NÚRIA MIRALLES PRAT (1569) |
| 15:15 | DECARBOXYLATIVE BORYLATION OF VINYL-BASED CYCLIC CARBONATES |
| 15:15 | INVITED LECTURE |
| 15:40 | ERIC MEGGERS
VISIBLE-LIGHT-ACTIVATED ASYMMETRIC TRANSITION METAL CATALYSIS |
| 15:40 | KEYNOTE LECTURE |
| 16:20 | JOHN MONTGOMERY
NEW CATALYSTS, REACTIVITY, AND MECHANISTIC INSIGHTS IN NICKEL-CATALYZED TRANSFORMATIONS |

14:20 - 16:20 🕒
Golden Hall 2 📍
Channel 02 🗣️

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Gabriela Barreiro

- | | |
|-------|---|
| 14:20 | INVITED LECTURE |
| 14:45 | JOSÉ L. MEDINA-FRANCO
AN OPEN CHEMOINFORMATIC PLATFORM FOR EXPLORING THE MEDICINALLY RELEVANT CHEMICAL SPACE |
| 14:45 | MARIO ALBERTO BARON-RODRIGUEZ (2324) |
| 15:00 | 3D STRUCTURE PREDICTION AND DYNAMICS OF TRANSMEMBRANE PROTEIN (PFENT1) |
| 15:00 | MARILIA VALLI (1508) |
| 15:15 | CHEMISTRY & BIOLOGICAL DIVERSITY: THE FIRST NATURAL PRODUCTS DATABASE FROM THE BRAZILIAN BIODIVERSITY |
| 15:15 | INVITED LECTURE |
| 15:40 | CAROLINA HORTA
DEVELOPMENT OF IN SILICO PLATFORMS FOR EARLY PREDICTION OF TOXICITY PROPERTIES OF DRUG CANDIDATES AND CHEMICALS |
| 15:40 | KEYNOTE LECTURE |
| 16:20 | WILLIAM L. JORGENSEN
COMPUTER-AIDED DISCOVERY OF ENZYME INHIBITORS |

14:20 - 16:20 🕒

Golden Hall 3 📍

Channel 03 🗣️

Analytical & Food Chemistry (AC)

Chair: Romà Tauler

Co-chair: Vincent Baeten

14h20 INVITED LECTURE

14h45 ALEJANDRO OLIVIERI

RECENT ADVANCES IN THE ESTIMATION OF MULTIVARIATE AND MULTIWAY ANALYTICAL FIGURES OF MERIT

14:45 HERY MITSUTAKE (386)

15:00

EVALUATION OF MISCIBILITY AND STABILITY PREDICTION OF MIXTURES OF CETYL PALMITATE AND SEVERAL LIQUID LIPIDS USED FOR NANOSTRUCTURED LIPID CARRIERS PREPARATION USING RAMAN MAPPING AND CLASSICAL LEAST SQUARES (CLS)

15:00 MARCELO M. SENA (1236)

15:15

A DATA FUSION MODEL BUILT WITH INFRARED AND PAPER SPRAY MASS SPECTRA TO PREDICT AND CHARACTERIZE THE COMPOSITION OF COFFEE BLENDS

15:15 INVITED LECTURE

15:40

VINCENT BAETEN

TARGETED AND UNTARGETED NIR DETECTION OF CONTAMINANTS AND FRAUD IN FOOD AND FEED

15:40 KEYNOTE LECTURE

16:20

ROMA TAULER

ANALYSIS OF HIGH THROUGHPUT OMICS ENVIRONMENTAL ANALYTICAL DATA BY CHEMOMETRIC METHODS

14:20 - 16:20 🕒

Golden Hall 4 📍

Channel 04 🗣️

Green Chemistry and Biotechnology (GB)

Chair: Anita Marsaioli

Co-chair: Aprígio Curvelo

14:20 INVITED LECTURE

14:45

ELBA BON

BIOMASS SUGAR SYRUPS: THE IMPORTANCE OF THE PRETREATMENT OPTION FOR THE SELECTED PRODUCTION AND CHARACTERIZATION OF C6 AND C5 SUGARS

14:45 MAYARA LUMA DE OLIVEIRA (1803)

15:00

IONIC LIQUIDS/DMSO AS SOLVENTS FOR CELLULOSE: EFFECTS OF CATION STRUCTURE

15:00 FRANCESCA MARIA KERTON (382)

15:15

OCEAN-RELATED SUSTAINABLE CHEMISTRY: SUSTAINABLE PROCESSING OF BLUE MUSSEL AQUACULTURE BY-PRODUCTS

15:15 INVITED LECTURE

15:40

GLAUCIA SOUZA

BIOENERGY & SUSTAINABILITY: BRIDGING THE GAPS

14:20 - 16:20 ⌚
Golden Hall 6 📍
Channel 06 📺

Macromolecules and Materials (MM)

Chair: Denise Petri
Co-chair: Ulrich Wiesner

14:20	INVITED LECTURE
14:45	DENISE PETRI HYBRID MAGNETIC SCAFFOLDS: THE ROLE OF SCAFFOLDS CHARGES ON THE CELL PROLIFERATION AND CA ²⁺ IONS PERMEATION
14:45	RAJESH PANDIT (1782)
15:00	EFFECT OF EPOXIDATION DEGREE ON MORPHOLOGY AND MECHANICAL PROPERTIES OF NANOSTRUCTURED EPOXY RESIN/STYRENIC BLOCK COPOLYMER BLENDS
15:00	OGUZ OKAY (343)
15:15	HYDROGELS WITH SELF-HEALING AND SHAPE-MEMORY FUNCTIONS TUNED BY HYDROPHOBIC INTERACTIONS
15:15	INVITED LECTURE
15:40	REDOUANE BORSALI CARBOHYDRATE-BASED BLOCK COPOLYMER SELF-ASSEMBLIES: NANOPARTICLES AND SUB_10NM NANOSTRUCTURED THIN FILMS
15:40	KEYNOTE LECTURE
16:20	ULRICH WIESNER FUNCTIONAL NANOMATERIALS FROM POLYMER SELF-ASSEMBLY

16:20 - 16:45 ⌚ ☕ COFFEE BREAK

16:45 - 17:45 ⌚
Golden Hall 📍

Plenary Lecture

Frances Separovic
University of Melbourne (Australia)

17:45 - 19:00 ⌚

Poster session at Golden Hall foyer

20:00 - 23:00 ⌚

Gala Dinner at Coco Bambu Restaurant

Friday, 14th July

09:20 - 11:05 🕒

São Paulo 1 📍

Energy, Water and Environmental Sciences (EE) 1

Chair: Maria Valnice Boldrin

Co-chair: Carlos Graeff

09:20 KEYNOTE LECTURE

10:00 MARIA VALNICE BOLDRIN

MODULATING THE CONVERSION OF CO₂ BY PHOTOELECTROCATALYSIS

10:00 ROMEU CARDOZO ROCHA-FILHO (2025)

10:15 THE ROLE OF ANODE MATERIAL IN THE ELECTROCHEMICAL REMOVAL OF ORGANIC CONTAMINANTS FROM AQUEOUS SOLUTIONS

10:15 ZHIGHANG TANG (596)

10:30 STUDY ON MEMBRANE DESORPTION OF CO₂ FROM LOADED-ABSORBENT

10:30 INVITED LECTURE

10:55 CARLOS GRAEFF

NOVEL APPROACHES FOR THE OPTIMIZATION OF SOLAR ENERGY HARVESTING AND CONVERSION DEVICES

09:20 - 11:05 🕒

Golden Hall 1 📍

Channel 01 🔄

Chemical Synthesis (CS)

Chair: Cesar Zucco

09:20 KEYNOTE LECTURE

10:00 MAGNUS RUEPING

SUSTAINABLE CATALYSIS - CONCEPTS AND APPLICATIONS

10:00 INVITED LECTURE

10:25 EVANDRO GIOTTO

SYNTHESIS AND STUDY OF THE LIQUID-CRYSTALLINE PROPERTIES OF DISCOTIC MOLECULES DERIVED FROM THE TRIS[1,2,4]TRIAZOLO[1,3,5]TRIAZINE CORE

10:25 LEE JAMES DURNDELL (1323)

10:40 SELECTIVITY CONTROL IN PT-CATALYSED BIOMASS-DERIVED SUBSTRATE HYDROGENATIONS

10:40 INVITED LECTURE

11:05 KARL SCHEIDT

COOPERATIVE CATALYSIS FOR CHEMICAL SYNTHESIS

09:20 - 11:05 🕒

Golden Hall 2 📍

Channel 02 🔄

Medicinal Chemistry and Chemical Biology (MB) 1

Chair: Etelvino Bechara

09:20 KEYNOTE LECTURE

10:00 ETSUO NIKI

OXIDATIVE STRESS: DISTRESS OR EUSTRESS?

10:00 INVITED LECTURE
10:25 CHRISTINE WINTERBOURN
REDOX CONTROL IN CELLS: EXTRAPOLATING CHEMICAL REACTIVITY OF REACTIVE OXIDANTS TO A CELLULAR ENVIRONMENT

10:25 INVITED LECTURE
10:50 PAUL J. THORNALLEY
DICARBONYL STRESS: A DYSFUNCTIONAL METABOLIC STATE DRIVING HEALTH IMPAIRMENT AND DISEASE

09:20 - 11:05 ☉
Golden Hall 3 📍
Channel 03 🎧

Analytical & Food Chemistry (AC)

Chair: F. R. P. Rocha
Co-chair: Purnendu Dasgupta

09:20 KEYNOTE LECTURE
10:00 PURNENDU DASGUPTA
A PORTABLE INEXPENSIVE FAST AND HIGHLY SENSITIVE ION CHROMATOGRAPHY SYSTEM

10:00 INVITED LECTURE
10:25 FABIO ROCHA
FLOW ANALYSIS: LOOKING BACK AND FORWARD

10:25 RODRIGO SILVA NASCIMENTO MANCINI (1930)
10:40 A MECHANIZED SYSTEM FOR JACALIN PURIFICATION BASED ON AFFINITY CHROMATOGRAPHY USING A LOW-COST STATIONARY PHASE

09:20 - 11:05 ☉
Golden Hall 5 📍
Channel 05 🎧

Physical, Biophysical and Computational Chemistry (PC)

Chair: Watson Loh

09:20 KEYNOTE LECTURE
10:00 ANDRE STUDARD
3D PRINTING OF BIO-INSPIRED MATERIALS VIA DIRECTED COLLOIDAL ASSEMBLY

10:00 INVITED LECTURE
10:25 CARLA EUGENIA GIACOMELLI
SURFACE BIOFUNCTIONALIZATION: A BIOMIMETIC STRATEGY IN MATERIALS DESIGN.

10:25 WENDEL A. ALVES (784)
10:40 CHIRAL ORGANOCATALYSTS BASED ON LIPOPEPTIDE MICELLES FOR ALDOL REACTIONS IN WATER

10:40 GUILHERME A. FERREIRA 823
10:55 THE ROLE OF SIMPLE INORGANIC IONS IN THE COLLOIDAL AND STRUCTURAL PROPERTIES OF BLOCK COPOLYMER/SURFACTANT DISPERSED NANOPARTICLES

09:20 - 11:05 ☉
Golden Hall 6 📍
Channel 06 🎧

Macromolecules and Materials (MM)

Chair: Volker Abetz
Co-chair: Osvaldo Oliveira Jr.

09:20 10:00	KEYNOTE LECTURE VOLKER ABETZ HOMO-, BLOCK AND RANDOM COPOLYMERS WITH STIMULI-RESPONSIVE (METH) ACRYLIC MONOMER UNITS: AGGREGATION BEHAVIOUR IN WATER-BASED SOLVENTS
10:00 10:25	INVITED LECTURE OSVALDO OLIVEIRA JR. NANOMATERIALS AND MACHINE LEARNING: THE MERGING OF TECHNOLOGIES TOWARD COMPUTER-ASSISTED DIAGNOSIS
10:25 10:40	ANDRE GALEMBECK (1298) SELF-HEALABLE MIXED IONIC/ELECTRONIC CONDUCTORS
10:40 11:05	INVITED LECTURE TONY RYAN WHAT DOES SUSTAINABLE MEAN IN THE POLYMER CONTEXT?

09:20 - 11:05 ☉

Golden Hall 7 📍

Channel 07 🔄

Natural Products and Biodiversity (NB)

Chair: Roberto Berlinck

Co-chair: Raymond Andersen

09:20 10:00	KEYNOTE LECTURE RAYMOND ANDERSEN BIOLOGICALLY ACTIVE MARINE NATURAL PRODUCTS: DISCOVERY, SAR, AND INTERACTIONS WITH PROTEIN TARGETS
10:00 10:25	INVITED LECTURE ROBERTO BERLINCK HOW THE EXPRESSION OF SECONDARY METABOLISM CAN BE UNDERSTOOD?
10:25 10:40	DIOGO MONTES VIDAL (719) LONG CHAIN ALKYL CYANIDES, A NEW CLASS OF VOLATILES RELEASED BY PSEUDOMONAS AND MICROMONOSPORA BACTERIA
10:40 10:55	EMILI PINTO (1759) BIOLOGICALLY ACTIVE CYCLOTIDES FROM RUBIACEAE AND VIOLACEAE FROM THE BRAZILIAN BIODIVERSITY MERI

11:05 - 11:25 ☉

☕ COFFEE BREAK

11:25 - 12:25 ☉

Golden Hall 📍

Plenary Lecture**Sir. Tom Blundell****University of Cambridge**

STRUCTURE-GUIDED FRAGMENT-BASED DRUG DISCOVERY FOR CANCER AND TUBERCULOSIS: FIGHTING THE EMERGENCE OF RESISTANCE

12:25 - 13:25 ☉

Golden Hall 📍

Closing session

SBQ Closing Address – Prof. Adriano Andricopulo

CNC Paris 2019 - Prof. Gérard Ferey

IUPAC100 – Prof. Mary Garson and Prof. Chris Brett



Poster session
MONDAY 10th, 2017

01. ANALYTICAL & FOOD CHEMISTRY (AC)

(153) ESSENTIAL OIL VARIATIONS IN FRUITS OF EUGENIA UNIFLORA VARIETIES

SUZANA DA COSTA SANTOS

(165) DETERMINATION OF MOLYBDENUM IN SEVERAL ENVIRONMENTAL SAMPLES USING A HOMOGENEOUS SYSTEM OF SOLVENTS AND UV-VIS SPECTROPHOTOMETRY

RAFAEL AUGUSTO SILVA PINTO

(177) QUANTIFICATION OF TOTAL ANTIOXIDANT CAPACITY OF ORANGE JUICE USING THE FORMATION OF THE FE(II)/NITROSO-2-NAPHTOL-3,6-DISULPHONIC ACID COMPLEX

MARYANE WOTH SOUZA

(188) PHYSICAL CHEMICAL AND METALS ANALYSIS OF COLONIALS WINES PRODUCED IN PALOTINA, IN WEST OF PARANÁ

LEIDI CECILIA FRIEDRICH

(223) BIOACCESSIBILITY OF ESSENTIAL ELEMENTS IN ADZUKI BEAN (VIGNA ANGULARIS) SPROUTS ENRICHED WITH IRON AND SELENIUM

ALINE PEREIRA OLIVEIRA

(229) ENVIRONMENTAL AND SPATIAL INFLUENCES ON METABOLITE VARIATIONS IN MYRCIARIA CAULIFLORA SEEDS

GUSTAVO AMORIM SANTOS

(278) NOVEL PROCEDURE FOR DETERMINATION OF THE ANTIOXIDANT ACTIVITY OF COCONUT WATER USING THE CU(I)/4,4''-DICARBOXY-2,2''-BIQUINOLINE COMPLEXES

MAYARA BATISTA DALAGLIO

(299) POLYPHENOL VARIATIONS IN FRUIT RIPENING OF EUGENIA UNIFLORA VARIETIES

JOÃO MARCOS GONÇALVES BARBOSA

(325) ANALYSIS OF INORGANIC CHEMICAL COMPOSITION OF TABLE SALT AND HIMALAYAN PINK SALT BY WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE (WDXRF)

ANNE BORGES DE BASTOS

(328) EVALUATION OF AS AND SE LEVELS IN GRAINS AND HUSK OF BRAZILIAN RICE VARIETIES CULTIVATED AT DIFFERENT CITIES FROM RIO GRANDE DO SUL

FERNANDA POLLO PANIZ

(413) ESTIMATION OF DAILY INTAKE OF ESSENTIAL AND NON-ESSENTIAL ELEMENTS IN RICE GRAINS FROM DIFFERENT BRAZILIAN CULTIVARS

TATIANA PEDRON

(429) ANALYTICAL QUALITY BY DESIGN (AQBD) STRATEGY FOR THE DEVELOPMENT OF AN UHPLC METHOD FOR SIM-VASTATIN AND EZETIMIBE ANALYSIS IN COMBINED DOSAGE FORMS

MARCIA CRISTINA BREITKREITZ

(440) DETERMINATION OF SI, FE, MG, CA, AND AL IN SLAG AND CEMENT BY LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS) USING B AND LI AS INTERNAL STANDARD.

ALEXANDRINA APARECIDA COSTA CARVALHO

(468) FEASIBILITY OF A COMBUSTION METHOD FOR FURTHER CHLORINE AND SULFUR DETERMINATION IN CORN AND WHEAT GRAINS BY ION CHROMATOGRAPHY

FILIPPE SOARES RONDAN

(533) CHARACTERIZATION OF THE RETENTION OF ANTIHYPERTENSIVE DRUGS IN ULTRA HIGH PERFORMANCE SUPER-CRITICAL FLUID CHROMATOGRAPHY (UHPSFC) FOR FAST AND EFFICIENT METHOD DEVELOPMENT

GABRIEL DE ANDRADE MACIEL

(542) QUANTITATIVE ANALYSIS OF MAJOR CONSTITUENTS IN ESSENTIAL OILS USING ¹H NMR AND COSY

CRISTIANE ISAAC CERCEAU

(560) AN ORGANOLEPTIC SYSTEM TO DIFFERENTIATE PERUVIAN RED WINES

ANA LUCÍA PAREDES DOIG

(652) EVALUATION OF LEAD DETERMINATION IN HYDRATED LIME SAMPLES BY TOTAL REFLECTION X-RAY FLUORESCENCE SPECTROMETRY (TXRF)

DANIELLE POLIDORIO INTIMA

(653) DETERMINATION OF CD IN PRODUCTION WATERS FROM OFFSHORE PETROLEUM EXPLORATION BY GF AAS AFTER ITS SEPARATION WITH A SEMI-PERMEABLE LOW-DENSITY POLYETHYLENE MEMBRANE

RICARDO JORGENSEN CASSELLA

(726) DETERMINATION OF COCOA CONTENT IN CHOCOLATE BARS USING PORTABLE NEAR-INFRARED SPECTROMETER

DIEGO CAMPACI DE ANDRADE

(846) OPTIMIZATION AND VALIDATION OF A METHOD FOR EMERGING ORGANIC POLLUTANTS DETERMINATION IN SURFACE WATER USING HPLC-DAD-FLD

BIANCA AMARAL

(860) ANALYSIS OF FISH OTOLITHS BY LA-QICPMS AND WDXRF

JOSE VINICIUS MARTINS

(950) THERMAL DECOMPOSITION OF SOME INOSINE 5'-MONOPHOSPHATE SALTS

JANY HELLEN FERREIRA DE JESUS

(959) STUDY OF CORRELATIONS AMONG COLOR, PHENOLIC AND FLAVONOID CONTENT, AND ANTIOXIDANT ACTIVITY OF HONEY FROM RIO GRANDE DO SUL, SOUTH BRAZIL

LEDIELI BELMONTE SOARES

(1019) POLYURETHANE FOAM FUNCTIONALIZED WITH PHENYLFLUORONE FOR ONLINE PRECONCENTRATION AND DETERMINATION OF COPPER AND CADMIUM IN RIVER WATER SAMPLES BY FLAME ATOMIC ABSORPTION SPECTROMETRY

JULIANA MENEZES DE SOUSA

(1094) DETERMINATION OF CU AND MN IN COMMERCIAL NECTARS AND FRUIT JUICES BY GF AAS

PAMELA SPAMER MOULIN ROCHA

(1098) DETERMINATION OF CR AND NI IN DENTAL COMMERCIAL ALGINATES EMPLOYING THE DIRECT INTRODUCTION OF SUSPENSIONS BY GF AAS

GRAZIELA FREGONEZ BAPTISTA CRUZ

(1119) MONITORING OF ANTIBIOTIC RESIDUES IN MILK PRODUCED IN SERGIPE AND MARKETED IN THE CITY OF ARACAJU

GISLAINE SANTOS SANTANA LEAL

(1186) OPTIMIZATION AND VALIDATION OF AN ANALYTICAL METHODOLOGY FOR CU QUANTIFICATION IN SOIL SAMPLES BY FAAS

LETICIA MALTA COSTA

(1206) DETERMINATION OF CADMIUM AND LEAD IN FISH OF THE GEOPHAGUS BRASILIENSIS SPECIES, ON THE PARAÍBA DO SUL RIVER, BETWEEN THE MUNICIPALITIES OF BARRA MANSA AND PINHEIRAL

JARBAS NARCISO OLIVEIRA

(1230) ELEMENTAL DETERMINATION OF BI BASED MEDICINES BY MIP OES

ALINE FERNANDES OLIVEIRA

(1264) A PAPER-BASED COLORIMETRIC SPOT TEST FOR THE IDENTIFICATION OF FAKE-WHISKEYS

THIAGO MIGUEL GARCIA CARDOSO

(1266) QUANTIFICATION OF METHYL OLEATE IN BIODIESEL USING FOURIER TRANSFORM INFRARED SPECTROSCOPY AND MULTIVARIATE ANALYSIS

HUMBERVÂNIA REIS GONÇALVES DA SILVA

(1369) PREDICTION OF THE SARA ANALYSIS OF COLOMBIAN CRUDE OILS AND THEIR VACUUM RESIDUES USING APPI(+)-FTICR MASS SPECTROMETRY COUPLED TO PARTIAL LEAST SQUARES (PLS) WITH GENETIC ALGORITHM VARIABLE SELECTION

ENRIQUE MEJÍA-OSPINO

(1398) PROBING GAMA- Fe_2O_3 NANOPARTICLE-BSA INTERACTION BY FLUORESCENCE QUENCHING: COMPARISON BETWEEN RIGH-ANGLE AND FRONT-FACE ILLUMINATION GEOMETRY

EMILIA CELMA DE OLIVEIRA LIMA

(1399) PREDICTION OF THE SARA AND CCR ANALYSIS OF COLOMBIAN CRUDE OILS USING LDI(+)-TOF/TOF MASS SPECTROMETRY COUPLED TO PARTIAL LEAST SQUARES (PLS)

RAFAEL CABANZO

(1407) DETERMINATION OF QUERCETIN IN FOODS AND BEVERAGES BY THE QUENCHING EFFECT OF CARBON DOT FLUORESCENCE

NATTANY TAYANY GOMES DE PAULA

(1432) EVALUATION OF CHEMICAL VARIATIONS IN HUMAN HAIR COMPOSITION USING WAVELENGTH DISPERSIVE X-RAY FLUORESCENCE AND CHEMOMETRICS

FABIOLA M. VERBI PEREIRA

(1441) METALS DETERMINATION IN PRODUCED WATERS BY SPECTROMETRIC TECHNIQUES AFTER MICROWAVE-ASSISTED ULTRAVIOLET DIGESTION

JULIANA PINHEIRO SOUZA

(1461) COMPARASION OF WEAR OF TRANSFORMER INSULATING OIL BY SPECTROSCOPIC TECHNIQUES

LINCOLN F. SOUZA

(1465) MICROWAVE-INDUCED COMBUSTION USING DILUTED ACIDS FOR DIGESTION OF PETROLEUM COKE AND FURTHER METALS AND RARE EARTH ELEMENTS DETERMINATION

JULIANA SEVERO FAGUNDES PEREIRA

(1478) ADEQUACY OF DIFFERENT EXPERIMENTAL DESIGNS IN THE SAME SPACE OF VARIABLES; A CASE STUDY IN ANALYTICAL TECHNIQUE UNDER NORMAL AND LIMIT CONDITIONS OF DETECTION

MICHELLE ANDRÉ DA SILVA

(1494) SPECTROANALYTICAL TECHNIQUES FOR CHARACTERIZATION OF ORTHOPEDIC ALLOYS

EDENIR RODRIGUES PEREIRA FILHO

(1521) EVALUATION OF THE ADSORPTION OF TOXIC ELEMENTS, CADMIUM AND LEAD IN AGRONOMIC (IN NATURA) BANANA PEEL

ALICE CELESTE DE ARAÚJO ROCHA

(1526) DETERMINATION OF PHENOLIC COMPOUNDS FROM EUGENIA INVOLUCRATA FRUITS BY UHPLC-MS/MS

LUISA GONÇALES SANT'ANA

(1528) DETERMINATION OF RARE EARTH ELEMENTS IN GEOLOGICAL SAMPLES BY INDUCTIVELY COUPLED PLASMA OPTICAL EMISSION SPECTROMETRY

PAULO AUGUSTO FELDBAUM

(1529) STUDY OF THE EFFICIENCY OF THE USE OF INFRARED RADIATION AS HEATING SOURCE IN THE SAMPLE PREPARATION FOR TRACE ELEMENT ANALYSIS

GISELE SIMONE LOPES

(1597) USE OF PLS TO PREDICT CONCENTRATION THE SULPHUR TO BUILD LOW-COST EQUIPMENT FOR DETERMINING SULPHUR CONTENT IN DIESEL/BIODIESEL BLENDS

ALESSANDRA TANAJURA CAMPOS

(1620) METHOD DEVELOPMENT FOR HALOGENS DETERMINATION IN IONIC LIQUIDS BY ION CHROMATOGRAPHY

PAOLA AZEVEDO MELLO

(1730) PROPOSAL OF A SYSTEM FOR THE DETERMINATION OF SULFITE IN BEVERAGES

GABRIELA SARAIVA SANTOS

(1742) FINGERPRINT OF DIFFERENT TYPES OF NATIONAL AND IMPORTED VODKAS SOLD IN BRAZIL USING A SPME-MS METHOD

MARY ROSA RODRIGUES DE MARCHI

(1763) MICROWAVE-ASSISTED ACID DIGESTION COMBINED WITH ULTRAVIOLET RADIATION FOR FURTHER AS, CD AND PB DETERMINATION IN RICE

CAMILA CERVEIRA

(1853) ASSESSMENT OF DIFFERENT POSTHARVEST COFFEE PROCESSES BY SIMULTANEOUS ANALYSIS OF CHEMICAL CONSTITUENTS

CLAUDIA MORAES DE REZENDE

(1879) MULTIVARIATE OPTIMIZATION OF HYDRIDE GENERATION FOR DETERMINATION AS, SE, SB IN PEANUT SAMPLES USING AFS WITH MSFIA

FERNANDA ALVES DE SANTANA

(1966) QUANTIFICATION OF ADULTERATION IN EXTRA VIRGIN MACADAMIA OIL USING FT-MIR AND MULTIVARIATE CALIBRATION

CAIO CESAR SOUZA MACHADO

(2041) DEVELOPMENT OF ANALYTICAL PROCEDURE FOR SELENIUM DETERMINATION IN LABLAB PURPUREUS (L.) SWEET WAGNA PILER SANTOS

(2055) EFFECT OF OZONE IN THE REMOVAL OF PESTICIDE RESIDUES IN BELL PEPPERS

ANA CAROLINA PEREIRA PAIVA

(2057) EXPERIMENTAL PLANNING APPLIED TO CANNED LEGUMES

RITA MARIA WESTE NANO

(2099) QUANTIFICATION OF POTASSIUM IN PULP AND SEEDS OF CUPUAÇU (THEOBROMA GRANDIFLORUM) EMPLOYING ACIDIC EXTRACTION ASSISTED BY THE ULTRASONIC BATH

MIRLA JANAINA CIDADE

(2151) CHARACTERIZATION OF A NEW REFERENCE MATERIAL FOR THE INORGANIC ANALYSIS OF CORN FLOUR

LIZ OLIVEIRA DOS SANTOS

(2168) NUTRITIONAL QUALITY OF CAT FOOD EVALUATED BY NEUTRON ACTIVATION ANALYSIS

THIAGO FROTA CLEMENTE FERREIRA DE ASSIS

(2173) COMPARATIVE STUDY AND METHODS VALIDATION FOR DETERMINATION OF SULFIDE IN REDUCED GLASS

HERON DOMINGUEZ TORRES DA SILVA

(2184) CHEMICAL DIFFERENTIATION AND EVALUATION OF THE ANTIOXIDANT POTENTIAL OF AÇAÍ WINE BY NMR AND CHEMOMETRIC TOOLS

JAQUELINE DE ARAÚJO BEZERRA

(2218) CHEMICAL STUDY OF AMAZON RAINFOREST FRUITS BY NMR AND ESI-IT-MS

ANDREZZA DA SILVA RAMOS

(2260) STRATEGY FOR CLASSIFICATION OF HYDROLOGICAL VARIABLES USING SUBTRACTIVE FUZZY CKMEANS AND NON-NEGATIVE MATRIX FACTORING ON A TEMPORAL SCALE

IVANICE FERREIRA DOS SANTOS

(2302) DETERMINATION OF VITAMIN C OF MANGABA (*HANCORNIA SPECIOSA* GOMES) AND BACURI (*PLATONIA INSIGNIS* MART) IN AREAS OF NATURAL OCCURRENCE IN THE STATE OF MARANHÃO, BRAZIL.

ANDREY LUAN MARQUES MELO

(2307) DIETARY FIBER CONTENT IN FRUIT PULPS OF *MAURITIA FLEXUOSA* MART. AND *PLATONIA INSIGNIS* MART

ANNE KAROLINE MAIORANA SANTOS

(2337) STUDY OF EFFECTS ALLELOPATHIC ECOTOXIC METALS IN *ALLIUM CEPA* (ONION) AND *ALLIUM SATIVUM* (GARLIC). INFLUENCE ON PLANTS AND SOIL

TRINIDAD BETTY PAREDES DE GOMEZ

02.CHEMICAL EDUCATION (CE)

(383) PHOTO REVELATION USING SOLUBLE COFFEE: A GREEN CHEMISTRY PRACTICE.

CARLOS ALBERTO PEREIRA DOMINGUES

(504) DENTAL CREAM PRODUCTION: FROM JUÁ POWDER AND THE EXTRACTION OF THE ESSENTIAL OIL OF FENNEL

DALTAMIR JUSTINO MAIA

(583) AVALIAÇÃO DOS PARÂMETROS FÍSICO-QUÍMICOS E DE FITORREMEDIAÇÃO DE SOLO DO ATERRO CONTROLADO (ANTIGO LIXÃO) DE SEROPÉDICA-RJ

ROSANA PETINATTI CRUZ

(613) CHEMISTRY EDUCATION THROUGH SUSTAINABLE PROJECT FOR HIGH SCHOOL STUDENTS - COMPOSTING IN FACULTATIVE REACTOR

KARINE MARCONDES CUNHA

(824) HISTORY OF CHEMISTRY: CARLO MATTEUCCI AND THE ELECTROLYSIS LAW

MATEUS CARNEIRO SANTOS

(830) TEACHING OF COLLIGATIVE PROPERTIES: EXPERIMENTAL DETERMINATION OF THE EBULLIOSCOPIC CONSTANT OF WATER AND COMPARISON WITH THEORETICAL MODELS

BARBARA WITKOWSKI FENDRICH

(924) MANUFACTURE OF EQUIPMENT FOR CHEMISTRY LABORATORY WITH RECYCLED MATERIALS

ACÁSSIO PAIVA RODRIGUES

(1005) IDENTIFICATION OF THE SCHOOL KNOWLEDGE PROFILE OF CHEMISTRY TEACHERS IN INITIAL FORMATION

THIAGO MOURA BEGO

(1103) HISTORY OF CHEMISTRY IN THE ANNUAL MEETINGS OF THE BRAZILIAN CHEMISTRY SOCIETY IN THE LAST 10 YEARS

POLIANA RICCI

(1113) SCIENTIFIC AND CULTURAL DIMENSIONS FROM THE PERSPECTIVE OF HIGH SCHOOL STUDENTS IN A WORKSHOP ON INDIGENOUS ISSUES

ALINE KUNDLATSCH

(1208) EVALUATION OF THE TEACHING OF CHEMISTRY IN THE SISTEMA DE ORGANIZAÇÃO MODULAR DE ENSINO (SOME) [MODULAR TEACHING ORGANIZATION SYSTEM] THROUGH EXPERIMENTATION

SIMONE OLIVEIRA SANTOS

(1228) MEANINGS OF GREEN CHEMISTRY AS A PERSPECTIVE FOR TEACHING CHEMISTRY

PÍA JOSÉ GONZÁLEZ

(1270) LEARNING: THE IMPORTANCE OF ANALYTICAL CHEMISTRY IN FISH FARMING

TERESA CRISTINA BARROS

(1495) DIFFICULTIES OF CHEMISTRY TEACHERS IN THE REPRESENTATION OF CHEMICAL TRANSFORMATIONS IN AQUEOUS MEDIUM

GABRIELA ZULEIDE CORREIA ALBUQUERQUE

(1574) REDISCOVERING FIRE: A STUDY OF PICTET'S AN ESSAY ON FIRE

LEONARDO OLIVEL CORREIA

(1744) GRAPHITE/CELLULOSE FILMS IN FLEXIBLE ELECTRIC CIRCUITRY FOR CHEMICAL KITS: CONDUCTIVITY TESTER

JEFERSON DOS SANTOS

(1944) THE ENVIRONMENTAL RESEARCH IN THE FORMATION OF THE TECHNICIAN IN CHEMISTRY

SIDNEI DE LIMA JÚNIOR

(2241) CHEMISTRY TEACHING USING MINERAL WATER LABELS FOR EDUCATIONAL SUPPORT

CAIO PALLA MARQUES

(2301) STRATEGIC MANAGEMENT FOR RATIONAL ACQUISITION OF CHEMICAL REAGENTS

JEANNETTE DE MAGALHÃES MOREIRA

(2362) ANALYSIS OF BRAZILIAN HIGH SCHOOL CHEMISTRY TEXTBOOKS ABOUT POLYMERS

PABLYANA LEILA RODRIGUES DA CUNHA

03.CHEMISTRY FOR INDUSTRY INNOVATION (CI)**(140) OPPORTUNITIES AND CHALLENGES FOR THE CHEMICAL INDUSTRY IN INDIA**

BIPUL BEHARI SAHA

(157) DETERMINATION OF THE OPTIMAL FEED TRAY LOCATION IN A DISTILLATION COLUMN FOR RECOVERY OF MONOMER VINYL CHLORIDE (MVC)

CARLOS ARTHUR ALVES LIMA

(261) TRANSPOSITION OF THE BATCH PROCESS FOR CONTINUOUS FLOW IN MICROREACTORS IN THE SYNTHESIS OF THIAZOLIDINE-2,4-DIONE DERIVATIVES

PAULO CUESTA CALVO

(599) SYNTHESIS OF LOW COST ZINC OXIDE NANOPARTICLES FOR UV ABSORBERS FOR PAINTS

FERNANDO BACCI EFFENBERGER

(1032) PRODUCING ACTIVATED CARBON FROM PLASTIC BAGS OF HDPE

JULIANA LIMA FERNANDES

(1084) ULTRASOUND-ASSISTED EXTRACTION METHOD OF RARE-EARTH ELEMENTS FROM ROCKS

EDSON IRINEU MULLER

(1589) ANALYSIS AND DEVELOPMENT OF WATERPROOF BABASSU MESOCARP GLUE WITH MELAMINE-FORMALDEHYDE RESIN ADDITIVE

RAIMUNDO OLIVEIRA LIMA JÚNIOR

(1724) THE SYNERGISTIC EFFECT OF CORROSION AND SCALE INHIBITORS ON THE CORROSION INHIBITION EFFICIENCY OF CARBON STEEL IN SEAWATER

EDUARDO ARIEL PONZIO

(2280) PRODUCTION OF METHYL AND ETHYL BIODIESEL FROM CRAMBE ABYSSINICA

MATEUS CRISTIAN GOMES SOUZA

04. CHEMICAL SYNTHESIS (CS)

(192) CATALYTIC DEHYDRATION OF ETHANOL OVER K10 AND KSF MONTMORILLONITE CLAYS

ANA ELLEN VALENTIM DE ALENCAR

(197) TOWARDS THE TOTAL SYNTHESIS OF CRYPTOCONCATONE H

FRANCO DELLA FELICE

(273) ORGANOCATALYTIC AND EPIMERIZATION-FREE SYNTHESIS OF DUAL PROTECTED AMINO ACID DERIVATIVES

PEDRO PÔSSA DE CASTRO

(308) PALLADIUM NANOPARTICLES ON A SURFACTANT-MODIFIED LHS AND ITS PRELIMINARY CATALYTIC ACTIVITY IN THE SONOGASHIRA C-C COUPLING REACTION

LUZ AMALIA RÍOS-VÁSQUEZ

(377) CONVERGENT TOTAL SYNTHESIS OF APORPHINE PROTOTYPE (\pm)-APOMORPHINE

ANA CAROLINA MURACA

(387) STUDY TOWARD THE TOTAL SYNTHESIS OF (+)-BERNUMIDINE

BIANCA KOBAL CORREA

(389) HYDROGENATION OF 5-ARYL-7-TRIFLUOROMETHYLTETRAZOLOPYRIMIDINES USING H₂/PD

ELISANDRA SCAPIN

(407) STUDY TOWARD THE TOTAL SYNTHESIS OF (S)-NUCIFERINE

TAMIRIS REISSA CIPRIANO SILVA

(415) STUDY TOWARD THE SYNTHESIS OF C7-C19 FRAGMENT OF SPIROTOAMIDE A

ALLAN FELIPE DA COSTA ROSSINI

(430) AMINO ACID IONIC LIQUIDS AS CATALYSTS IN A SOLVENT-FREE MORITA-BAYLIS-HILLMAN REACTION

FERNANDA IRENE BOMBONATO

(557) A NEW CLASS OF IMIDAZOLIUM SALTS BY CROSS-METATHESIS OF PHENYLPROPENOIDS

JÚLIA LACERDA COUTO

(561) EFFORTS TO SYNTHESIS OF (+)-KAVAIN: ASYMMETRIC OXA-DIELS-ALDER REACTION

KARLA SANTOS FEU

(628) CATALYTIC SYNTHESIS OF BUTYL OLEATE BY SUPPORTED HETEROPOLYACIDS ON ZEOLITE HY

MATEUS FREITAS PAIVA

(667) SYNTHESIS OF 4-NITROPHENYLGLUCONIC ACIDS

MAURICIO MORAES VICTOR

(712) SYNTHESIS OF SULFATED TIN OXIDE BY THE SOL-GEL PROCESS FOR APPLICATIONS IN HETEROGENEOUS CATALYSIS

MATHEUS DE SORDI PAVAN

(772) SYNTHESIS OF PHTHALONITRILE BUILDING BLOCKS USING A MULTICOMPONENT REACTION PROMOTED BY NIOBIUM PENTACHLORIDE

ALOISIO DE ANDRADE BARTOLOMEU

(800) BRØNSTED ACID-CATALYZED ENANTIOSELECTIVE INTRAMOLECULAR CYCLOADDITION

LUCIE JARRIGE

(818) VISIBLE LIGHT PHOTOREDOX-MEDIATED OXIDATIVE TANDEM NITROSO DIELS-ALDER REACTION OF ARYLHYDROXYLAMINES WITH CONJUGATED DIENES

VERONICA SANTACROCE

(835) SHARPLESS EPOXIDATION CATALYST STUDIED BY ESI-MS AND IRMPD SPECTROSCOPY

ANDRÉ SANTOS FERNANDES

(844) FIRST TOTAL SYNTHESIS OF BASIDALIN

JAIME ALEJANDRO MARTÍNEZ ACOSTA

(880) AN EPOXIDE RING-OPENING STRATEGY FOR SHORT AND STEREOSELECTIVE SYNTHESIS OF BRUSSONOL ANALOGUES

ANEES AHMAD

(891) SYNTHESIS OF HIGH SURFACE AREA GAMMA ALUMINA BY THE PECHINI METHOD USING GLYCEROL

NEREU VICTOR NAZÁRIO TENÓRIO

(894) SYNTHESIS, CHARACTERIZATION AND CATALYTIC ACTIVITY OF PYRAZOL-DBA LIGANDS IN COUPLING REACTIONS C-C

MATEUS EMANUEL COLDEIRA

(903) GENERATION OF AZOMETHINE YLIDES FROM TETRAHYDROISOQUINOLINES USING VISIBLE LIGHT AND MESO-TETRAPHENYLPORPHYRIN

FRANCISCO FÁVARO DE ASSIS

(933) SYNTHESIS AND STUDY OF THE LIQUID-CRYSTALLINE PROPERTIES OF DISCOTIC MOLECULES DERIVED FROM THE TRIS[1,2,4]TRIAZOLO[1,3,5]TRIAZINE CORE

CÉSAR ZUCCO

(939) ENANTIOSELECTIVE SYNTHESIS OF THE SEX PHEROMONE OF THE STINK BUG PELLAEA STICTICA, 2,4,8,13-TETRAMETHYLTETRADECAN-1-OL (HETEROPTERA, PENTATOMIDAE)

CARLA MARIA BERARDI GOMES

(976) A MULTICOMPONENT APPROACH TOWARD THE TOTAL SYNTHESIS OF INDOLIZIDINE ALKALOIDS

EVELYN PUCCI SCHEVCIW

(1023) PD(OAC)₂/DPPP, AN EFFICIENT CATALYTIC SYSTEM FOR THE OXIDATIVE ESTERIFICATION OF BENZALDEHYDE USING ORGANIC HALIDES AS OXIDANTS

ANDRÉ FRANCISCO PIVATO BIAJOLI

(1026) CUO NANOPARTICLES CATALYZED THE 1,3-DIPOLAR CYCLOADDITION REACTION OF α -KETOESTERS AND α -DIKETONES WITH AZIDES - DIRECT ACCESS TO 1,4,5-TRISUBSTITUED 1,2,3-TRIAZOLES

CÁSSIO DA SILVA DIAS

(1223) EFFECT OF SODIUM AND POTASSIUM ON HOMOGENIZATION STEP OF SOYBEAN OIL-METHANOL MIXTURE IN BIODIESEL SYNTHESIS

RENILSON DE OLIVEIRA MAPELE

(1303) SYNTHESIS OF SULFANI-N SAID DERIVATIVES IN

DANIEL CARVALHO SANTOS

(1413) ENANTIOSELECTIVE HECK DESYMMETRIZATION STRATEGY TOWARD S- AND P-STEREOGENIC HETEROCYCLES

TOMAZ HENRIQUE DUARTE CHORRO

(1415) NEW HIGHLY EFFICIENT TOTAL SYNTHESIS OF RUBROLIDE R AND S

THAÍS ALTOÉ MOREIRA

(1449) FROM MBH ADDUCTS TO PUMILITOXIN A ALKALOIDS' INDOLIZIDINIC CORE AND CORRELATED DERIVATIVES: A DIASTEREOSELECTIVE NHC-CATALYZED APPROACH

JOSÉ TIAGO MENEZES CORREIA

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PATRÍCIA BULEGON BRONDANI

(1474) BAEYER-VILLIGER OXIDATION MEDIATED BY PHENYLSELENINIC ACID RESIN IN CONTINUOUS FLOW CONDITIONS: A SUSTAINABLE ALTERNATIVE IN DEGRADATION OF LIGNIN MODEL COMPOUNDS

KEVIN DE AQUINO DIAS

(1511) DEHYDRATION OF FRUCTOSE TO 5-HYDROXYMETHYLFURFURAL CATALYSED BY HIERARCHICALLY MODIFIED MOLECULAR SIEVES

ISABELLE FERNANDES LAGO

(1613) COPPER(I)-CATALYZED BORYLATIVE CYCLIZATION TOWARDS BIOACTIVE CARBOCYCLIC COMPOUNDS

JORDI ROYES

(1648) SOL-GEL PROCESSING FOR OBTAINING CATALYTIC MATERIALS OF SILICA-SUPPORTED IRON OXIDE BASED CATALYSTS

WILLIAM GIOVANNI CORTES-ORTIZ

(1674) OXIDATION OF ALCOHOLS CATALYZED BY RUTHENIUM (III) COMPLEX SYNTHESIZED FROM SCHIFF BASES

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(1690) PROMOTING M-ZRO₂ AND T-ZRO₂ REDOX PROPERTIES

VINICIUS MODOLO SANTOS

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GUSTAVO CLARO MONTEIRO

(1746) BIOMIMETIC CYCLOHEXANE OXIDATION BY PHIO CATALYZED BY NEW MN-PORPHYRIN USING GREEN CHEMISTRY STRATEGIES

BERNARDO SCHMITBERGER MORAES

(1749) SYNTHETIC STUDY TO OBTAIN (11E,14Z)-HEXADECA-11,14-DIENAL, A POSSIBLE PHEROMONE COMPONENT PRODUCED BY CONDYLORRHIZA VESTIGIALIS (LEPIDOPTERA: CRAMBIDAE)

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(1761) SUBSTITUENT EFFECT OF HYDROXIIMIDAZOLE DERIVATIVES IN REACTIONS WITH ORGANOPHOSPHATES

VALMIR BAPTISTA DA SILVA

(1828) SYNTHESIS OF THE BIFUNCTIONAL NIOBIUM PHOSPHATE AND PHOSPHATED NIOBIUM OXIDE FOR GLUCOSE CONVERSION IN HMF

JOSÉ LUCAS VIEIRA

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PAULA MARCELLY ALVES MACHADO

(1870) SOLVENT-FREE ALDOL REACTION CATALYZED BY AMINO ACID IONIC LIQUIDS

MATHIAS PRADO PEREIRA

(1876) PROMISCUITY OF DIFFERENT LIPASES IN THE ALDOL ADDITION IN BUFFER SOLUTION. ALTERNATIVE FOR C-C BOND FORMATION.

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(1916) SYNTHETIC STUDIES AIMING THE PREPARATION OF NOVEL AMORFRUTIN ANALOGS

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(1942) ORGANOCATALYZED SYNTHESIS OF INDOLIZINES IN WATER

LUCAS ANDRE ZEOLY

(1996) PHOTOCATALYTIC GENERATION OF CARBAMOYL RADICAL FOR AMIDATION OF ALPHA,BETA-UNSATURATED ESTERS UNDER CONTINUOUS FLOW CONDITIONS

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(2045) STUDIES TOWARD ASYMMETRIC TOTAL SYNTHESIS OF RAPUTINDOLE D

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JULIANA LIRA LUNA FREIRE REGUEIRA

(2351) TOWARDS THE TOTAL SYNTHESIS OF THE TETRACYCLIC CORE OF ERGOT ALKALOIDS

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(393) CARBON-SUPPORTED NON-NOBLE METAL NANOPARTICLES FOR SELECTIVE CO₂ ELECTROCATALYTIC REDUCTION TO CO STUDIED BY ON-LINE DEMS

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(899) A HIGH SPECIFIC ENERGY HYBRID SUPERCAPACITOR BASED ON LIFEPO₄ AS CATHODE, MESOPOROUS CARBON AS ANODE, AND IMIDAZOLIUM IONIC LIQUID AS ELECTROLYTE

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(902) ON THE APPLICABILITY OF THE ROTATING RING-DISC ELECTRODE IN OXYGEN REDUCTION STUDIES: A REVISED VISION

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(949) MICROWAVE-ASSISTED PHOTOLYTIC PROCESSES FOR THE DEGRADATION OF FLUOXETINE

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(1020) GLYCEROL ELECTROOXIDATION STUDIES UNDER LOW CONCENTRATIONS, APPLYING TIME AND POTENTIAL PRE-TREATMENT

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(1312) IMPROVEMENTS IN PET SOLAR CELLS SENSITIZED BY NATURAL DYES AND TiO₂ NANOPARTICLES

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(1487) IMPROVEMENT IN THE WATER OXIDATION CATALYZED BY CO₃O₄ MODIFIED WITH ORGANIC LIGANDS

PAULO VITOR OLIVEIRA CORDEIRO

(1499) KINETIC PARAMETERS OF SUGARCANE BAGASSE USING ISOCONVERSIONAL METHOD

LEANDRO CARDOSO MORAIS

(1514) PHOTOCATALYTIC ACTIVITY OF $\text{TiO}_2/\text{Ru-MCM-41}$ FOR HYDROGEN PRODUCTION BY PHOTOLYSIS OF WATER

FABIELLE CASTELAN MARQUES

(1543) PREPARATION OF SOLID ELECTROLYTE SUSPENSIONS FOR DEPOSITION OF THIN LAYERS BY INKJET PRINTING

GABRIEL ALVES CANDIDO SILVA

(1581) THE EFFECT OF TEMPERATURE IN ELECTRO-OXIDATION OF THREE CARBON POLYOLS ON PLATINUM ELECTRODES

MATHEUS GODOY BERTELLI RODRIGUES

(1653) ETHANOL OXIDATION OBTAINED FROM THE BABAÇU COCONUT MESOCARP ON Pt/C , PtRE/C , PtSn/C , PtRu/C AND PtRh/C ELECTROCATALYSTS.

ISAIDE DE ARAUJO RODRIGUES

(1736) SYNTHESIS OF MANGANESE COMPLEX AS CATALYSTS FOR THE WATER OXIDATION REACTION

MARIEL MOTHÉ DE CASTRO

(1775) THE EFFECT OF HEAT TREATMENT ON ELECTROCATALYTIC PERFORMANCE OF Cu BULK AT CO_2 REDUCTION: EVIDENCE OF THE ROLE OF Cu_2O

OSMANDO FERREIRA LOPES

(1789) ALUMINUM ALLOYS FOR APPLICATION AS ANODES IN AL-AIR CELLS

PRISCILA TAMIASSO-MARTINHON

(1825) CORE-SHELL HYBRID NANOSTRUCTURE BASED ON POLYPYRROLE NANOTUBES COATED WITH Ni(OH)_2 FOR HIGH PERFORMANCE SUPERCAPACITORS

FRANCIELE WOLFART

(1832) ELECTROCATALYTIC BEHAVIOR OF POLYCRYSTALLINE GOLD ELECTRODES TOWARD POLYOLS OXIDATION IN ALKALINE MEDIUM

MARINA SOARES DA SILVA

(1839) THE INFLUENCE OF TEMPERATURE ON THE DYNAMIC OPERATION OF A DIRECT FORMIC ACID FUEL CELL (DFAFC)

JÉSSICA ALVES NOGUEIRA

(1898) INTERFACIAL CHARACTERIZATION AND ELECTROCATALYTIC RESPONSE OF SONOELECTRODEPOSITED Ni-Co(OH)_2 NANOCOMPOSITES

MARCIO VIDOTTI

(1983) SYNTHESIS OF HETEROARCHITECTURES FORMED BY GRAPHENE OXIDE, CONDUCTIVE POLYMERS AND MANGANESE DIOXIDE: APPLICATION IN LOW COST HIGH PERFORMANCE SUPERCAPACITORS

GUSTAVO MARCINIUK

(2017) NATURAL DISTRIBUTIONS AND ANTHROPOGENIC ANOMALIES IN RARE EARTH ELEMENT CONCENTRATIONS IN BRAZILIAN COASTAL WATERS

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(2047) SYNTHESIS AND CHARACTERIZATION OF A TRINUCLEAR COBALT(III/II) COMPLEX AND ITS APPLICATION IN THE CATALYTIC WATER OXIDATION

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(2056) ELECTRODEPOSITION OF COBALT OXYHYDROXIDE ON EXPANDED GRAPHITE CARBON ELECTRODE APPLIED AS ENERGY STORAGE DEVICE

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(2169) SYNTHESIS AND CHARACTERIZATION FOR XRD WITH SYNCHROTRON LIGHT OF A Pt_3Nb CO TOLERANT ELECTROCATALYST FOR POLYMERIC MEMBRANE FUEL CELLS PMFC

THAIRO ARAUJO ROCHA

(2359) PLATINUM RECOVERY FROM INACTIVE ELETRODES OF PROTON EXCHANGE MEMBRANE FUEL CELL

ANDRE MYCHELL BARBIEUX SILVA SAMPAIO

(2428) IMPACTS OF THE SAMARCO DAM FAILURE IN DOCE RIVER WATERSHED

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(511) ELECTRON PARAMAGNETIC RESONANCE (EPR) SPECTROSCOPY AS A TOOL IN THE CHARACTERIZATION OF BIO-CHARS FROM WASTE BIOMASSES

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(538) PROPOSED MECHANISM OF WATER SPLITTING BY A MN(II) MONONUCLEAR COMPLEX

RAFAEL CAVALIERI MARCHI

(936) O AVANÇO DA ENERGIA RENOVÁVEL NO BRASIL

RENATA RAMOS ROCHA DE MATTOS

(1010) ENZYMATIC BIOPROSPECTION OF ENDOPHYTIC FUNGI FROM BERTIOGA MANGROVE - SP, BRAZIL

VIVIAN MARTINHO

(1024) NEW POROUS OCULAR IMPLANTS PREPARED BY A GREEN SUPERCRITICAL FOAMING/MIXING TECHNOLOGY FOR SUSTAINED RELEASE OF 2-CL-IB-MECA

MARA ELGA MEDEIROS BRAGA

(1051) EVALUATION OF THE EFFICACY OF CRYOPROTECTANTS IN THE STABILITY AND ACTIVITY OF PROTEASES OBTAINED FROM TABERNAEMONTANA CATHARINENSIS LATEX

ARILDO JOSÉ BRAZ OLIVEIRA

(1062) GRAPHENE OXIDE BASED-MATERIALS AS A PROMISING MULTIFUNCTIONAL PLATFORM FOR ENVIRONMENTAL APPLICATIONS

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(1102) OPTIMIZATION ON CONDITIONS OF THE BANANA PEEL FERMANTATIO TO OBTAIN ETHANOL BY SACCHAROMYCES CEREVISIAE

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(1111) OPTIMIZATION ON CONDITIONS OF THE BANANA PEEL FERMENTATION TO OBTAIN ETHANOL BY SACCHAROMYCES CEREVISIAE

PAOLA SOUZA SILVA

(1131) FRUCTOSE CONVERSION PROMOTED BY SNO₂, MOO₃ AND MOO₃/SNO₂

THATIANE VERÍSSIMO DOS SANTOS

(1154) USE OF COMPLEXES CONTAINING LEWIS ACID SITES IN GLYCEROLYSIS: PRODUCTION OF DAG AND MAG

MÔNICA ARAÚJO DA SILVA

(1243) EFFECTS OF CHEMICAL TREATMENT ON STRUCTURAL PROPERTIES OF JATROPHA CURCAS CAKE

ROBERTO ANANIAS RIBEIRO

(1343) EVALUATION OF BIOMASS CAPACITY TO REMOVAL COPPER II IN AQUEOUS SOLUTION MONITORING BY DRUV SPECTROSCOPY

KELLER PAULO NICOLINI

(1390) BIOCATALYTIC ETHANOLYSIS OF WASTE CHICKEN FAT UNDER SOLVENT-FREE CONDITIONS FOR BIODIESEL PRODUCTION

ISAC GEORGE ROSSET

(1462) SEMI-CONTINUOUS PRODUCTION OF BIOCRUDE AND ITS CHARACTERIZATION BY LIQUID CHROMATOGRAPHY-HIGH RESOLUTION MASS SPECTROMETRY

RAFAEL GARRETT COSTA

(1576) DETERMINATION OF CORRELATIONS BETWEEN COMPOSITION AND PHYSICOCHEMICAL PROPERTIES DURING METHYLIC BIODIESEL PRODUCTION

JANAINA HEBERLE BORTOLUZZI

(1593) SYNTHESIS OF CALCIUM GLYCEROXIDE AND IT'S APPLICATION ON SOYBEAN BIODIESEL CATALYSIS.

RODRIGO ECKERT RENNER

(1792) CALCINATION AND TIN ADDITION EFFECTS ON NI/AL₂O₃ CATALYST IN THE SOYBEAN OIL HYDROLYSIS

RICARDO REIS SOARES

(1943) PYROLYSIS OF MANGABA SEED IN FIXED BED REACTOR: EFFECTS OF PROCESS PARAMETERS ON PRODUCT YIELDS AND CHARACTERIZATION OF PRODUCTS

LISIANE SANTOS FREITAS

(1950) VALORIZATION OF GUAVA RESIDUE BY PYROLYSIS: CHARACTERIZATION OF BIOMASS, BIO-CHAR AND BIO OIL

FLAVIANA CARDOSO DAMASCENO

(1973) MECHANOCHEMICAL SYNTHESIS OF FATTY ACID ETHYL ESTERS FROM SOYBEAN POWDER

MARINA COSTA RODRIGUES

(2148) STUDIES OF ENZYMATIC HYDROLYSIS OF SUGARCANE BAGASSE PRE-TREATED BY STEAM EXPLOSION

TATIANE SILVEIRA BIANQUINI

(2153) STUDY OF THE REACTION CONDITIONS OF THE TRANSESTERIFICATION OF SOYBEAN OIL WITH METHANOL USING SOLID CATALYST OF HIGH ACIDITY - SULFATED TiO₂

MARIA LÚCIA SCHUMACHER ROCHA

(2154) CHLOROFORM EXTRACT OF CURCUMA LONGA LAS POTENTIAL ADDITIVE TO INCREASE OXIDATIVE STABILITY OF BIODIESEL

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(2157) REMOVAL OF HEAVY METALS PRESENT IN AQUEOUS SOLUTION BY ADSORPTION ON SALVINIA SP. BIOMASS

ANA LAURA DOMINGUES MARQUES CAMPISTA

(2246) FERMENTATION PROFILES OF ETHANOL-PRODUCING BACTERIA DURING XYLOSE AND GLUCOSE TRANSFORMATION

ANGELA MARIA GARCIA ACERO

(2262) USE OF FORAGE PALM BIOMASS (OPUNTIA FICUS-INDICA MILL) TO OBTAIN CELLULASES AND REDUCING SUGARS INTENDED FOR THE PRODUCTION OF BIOETHANOL

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(2277) CHARACTERIZATION OF MURUMURU METHYL AND ETHYL ESTERS BY GAS CHROMATOGRAPHY - MASS SPECTROMETRY (GC-MS)

ANDRESSA TIRONI VIEIRA

(2282) SYNTHESIS OF BIODIESEL FROM SYAGRUS CORONATE

PAULO HENRIQUE DUARTE

(2299) LIPASE PRODUCED BY TRICHODERMA PSEUDOKONINGII, IMMOBILIZATION AND BIOCHEMICAL CHARACTERIZATION AND TRANSESTERIFICATION ACTIVITY

ANTONIO CARLOS FERREIRA BATISTA

(2489) FIRE RETARDANCY OF PARTICLEBOARDS FILLED WITH LIGNOSULFONATES

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(248) MOLECULAR STRUCTURE OF METAL-ORGANIC FRAMEWORKS FORMED BY PYRIDYL-VINYL-BENZOATE AND TRANSITION METALS IONS M (II)

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(311) IN SITU PREPARATION OF A HETEROBIMETALLIC 3D NETWORK USING AN OXAMATE-TYPE LIGAND

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(419) HOW DIFFERENT SAMPLE PREPARATION INFLUENCE RESULTS IN WDXRF

RICARDO GIL DE ANDRADE FONTES

(439) PREPARATION OF MONODISPERSED HIERARCHICAL LAYERED DOUBLE HYDROXIDE ON SILICA SPHERES WITH MANGANESE(III) PORPHYRIN AND USE FOR HETEROGENEOUS CATALYSIS OF OXIDATION REACTION

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(514) METAL COMPLEXES WITH CHOLINESTERASE INHIBITING PROPERTIES AS A PROMISING APPROACH IN ALZHEIMER'S DISEASE

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(550) SYNTHESIS AND CHARACTERIZATION OF CEPO₄ OBTAINED FROM CERIUM HYDROXYCARBONATE IN PVP BY HOMOGENEOUS PRECIPITATION AND HYDROTHERMAL SYNTHESIS

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(601) EVALUATION OF CYTOTOXIC EFFECT OF CO AND NO RELEASERS BASED ON TRINUCLEAR μ_3 -OXO RUTHENIUM COMPLEXES

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(674) METAL-ORGANIC FRAMEWORK (MOF) BUILT BY RARE EARTHS AND CARBOXYLATE GROUPS WITH (PHOTO)CATALYTIC PROPERTIES FOR POLLUTANT DEGRADATION

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(699) THIOPHENE-FUNCTIONALIZED METALLOPORPHYRIN AS CYTOCHROME P450 MODEL: EVALUATION OF CATALYTIC ACTIVITY ON CYCLOHEXANE OXIDATION

AMANDA CARDOSO ZERA

(713) SYNTHESIS AND STRUCTURAL DESIGN OF A NEW FRAMEWORK DERIVED FROM DY+3 ION AND 2,5-PYRAZINEDICARBOXYLATE

LISANDRA PEREIRA RAMOS

(732) MAGNETO-STRUCTURAL CORRELATION FOR THE CU(II)/NAI HETEROBIMETALLIC POLYMER CHAIN CONTAINING THE 3-PHENYLPROPIONATE ANION.

NATHÁLIA RODRIGUES DE CAMPOS

(746) USE OF SYNTHETIC METALLOPORPHYRIN IMMOBILIZED ON MAGNETIC AND MESOPOROUS SILICA SUPPORT TOWARDS OXIDATION REACTION OF THE ADAMANTANE

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(783) CATALYTIC ACTIVITY OF THE CO(II)/CO(III) COUPLE TOWARDS PEPTIDE BOND CLEAVAGE AND FORMATION OF MOLECULAR OXYGEN ADDUCTS IN PROTIC AMIDE SOLUTIONS

ANNA KAROLYNA GOMES

(805) INVESTIGATION OF ELECTROCATALYTIC ACTIVITY OF A Cu^{2+} COMPLEX TOWARDS REACTIONS OF REDUCTION OF OXYGEN IN BASIC MEDIUM

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(850) SORPTION OF ANIONIC REMAZOL BLUE RN DYE ON Fe^{2+} , Fe^{3+} , Cu^{2+} , Ni^{2+} , Zn^{2+} , Co^{2+} EXCHANGED BENTONITES

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(867) SYNTHESIS, CHARACTERIZATION AND EVALUATION OF THE ANTITUMOR ACTIVITY OF THE CYCLOPALLADATED COMPLEXES OF THE TYPE $[\text{Pd}(\text{BZAN})(\text{X})(\text{DPPP})]$, $\text{X} = \text{SCN}^-$; NCO^- .

ALESSANDRA STEVANATO

(872) INORGANIC COMPOSITION OF PEJIBAYE (*BACTRIS GASIPAES* KUNTH) BY FLUORESCENCE BY WAVE DISPERSION

FLAVIA LOPES MACHADO

(928) CATALASE-LIKE ACTIVITY OF A NEW MATERIAL BASED ON CHITOSAN AND A COPPER COMPLEX

CARLA NANJI MAIA DONOLA PEREIRA

(929) DEVELOPMENT OF A HYBRID MATERIAL BASED IN COOPER COORDINATION COMPOUND WITH CHITOSAN

ANNELISE CASELLATO

(942) BENTONITE AS A DRUG DELIVERY SYSTEM FOR AMILORIDE: INTERCALATION AND IN VITRO RELEASE

LEANDRO SEVERINO DE OLIVEIRA

(945) HYDROXYAPATITES MODIFIED WITH SILICON AND TITANIUM OXIDES

WANDERSON BARROS COSTA

(1050) EFFECT OF INTERLAYER ION IN THE RANITIDINE SORPTION ON MAGADIITES

DENISE DE BRITO FRANCA

(1363) ENHANCED DNA PHOTOCLEAVAGE AND BINDING PROPERTIES OF RUTHENIUM(II)-DPPZ COMPLEXES: EFFECTS OF THE ANTHRACENYL AND NAPHTHYL ANCILLARY LIGANDS

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(1438) EFFECT OF Mn(III) PORPHYRIN ON *SORGHUM BICOLOR* (L.) MOENCH (SWEET SORGHUM) GROWTH UNDER SALT STRESS CONDITIONS

BARBARA MARIZ-SILVA

(1546) P450-BIOINSPIRED MATERIALS BASED ON JACOBSEN CATALYSTS IMMOBILIZED ON BIOPOLYMERS

LUCAS BOMFIM BOLZON

(1571) THEORETICAL STUDIES OF AN IRON(III) COMPLEX WITH ANTITOXOPLASMA ACTIVITY

SÉRGIO DE PAULA MACHADO

(1586) GADOLINIUM(III) COMPLEXES WITH N-ALKYL-N-METHYLGLUCAMINE SURFACTANTS INCORPORATED INTO LIPOSOMES AS POTENTIAL MRI CONTRAST AGENTS

SIMONE RODRIGUES SILVA

(1590) SYNTHESIS AND CHARACTERIZATION OF (III) BISMUTH(III) NITRATE COMPLEXES WITH PHENANTHROLINE LIGAND

DARIANE DA SILVA LOPES

(1919) PROSPECTION OF HIDROXAMATE- AND QUINONE-TYPE SIDEROPHORES FOR IRON OVERLOAD CHELATION THERAPY

GABRIEL SOUTO DA SILVA

(1939) SYNTHESIS AND TRYPANOCIDAL ACTIVITY OF NOVEL COPPER(II) COMPLEXES

MAURÍCIO FERREIRA DE LIMA

(1986) EFFECTS INDUCED ON THE PHOSPHOLIPID LANGMUIR MONOLAYERS BY RUTHENIUM PHOSPHINE COMPLEX

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(2038) TRANSPARENT CONDUCTIVE SILVER NANOWIRES GRID ELECTRODE AS INTERMEDIATE ELECTRODE IN VERTICAL TRANSISTORS

LUIZ GUSTAVO SIMAO ALBANO

(2054) THERMAL BEHAVIOR OF ZN/AL LAYERED DOUBLE HYDROXIDE INTERCALATED WITH FOLATE: RELEVANCE FOR PRODUCTION OF CARBON NANOCOMPOSITES

VAGNER ROBERTO MAGRI

(2110) BIOSENSING PROPERTIES OF UREASE-THIOPHENE POLYMER THIN FILMS

TAMIREZ PEDRALI DE AQUINO

(2166) GRAPHENE OXIDE LUMINESCENT NANOPARTICLES: ELECTROCHEMICAL EXFOLIATION SYNTHESIS USING GRAPHITE FROM EXHAUSTED BATTERIES

RODOLFO BONOTO ESTEVAM

(2230) LIGAND- AND SOLVENT-MEDIATED INTERACTIONS BETWEEN NANOPARTICLES

DEBORA LUANA MONEGO

(2243) CHEMICAL FUNCTIONALIZATION OF GRAPHENE OXIDE (GO) WITH CATIONIC ALKOXYSILANES: EFFECT OF THE MOLECULE STRUCTURE ON THE IN SITU GROWTH OF METALLIC NANOPARTICLES

LUCAS DIAS GERMANO

(2364) FE₃O₄@AU AS NANOPLATFORM THE FOR ELECTROCHEMICAL GENOSENSORS DEVELOPMENT

THAMIREZ PEREIRA DOS SANTOS

11. NATURAL PRODUCTS AND BIODIVERSITY (NB)

(260) EUCOMMIA ULMOIDES AND REHMANNIA GLUTINOSA: TRADITIONAL CHINESE PLANT MEDICINE EVALUATED ON NOCICEPTIVE EXPERIMENTAL MODEL

MARY ANN FOGLIO

(262) NEW ACETOGENINS FROM THE SEEDS OF PORCELIA MACROCARPA R. E. FRIES (ANNONACEAE)

EMERSON ALVES DE OLIVEIRA

(274) ISOLATION OF ATRARIC ACID AND VANILLIN DERIVATIVE FROM THE STEM BARK OF POINCIANELLA PLUVIOSA (LEGUMINOSAE).

RAULDENIS ALMEIDA FONSECA SANTOS

(281) SCREENING ORGANIC EXTRACTS FROM A PENICILLIUM SP (JUANT 028) GROWN ON SOLID MEDIUM TO INHIBIT THE PHYTOPATHOGENS: BOTRYOSPHERA RHODINA, FUSARIUM OXYSPORUM AND SCLEROTINIA SCLEROTIUM
WELLINGTON LUIZ OLIVEIRA

(293) TERPENOIDS FROM LEAVES OF GUAREA MACROPHYLLA (MELIACEAE) DISPLAY IN VITRO CYTOTOXIC ACTIVITY AND INDUCE APOPTOSIS IN MELANOMA CELLS

GEANNE ALVES CONSERVA

(295) NEOLIGNANS ISOLATED FROM NECTANDRA LEUCANTHA INDUCE APOPTOSIS IN MELANOMA CELLS

FERNANDA SAMARA DE SOUSA

(330) FIRST RECORD OF THE CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITY OF THE ESSENTIAL OIL FROM BEGONIA RENIFORMIS LEAVES

ANNE GABRIELLE MARQUES DA SILVA

(336) EVALUATION OF ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF EXTRACTS OF ANNONA JAHNII SAFF (ANNONACEAE)

LUIZ ANTONIO MENDONÇA ALVES DA COSTA

(339) ANTIVIRAL ACTION OF RED PROPOLIS AGAINST HERPES SIMPLEX VIRUS (HSV-1)

GIUSEPPINA NEGRI

(353) EVALUATION OF ANTIPARASITIC ACTIVITY OF SYNTHETIC CHALCONES AND DIHYDROCHALCONES

KAIO DE SOUZA GOMES

(449) ANTIFUNGAL ACTIVITY OF THE RHIZOME EXTRACT FROM CHAMAECOSTUS CUSPIDATUS

BETANIA BARROS COTA

(454) ANTILEUKEMIC ACTIVITY OF QUERCETIN-3-O-(6-O-GALLOYL)-D-GLUCOPYRANOSIDE FROM THE LEAVES OF EUGENIA DYSENTERICA

CAUANE CAMILA OLIVO DE ARUEIRA

(459) ACETILENIC FATTY ACIDS FROM FLOWERS OF PORCELIA MACROCARPA (ANNONACEAE)

VINICIUS SILVA LONDERO

(517) ANTIPARASITIC NEOLIGNANS FROM AQUATIC MACROPHYTE SAURURUS CERNUUS (SAURURACEAE)

JULIANA RIBEIRO BRITO

(539) PLECTRANTHUS BARBATUS PROTEASE INHIBITORS: CHEMICAL CHARACTERIZATION AND CYTOTOXICITY ON HUMAN CARCINOMA CELLS

ALCIDES ALVES DE FREITAS

(565) ISOLATION AND STRUCTURE OF SECONDARY METABOLITES FROM THE BASIDIOMYCETE AURICULARIA SP.

JULIANO SLIVINSKI

(575) OBTENTION OF HEXANOIC EXTRACT AND CHARACTERIZATION OF THE OIL OF NATIVE PLANTS OF BRAZILIAN NORTHEASTERN CAATINGA

SANNYELE ALCANTARA EMILIANO

(588) METABOLOMIC APPROACH AND THE UNSUPERVISED STATISTICAL METHOD EXPANDS THE CLASSIFICATION OF PROPOLIS FROM THE BIOMES OF THE BRAZILIAN MIDWESTERN REGION

VALÉRIA DOS SANTOS GONÇALVES

(635) LIPOXYGENASE INHIBITORY COMPOUNDS FROM FRIDERICIA SPECIOSA MART.

PATRÍCIA MENDONÇA PAULETTI

(651) ANTI-PARASITIC ACTIVITY OF TERPENOIDS FROM CASEARIA SYLVESTRIS

PATRICIA SARTORELLI

(797) BIOLOGICAL ACTIVITY OF PUNICA GRANATUM SEEDS PROTEASE INHIBITOR

GRACIMÉRIO J. GUARNEIRE

(812) PHYTOCHEMICAL STUDY AND BIOLOGICAL ACTIVITIES OF MOQUINIASTRUM FLORIBUNDUM (ASTERACEAE)

CINTHIA INDY TAMAYOSE

(814) GASTROPROTECTIVE POTENTIALS OF COMBRETUM LANCEOLATUM AND THE FLAVONOID MYRICITRIN AGAINST ETHANOL- AND NSAID-INDUCED ULCER IN MICE

PATRICK DA SILVA MIROWSKI MIROWSKI

(865) DEREPLICATION BY UPLC-ESI-QTOF-MS OF THE DECOCTION FROM THE TRUNK BARK OF A CULTIVATED SPECIMEN OF MYRACRODRUON URUNDEUVA ("AROEIRA-DO-SERTÃO")

NAYARA CORIOLANO DE AQUINO

(916) EFFECTS OF EXTRACTION SOLVENT ON TOTAL PHENOLIC PROFILES, ARTEPILLIN C CONTENTS, AND ANTIOXIDANT PROPERTIES OF GREEN PROPOLIS EXTRACTS

LUCAS DE OLIVEIRA PIRES

(935) EVALUATION OF CHEMICAL COMPOSITION, ANTIOXIDANT ACTIVITY AND TOXICITY OF CYMBOPOGON CITRATUS EXTRACTS

ANA CAROLINA MENDES HACKE

(947) DETERMINATION OF THE CHEMICAL PROFILE OF AQUATIC PLANTS COLLECTED IN THE RESTINGA OF ARRAIAL DO CABO, RJ.

JULYA EMMERICK DA SILVA

(1009) SEASONAL VARIATION IN DPPH SCAVENGING ACTIVITY OF THE CALOPHYLLUM BRASILIENSE GROWN IN THE AMAZON

FLÁVIA MANUELA SOBRAL DA COSTA

(1039) DEHYDRODIEUGENOL ISOLATED BY HPCCC FROM NECTANDRA LEUCANTHA AND PERMETHYLATED DERIVATIVE - ANTITRYPANOSOMAL ACTIVITY, EVALUATION OF MECHANISM OF ACTION AND IN SILICO ADMET AND PAINS PREDICTION.

SIMONE DOS SANTOS GRECCO

(1064) THE NEW ALKALOIDS OF JUSTICIA GENDARUSSA BURM. F.

LUCIANA GREGORIO DA SILVA SOUZA

(1072) CHEMICAL PROFILE AND CYTOTOXIC ACTIVITY OF LEAF, BRANCH AND BARK EXTRACTS FROM AROEIRA-DO-SERTÃO (MYRACRODRUON URUNDEUVA ALL.): METABOLIC AND CHEMOMETRIC APPROACH

PAULO RICELI VASCONCELOS RIBEIRO

(1087) ANTIMICROBIAL POTENTIAL AND IN VITRO ANTIBIOFILM OF SPECIES OF THE GENUS EUGENIA (MYRTACEAE) NATIVE TO SOUTHERN BRAZIL

EDUARDO MIRANDA ETHUR

(1181) CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITIES OF THE ESSENTIAL OIL OF MORINDA CITRIFOLIA FRUITS (RUBIACEAE)

WALDEMAR ALVES RIBEIRO FILHO

(1211) POTENTIAL ETHANOLIC EXTRACTS FROM MANDEVILLA (APOCYNACEAE) SPECIES TO CONTROL AEDES AEGYPTI MOSQUITO LARVAE

BARBARA CAROLINA DE OLIVEIRA PEIXOTO

(1259) ANTIMICROBIAL ACTIVITY AND ANALYSIS OF PHENOLIC COMPOUNDS AND FLAVONOIDS IN PROPOLIS SAMPLES FROM THE REGION OF VALE DO IVAÍ, BRAZIL

CAMILA PEITZ

(1370) ANTHELMINTIC ACTIVITY OF IMIDAZOLE ALKALOIDS FROM PILOCARPUS MICROPHYLLUS LEAVES

ANA CAROLINA MAFUD

(1386) NEW COMPOUNDS FROM SIOLMATRA BRASILIENSIS (CONGN.) BAILL, CUCURBITACEAE

MARIO GERALDO DE CARVALHO

(1397) SECONDARY METABOLITES PRODUCED BY THE ENDOPHYTIC FUNGUS NB-1 ISOLATED FROM THE LEAVES OF NEPHROLEPSIS BROWNII

RAILDA NEYVA MOREIRA ARAÚJO

(1402) BIOACTIVE COMPOUNDS FROM THE INNER BARK OF KIELMEYERA CORIACEA MART & ZUCC

FRANCISCO JOSE TORRES AQUINO

(1451) CHEMICAL AND PHYTOCHEMICAL STUDY OF THE LEAVES OF "SACHACULANTRO" USED IN THE PERUVIAN AMAZON

GLORIA EVA TOMAS CHOTA

(1453) VIBRATIONAL SPECTROSCOPY AND MODULATORY ACTIVITY OF 3,6,16-TRIHIDROXYLUP-20(29)-ENE ISOLATED OF LEAVES COMBRETUM LEPROSUM MART. (COMBRETACEAE)

ALEXANDRE MAGNO RODRIGUES TEIXEIRA

(1489) CHEMICAL CONSTITUENTS ISOLATED FROM BUNCHOSIA GLANDULIFERA

DAIANE EINHARDT BLANK

(1509) EXTRACTS OF CALENDULA OFFICINALIS L. AS PRESERVATIVE OF FRAGARIA CHILOENSIS L.

RODRIGO RODRIGUEZ

(1513) ANTIFUNGAL ACTIVITY OF COPAIBA OIL AND COPAIBA OIL MICELLAR FORMULATION AGAINST ISOLATED OF PARACOCCIDIOIDES

LUCILIA KATO

(1525) ANTIBACTERIAL AND ANTIBIOFILM ACTIVITY OF THE HYDROALCOHOLIC EXTRACT OF HIMATANTHUS DRASTICUS (MART.) PLUMEL (APOCYNACEAE) AND ITS CHEMICAL COMPOSITION THROUGH HPLC-ESI-MS ANALYSIS

VINÍCIUS GALVÃO WAKUI

(1550) EVALUATION OF ANTICANCER AND ANTIMICROBIAL ACTIVITIES OF THE COPAIBA OLEORESIN

ANNA LAÍS PFEIFER BARBOSA

(1553) CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF HEDYOSMUM BRASILIENSE MART. EX MIQ. ESSENTIAL OILS

CYNTHIA MURAKAMI

(1584) ANTHELMINTIC ACTIVITY OF ALKALOIDS FROM PILOCARPUS MICROPHYLLUS LEAVES

YVONNE PRIMERANO MASCARENHAS

(1666) EVALUATION OF THE IN VITRO SCHISTOSOMICIDAL ACTIVITY AND CHEMICAL PROFILE BY ESI-MS AND HPLC-MS OF VOCHYSIA DIVERGENS STEM EXTRACT

LETÍCIA PEREIRA PIMENTA

(1698) BIOPROSPECTION AND CHEMOSYSTEMATICS RELEVANCE OF GAMMA-BUTYROLACTONES IN LAURACEAE SPECIES

TALITA VILALVA FREIRE

(1701) EVALUATION OF THE ANTIMICROBIAL ACTIVITIES OF EXTRACTS AND THE ISOLATION OF METABOLITES FROM PARAPHAEOSPHAERIA SPORULOSA

MARCELO RODRIGUES AMORIM

12. PHYSICAL, BIOPHYSICAL AND COMPUTATIONAL CHEMISTRY (PC)

(235) COMPUTATIONAL STUDY ON THE PROTON TRANSFER REACTION USING ECD

NELSON HENRIQUE MORGON

(298) A QUANTUM THEORY CHARGE-CHARGE TRANSFER-DIPOLAR POLARIZATION INTERPRETATION OF THE HYDROGEN-BOND.

LEONARDO JOSÉ DUARTE

(341) A MESOSCOPIC CONTINUUM APPROACH FOR THE STUDY OF MESOPHASE PITCH-BASED CARBON FIBERS

CAIO CÉSAR FERREIRA FLORINDO

(574) MOLECULAR DYNAMICS AND DFT ANALYSIS OF TERT-BUTANOL SOLVENT EFFECT FOR FLUORINATION WITH POTASSIUM AND CESIUM FLUORIDES

JOSEFREDO RODRIGUEZ PLIEGO

(675) LINKAGE ISOMERISM IN $[\text{RU}(\text{NH}_3)_5\text{BTZH}]^{2+/3+}$ AND $[\text{RU}(\text{NH}_3)_5\text{BTZ}]^{+/2+}$ COMPLEXES. A DENSITY FUNCTIONAL THEORY STUDY.

TIAGO LEYSER DA COSTA GOUVEIA

(781) PHOTOPHYSICAL PROPERTIES AND THEORETICAL INVESTIGATION OF COUMARIN AND NAPHTHOQUINONE HYBRIDS

MIKAELLY OLIVEIRA BATISTA DE SOUSA

(906) BISTABILITY AND OSCILLATION RAISED BY RECOMBINATION BETWEEN DIMERS

ELDER TACIANO ROMÃO DA SILVA

(989) MOLECULAR COMPUTATIONAL SIMULATION IN THE FORMATION OF COMPLEXES PRESENT IN THE TROPONIN T CONCERNING THE SYNTHESIS OF MIP HIGHLY SELECTIVE.

LUCAS NERES CHAGAS DA SILVA NERES

(999) FVC DENSITY FUNCTIONAL OPTIMIZATION THROUGH ARTIFICIAL NEURAL NETWORKS

CAIO AMARAL CUSTÓDIO

(1013) COMPUTATIONAL STUDIES OF IONIC LIQUID DIFFUSION INSIDE CHARGED SLITS

GIULIA MURBACH DE OLIVEIRA

(1056) UNBINDING ENERGY OF THE GLYPHOSATE HERBICIDE IN THE EPSPS ENZYME BINDING SITE USING POTENTIAL OF MEAN FORCE

BRENDA SANTOS DIAS FRACHONI

(1127) STUDY OF ADSORPTION ENERGY AND THE INTERACTION BETWEEN ZEOLITE Y AND WINE VOLATILE COMPOUNDS. A COMPUTATIONAL APPROACH

HENRY CÁRCAMO CABRERA

(1193) ACTIVATION BARRIERS FOR ANION-MOLECULE SNAR REACTIONS AND THE ROLE OF SOLVENT EFFECT

DANIELA RIBEIRO SILVA

(1305) THEORETICAL STUDY OF PHOTOCHEMICAL PROPERTIES OF SILOLE.

MARIANA TELLES DO CASAL

(1378) THEORETICAL STUDY OF THE PD-CATALYZED O-METHYL-N-PHENILCARBAMATE DIRECT ARYLATION

DANIEL GIANFRANCO WATANABE

(1493) COMPUTATIONAL STUDY OF PALLADIUM-CATALYZED REACTIONS INVOLVING SELENOPHENE

RAFAEL MACEDO DE VASCONCELOS AZEVEDO

(1517) SUBSTITUENT EFFECT ANALYSIS OVER COVALENT CHARACTER AND ENERGY OF C-H BONDS

GABRIEL KOSSAKA MACEDO

(1539) CARBOXYLATION MECHANISM OF ALKYLBORONATES WITH CO₂ CATALYSED BY [NI(NHC)(ALLYL)CL] COMPLEXES: A DFT STUDY

MAICON DELARMELENA

(1559) CONFORMATIONAL PREFERENCES ON THE ENANTIOSELECTIVE HECK-MATSUDA ARYLATION OF CYCLOPENT-3-YLMETHANOL: A DFT STUDY

ATAUALPA A. C. BRAGA

(1563) DFT ELUCIDATION OF REGIO- AND ENANTIOSELECTIVE HECK ARYLATION USING ACYCLIC OLEFINS AND ARYL-DIAZONIUM SALTS AS SUBSTRATES

VITOR HUGO MENEZES DA SILVA

(1655) COMPUTATIONAL STUDY OF PYRAZINE DERIVATIVES AS CORROSION INHIBITORS

LILIAN WEITZEL COELHO PAES

(1685) A DFT STUDY OF MORPHOLINE CONFORMATION ON MOR-DALPHOS LIGAND IN AMMONIA MONOARYLATION

MAURÍCIO PORTIOLLI FRANCO



Poster session
TUESDAY 11th, 2017

01. ANALYTICAL & FOOD CHEMISTRY (AC)

(179) BIOACTIVE COMPOUNDS IN BLENDS OF COFFEE OF VARYING QUALITY

RAFAEL CARLOS ELOY DIAS

(348) CHARACTERISATION OF AROMA PROFILE OF SLOVAK TOKAJ WINES USING SBSE-GCXGC-TOF AND HRTOF-MS.

IVAN_PÁNIK

(355) DEVELOPMENT OF ANALYTICAL METHOD FOR THE PESTICIDE MULTIRESIDUE ANALYSIS BY ULTRA HIGH PERFORMANCE SUPERCRITICAL FLUID CHROMATOGRAPHY (UHPSFC) AND COMPARISON WITH ULTRA HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (UHPLC)

KAREN PRISCILA DE LIMA

(378) PREPARATION AND PHYSICAL-CHEMICAL CHARACTERIZATION OF BENZYLAMIDE STATIONARY PHASE FOR HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

ANA CAROLINA MARCUCCI

(381) DETECTION OF IN-SITU GENERATED GLYCEROL AT A LIQUID-LIQUID INTERFACE BY ELECTROCHEMICAL METHODS

ETIENNE SAMPAIO OLIVEIRA

(392) VOLATILIZATION USING MICROWAVE-INDUCED COMBUSTION: A FEASIBLE APPROACH FOR DETERMINATION OF CL AND F IN EYE SHADOW BY ION CHROMATOGRAPHY

VANIZE CALDEIRA COSTA

(395) DEVELOPMENT OF A METHOD FOR THE BIOMONITORING OF HALOGENS THROUGH HAIR ANALYSIS

DIOGO LA ROSA NOVO

(416) PHOTOPHYSICAL CHARACTERIZATION OF THE PH SENSITIVE FLUORESCENT PROBE 11H-PYRIDO[2,1-B]QUINAZOLIN-11-ONE

JOÃO VICTOR LOPES DA SILVA NÉTO

(500) METHOD OPTIMIZATION FOR TRANS FATTY ACID DETERMINATION BY CZE-UV UNDER DIRECT DETECTION WITH A SIMPLE SAMPLE PREPARATION

TATIANE LIMA AMORIM PRADO

(510) CHROMATOGRAPHIC EVALUATION OF A PENTAFLUOROBENZAMIDE STATIONARY PHASE BY RP-HPLC

CLAUDIO CASTRO FERREIRA

(536) MODERNIZING COLOR TESTS WITH PRINTING AND IMAGE ANALYSIS

RAYCHELLE BURKS

(543) EVALUATION OF ADSORPTION BEHAVIOR OF BOVINE SERUM ALBUMIN PROTEIN BY QCM-D AND IMPEDANCE.

RUBENS ARAUJO DA SILVA

(637) PREPARATION OF MAGNETICS NANOPARTICLES OF IRON MODIFIED WITH L-GLUTAMINE AND ITS APPLICATION IN THE SEPARATION OF LEAD AND VANADIUM FROM AQUEOUS MEDIUM

ANDRÉ SOUZA ARAUJO

(638) QUECHERS METHOD FOR EXTRACTION OF 16 PESTICIDES FROM SOIL

CAMILA HONDA OGIHARA

(649) AMINO-FUNCTIONALIZED GRAPHENE QUANTUM DOTS COUPLED WITH GOLD NANOPARTICLES: A FIRST EVALUATION AS AN ANALYTICAL PROBE.

CARLOS ALBERTO TOLOZA

(690) DETERMINATION OF ZN IN BRAZILIAN GASOLINE USING EXTRACTION INDUCED BY MICROEMULSION BREAKING

JONAS OLIVEIRA VINHAL

(758) THE APTAMER AND 11-MERCAPTOUNDECANOIC ACID ASSEMBLED GOLD NANOPARTICLES TOWARD THE SEQUENTIAL COLORIMETRIC DETECTION OF ADENOSINE AND CR(III)

CHUAN DONG

(761) PHOSPHORUS/NITROGEN DUAL-DOPED CARBON DOT FOR THE DETECTION OF CHROMIUM(VI) AND ASCORBIC ACID

SHAOMIN SHUANG

(775) ELECTROCHEMICAL BIOSENSOR BASED ON ESTERASE ADSORBED ON LAMELLAR ZINC HYDROXIDE FOR CARBENDAZIM PESTICIDE DETERMINATION

ANELISSE BRUNCA DA SILVA

(851) MONOLITHIC CAPILLARY COLUMNS BASED ON SILICA MODIFIED WITH POLYDIMETHYLSILOXANE BY THERMAL IMMOBILIZATION

FABIANE PIRES

(852) DEVELOPMENT OF A MICELLAR ELECTROKINETIC CHROMATOGRAPHY WITH UV DETECTION METHOD FOR QUANTIFICATION OF FORMALDEHYDE IN BOVINE MILK

FLÁVIA FERREIRA DE CARVALHO MARQUES

(862) USE OF ORGANIC COAGULANT OF ACACIA MEARNCII FOR PHYSICO-CHEMICAL TREATMENT OF THE EFFLUENT SYNTHESIZED AQUEOUS INK BASE

SUÉLY MANOELA LOYOLA FERNANDES

(868) EVALUATION OF A LACTATE POTENTIOMETIC SENSOR BASED ON POLYPYRROLE FILMS

PRISCILLA MENGARDA

(912) NANOPARTICULATE NI(OH)₂ SENSOR ON PPY 3D MATRIX FOR CARBOHYDRATE DETECTION

FERNANDO MIGUEL

(1007) ENZYMATIC PRETREATMENT FOR DETERMINATION OF PESTICIDES IN LIGNOCELLULOSIC MATERIAL

EDNEI GILBERTO PRIMEL

(1055) SELECTIVE LEAD EXTRACTION USING A GREEN METHOD

MARIA C. HESPANHOL

(1081) SIMULTANEOUS SUPRAMOLECULAR SOLVENT-BASED MICROEXTRACTION OF FOUR COMMON SUGARCANE HERBICIDES FROM NATURAL WATERS AND DETERMINATION BY HPLC-DAD

GUILHERME LUIZ SCHEEL

(1089) EVALUATION OF STATIONARY PHASES BASED ON POLY[DIMETHYLSILOXANO-CO-(3-AMINOPROPYL)METHYLSILOXANE] AND SILICA FOR USE IN HIGH PERFORMANCE LIQUID CHROMATOGRAPHY

CARLA BEATRIZ GRESPLAN BOTTOLI

(1205) IDENTIFICATION OF MYCOTOXINS OF ASPERGILLUS FLAVUS USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY

CARLOS EDUARDO RUBIO SENES

(1269) LACTULOSE DETERMINATION IN UHT MILK BY CZE-UV WITH INDIRECT DETECTION

MARCONE OLIVEIRA

(1280) ANALYSIS OF β -CARBOLINE ALKALOIDS IN PASSIFLORA EDULIS PEELS

VÍTOR FERNANDES FREIRE

(1292) AN IMPEDIMETRIC SENSOR FOR DISSOLVED OXYGEN DETECTION

MARCOS F. S. TEIXEIRA

(1302) SIMULTANEOUS DETERMINATION OF HYDROCHLOROTHIAZIDE AND TRIAMTERENE IN BIOLOGICAL SAMPLE FOR ANTI-DOPING CONTROL BY VOLTAMMETRIC METHOD

MARIA VALNICE BOLDRIN ZANONI

(1411) A SUB-MINUTE CE-C4D METHOD FOR SIMULTANEOUS DETERMINATION OF AMOXICILLIN, CLAVULANATE, AND POTASSIUM

ALEX DOMINGUES BATISTA

(1412) EFFECT OF AMMONIUM CARBAMATE ON THE STABILITY OF ENZYMES

LUCIMARA LOPES DA SILVA

(1421) ELECTROCHEMICAL IMMUNOSENSOR TO DETECT HUMAN IGE HYPERSENSITIVE FOR THERAPEUTIC HORSE SERA ANTIVENOM

ISIS CAMPOS PRADO

(1442) PAPER-BASED DEVICES FOR ELECTROCHEMICAL AND SERS SENSING

WILSON AKIRA AMEKU

(1537) NEW ELECTRODE MATERIALS AND ARRANGEMENTS FOR MONITORING OF BIOLOGICALLY ACTIVE ORGANIC COMPOUNDS

JIRI BAREK

(1575) SELECTIVE ELUTION OF PERFLUORINATED COMPOUNDS IN SOLID PHASE EXTRACTION

CRISTIANE VIDAL

(1606) ULTRASOUND-ASSISTED EMULSIFICATION LIQUID-LIQUID MICROEXTRACTION IN AN ON-LINE SYSTEM FOR DETERMINATION OF CADMIUM IN WATER AND TEA SAMPLES

LEANE SANTOS NUNES

(1646) P-IN-TUBE SPME WITH MOLECULARLY IMPRINTED POLYMER FOR DETERMINATION OF TRIAZINES IN GRAPES AND WHOLE GRAPE JUICES SAMPLES

ANA LÚCIA DE TOFFOLI

(1679) THE FIRST SERS SPECTRUM OF 4-METHYLIMIDAZOLE ON A COPPER ELECTRODE

JULIO SILVA WYSARD

(1770) THE IMPORTANCE OF THE QUALITATIVE AND QUANTITATIVE ANALYSIS TO DETERMINE HYDROCARBON GASES PRODUCED FROM MINERAL OILS IN POWER TRANSFORMERS TO THE ELECTRICAL ENGINEERING.

GILZE BORGES

(1773) EMULSION-BASED METHOD EVALUATION FOR THE DETERMINATION OF LEAD AND SILICON IN GASOLINE BY ICPOES

SANDRA PATRÍCIA DE ANDRADE MARIANO SANTOS

(1875) DEVELOPMENT AND APPLICATION OF A NEW METHODOLOGY TO SAMPLE PREPARATION USING SEMIPERMEABLE MEMBRANE FOR THE DETERMINATION OF CU, AG AND NI IN URINE BY GFAAS

KAROLINE DUTRA DO AMARAL

(1895) SEMI-INTEGRATIVE VOLTAMMETRY AS AN EFFICIENT TOOL TO STUDY ELECTROCHEMICAL SYSTEMS IN DEEP EUTECTIC SOLVENTS

ALAN MASSAYUKI PERDIZIO SAKITA

(1931) ANALYSIS OF NICOTINE IN CIGARETTES BY EXTRACTION WITH ALKALI DICHLOROMETHANE AND DETERMINATION BY GAS CHROMATOGRAPHY

BARBARA JARDIM ALVES

(1937) DETERMINATION OF PHOTOPROTECTIVES SUBSTANCES IN SUNSCREEN USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY WITH DIODE ARRAY DETECTOR (HPLC-DAD)

TAYNÁ DE SOUZA VARGAS

(1968) DEVELOPMENT AND VALIDATION OF A METHOD FOR SIMULTANEOUS DETERMINATION OF TRACE LEVELS OF FIVE MACROCYCLIC LACTONES IN CHEESE BY HPLC-FLUORESCENCE

EDUARDO SILVA BAHIENSE DE LYRA

(1975) STUDIES FOR DEVELOPMENT OF CERTIFIED REFERENCE MATERIAL OF HOLMIUM OXIDE FOR SPECTROPHOTOMETRY IN BRAZIL

DEBORA EMY FUJIY GONÇALVES

(2006) INCREASING COVERAGE IN SHOTGUN PROTEOMICS IN THE SCXXRP-MS/MS METHOD

WELITON PEDRO BATISTON

(2027) DEVELOPMENT AND VALIDATION OF A MULTI- PURPOSE METHOD FOR THE SIMULTANEOUS DETERMINATION OF SIX SYNTHETIC DYES IN A VARIETY OF FOODSTUFF OF DIFFERENT CHARACTERISTICS USING HPLC-DAD

ANNIBAL DUARTE PEREIRA NETTO

(2040) EVALUATION OF CHROMATOGRAPHIC CONDITIONS FOR PESTICIDE ANALYSIS USING DOEHLERT MATRIX

ANDRE FERNANDO OLIVEIRA

(2043) RARE EARTHS ELEMENTS PRECONCENTRATION USING DISPERSIVE MICROEXTRACTION LIQUID-LIQUID AND DETERMINATION OF BY DISPERSIVE ENERGY X-RAY FLUORESCENCE SPECTROMETRY

FÁBIO ALAN CARQUEIJA AMORIM

(2101) FAST GC-MS/MS FOR ANALYSIS OF ALLERGENS COMPOUNDS IN PERFUME

THIAGO RODRIGUES BJERK

(2156) HOMOGENEITY STUDY OF A SUGARCANE LEAVES REFERENCE MATERIAL

MARIA ISABEL VEGA MARTINEZ

(2159) TRACERS OF WEAR OF SUGARCANE MILLING SYSTEMS ASSESSED BY INAA

GABRIELA DA SILVA

(2228) DEVELOPMENT OF METHOD FOR DIRECT DETERMINATION OF INORGANIC CONSTITUENTS OF RED WINE USING TXRF

EDNILTON MOREIRA GAMA

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JÓSE RAYMARA ALVES LIMA

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CYNTHIA SENA DA SILVA

(937) THERMOLYSIS IMMOBILIZED ON $FE_3O_4@SILICA$ NANOPARTICLE: PREPARATION AND CHARACTERIZATION OF A NEW RECOVERABLE BIOCATALYST

VITOR AUGUSTO UNGARO

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LUCAS RAPOSO CARVALHO

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ANDREA VAVASORI

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HELOISA GONÇALVES

(1220) DIMETHYLSILOXANE-BASED CYCLOCARBONATES FROM CO₂ CHEMICAL FIXATION

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ALCIONE VIERO DE BASTOS

(1336) SYNTHESIS OF MIXED MATRIX MEMBRANES (MMM) WITH METAL-ORGANIC FRAMEWORK OF ZIRCONIUM(UIO-66) FOR CO₂ CAPTURE

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(1607) EFFECT OF IONIC LIQUID [BMIM][BF₄] ON BIOREDUCTION OF (4R)-(-)-CARVONE MEDIATED BY AUREOBASIDIUM SP.

REGINA APARECIDA CORREIA GONÇALVES

(1809) IMPROVED PERFORMANCE OF NANO₃-MODIFIED MGO SORBENT FOR INTERMEDIATE TEMPERATURE CO₂ CAPTURE

JACINTO TUNGCU LAMUD

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PABLO MACHADO

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ANDRESSA VIDAL MÜLLER

(411) HARD X-RAYS FE K-EDGE SPECTROSCOPY OF RFE₄SB₁₂ (R = NA, K, CA, SR, BA) SKUTTERUDITES

BASSIM MOUNSSEF JR.

(523) SYNTHESIS, CHARACTERIZATION AND PRELIMINARY EVALUATION OF STRUCTURAL STABILITY OF TWO COORDINATION POLYMERS WITH P-AMINOBENZOATE LIGAND AGAINST EXTREME UV RADIATION USING A SYNCHROTRON LIGHT SOURCE.

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(725) NEW SEMICARBAZONE LANTHANIDE COMPLEXES. SYNTHESIS AND CHARACTERIZATION.

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(879) HETERONUCLEAR LANTHANIDE(III) AND CHROMIUM(III) COMPLEXES AS POTENTIAL SINGLE-MOLECULE MAGNETS

JAÍSA FERNANDES SOARES

(1134) SYNTHESIS AND CHARACTERIZATION OF MODIFIED UIO-67 UNIT WITH [RU(H₂O)₂(ENAPY)]CL₂ - APPLICATION IN CATALYSIS AND SENSING

HERCULYS BERNARDO JORGE

(1226) CORRELATIONS AMONG STRUCTURE, ELECTROCHEMISTRY BEHAVIOR AND IN VITRO ANTITUMORAL ACTIVITY OF ORGANOMETALLIC COMPOUNDS WITH GENERAL FORMULA [RUCL(P-CYM)(P-NR-P)]⁺

JULIANA PAULA DA SILVA

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RONALDO COSTA AMARAL

(1457) IN SITU SYNTHESIS OF ZWITTERIONIC LIGAND TO FORM A COBALT METAL-ORGANIC FRAMEWORK: STRUCTURE STABILITY, PORE CHARACTERIZATION AND CATALYTIC PROPERTIES OF CO-MOF

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(1522) THE INFLUENCE OF 3MLCT EXCITED STATE IN MONO AND DINUCLEAR RE(I) COMPLEXES IN QUENCHING EMISSION EXPERIMENTS BY HYDROQUINONE

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(1599) CORRELATIONS BETWEEN SPECTROSCOPIC DATA AND ELECTRONIC PROPERTIES FROM NEW TRINUCLEAR RUTHENIUM COMPLEXES COORDINATED TO AZANAPHTALENE

BRUNA POSSATO

(1676) MULTICOMPONENT CRYSTAL FORMS OF ANTITUBERCULOSIS DRUGS DEVELOPED VIA CRYSTAL ENGINEERING

LUAN FARINELLI DINIZ

(1684) SYNTHESIS, CHARACTERIZATION AND PHOTOLUMINESCENT STUDY OF β -AG₂MOO₄ PURE AND DOPED WITH EU³⁺

PRISCILA BARROS DE ALMEIDA

(1688) MORPHOLOGICAL, PHOTOLUMINESCENT AND STRUCTURAL PROPERTIES STUDY OF EU³⁺, SM³⁺ AND PR³⁺ DOPED β -AG₂WO₄ SYNTHESIZED BY THE COPRECIPITATION METHODOLOGY

IEDA LUCIA VIANA ROSA

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(1705) SYNTHESIS, CHARACTERIZATION AND REACTIVITY OF A NEW RUTHENIUM-TRIPHOS-ACETATE COMPLEX FOR THE DEHYDROGENATION OF FORMIC ACID

OTÁVIO FUGANTI

(1734) SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF THE CHALCONE DERIVATIVE COMPOUND: (E) -3- (3- (DI-METHYLAMINO) PHENYL) -1- (THIOPHEN-2-YL) PROP-2-EN-1-ONE

GABRIELA PORTO DE OLIVEIRA

(1804) THERMAL BEHAVIOR OF SOME BIVALENT TRANSITION METALS ISONICOTINATES

WILHAN DONIZETE GONÇALVES NUNES

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SAILER SANTOS DOS SANTOS

(2108) SYNTHESIS, CRYSTAL STRUCTURE AND EPR STUDIES OF FIRST MNIIILNIII HETERO-BINUCLEAR COMPLEXES

GUILHERME PEREIRA GUEDES

(2135) LUMINESCENT PROPERTIES OF LANTHANIDE COORDINATION COMPOUNDS USING BENZOPHENONE AS LIGAND

DANIEL HACHIYA DE OLIVEIRA

(2142) SYNTHESIS AND CHARACTERIZATION OF CRYLENE ACID, POTENTIAL LIGAND FOR LUMINESCENT COORDINATION COMPOUNDS.

LUCAS DO PRADO CARDOSO

(2146) THE COLORS OF PENTACYANIDOIRON PIGMENTS

JORGE DA SILVA SHINOHARA

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(2183) SYNTHESIS AND CHARACTERIZATION OF A RUTHENIUM COMPLEX WITH A 9-HYDROXYPHENALENONE DERIVATIVE LIGAND

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(435) SILICONE RUBBER INSULATOR COATINGS: A STUDY OF THE PHOTODEGRADATION MECHANISM

ANA PAULA MUNARO

(567) EVALUATION OF DIFFERENT CLAYS AS ALTERNATIVE LOAD IN TREAD FORMULATIONS

MIKAELA DARÓS

(623) SUPPORTED CONSTRAINED GEOMETRY CATALYSTS (CGCS) FOR POLYMERIZATION: WHEN PROPYLENE ENCOUNTERS 2D AND 3D MOLECULAR SIEVES

HIPASSIA MARCONDES MOURA

(828) ADDITIVES EVALUATION ON THERMO-OXIDATIVE AND HYDROLYTIC DEGRADATION OF POLY (ETHYLENE TEREPHTHALATE) USING DESIGN OF EXPERIMENTS (DOE)

FLAVIA LETICIA SILVA FREITAS

(918) PHYSICAL-CHEMICAL CHARACTERIZATION AND DETERMINATION OF ANTIMICROBIAL ACTIVITY OF NATURAL HYDROXYAPATITES OBTAINED BY CALCINATION OF BONES

MARCELO MARQUES TUSI

(1003) POLY(METHYL METHACRYLATE) (PMMA) FIBERS REINFORCED WITH BACTERIAL CELLULOSE NANOCRYSTALS (BCNCS) PRODUCED BY ELECTROSPINNING.

GIOVANNA ARTUSO LINS

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JULIA NATÁLIA OLIVEIRA MAZONI

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VERA APARECIDA OLIVEIRA TIERA

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MARCIO JOSÉ TIERA

(1071) CHEMICAL MODIFICATION OF PEG AND PMMA-G-PEG AND THEIR USE IN CONTROLLED RELEASE OF DRUGS

KÁTIA MONTEIRO NOVACK

(1106) MECHANISM AND KINETICS OF METHOTREXATE RELEASE FROM MPEG-CO-PCL NANOPARTICLES

RODOLFO DEBONE PIAZZA

(1192) BEHAVIOR IN SUPERCRITICAL CO₂ (SCCO₂) OF NEW HYPERBRANCHED POLYMERS, DRUG IMPREGNATION AND RELEASE

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SANDRA ANDREA CRUZ

(1309) APPLICATION OF LACCASE DURING THE ATTAINMENT OF PVA HYDROGELS RETICULATED WITH FERULIC ACID

ANDREIA DE ARAÚJO MORANDIM-GIANNETTI

(1381) GELATION STUDY OF EXTRACELLULAR MATRIX DIGESTION PRODUCTS FOR TISSUE ENGINEERING

GABRIELA MATHEUS MONTEIRO LOBATO

(1388) REACTION PARAMETERS AS A FUNCTION OF SILVER RELEASE IN CELLULOSE WOUND DRESSINGS MODIFIED BY SILVER CHLORIDE

VLADIMIRA VOSMANSKA

(1422) STUDY OF MODEL PROTEINS WITH GRAPHENE OXIDE SELF ASSEMBLED ON ELECTROSPUN POLYCAPROLACTONE FIBER BY LAYER-BY-LAYER TECHNIQUE

ELAYARAJA KOLANTHAI

(1481) DEVULCANIZATION OF TIRE RUBBER BY MICROWAVE: EFFECT ON THE RHEOLOGICAL AND MORPHOLOGICAL PROPERTIES

PAMELA SIERRA GARCIA

(1490) SWELLING OF FILMS FROM GALACTOMANNAN (DIMORPHANDRA GARDNERIANA) AND CHITOSAN

ÉRICO MOURA NETO

(1515) CHARACTERIZATION OF THE CORNEAS SUBMITTED TO PLANT EXTRACTS CONTAINING POLYPHENOLIC COMPOUNDS BY COLLAGENASE DIGESTION

PATRÍCIA ALESSANDRA BERSANETTI

(1551) PHYSICAL-CHEMICAL, ELECTROCHEMICAL AND SPECTROELECTROCHEMICAL STUDY OF POLYMERS AND THIOPHENE- θ -SUBSTITUTED COPOLYMER

GLENDA RIBEIRO DE BARROS SILVEIRA LACERDA

(1580) DEVICE DEVELOPMENT FOR TRANSDERMAL DELIVERY OF DRUGS WITH ANTIMALARIAL ACTIVITY

LAURA OLIVEIRA REBOUÇAS

(1582) PREPARATION AND STUDY OF THE MECHANICAL AND THERMAL PROPERTIES OF NANOFIBERS MADE POLYCAPROLACTONE AND POLY (2-DIMETHYLAMINO) ETHYL METHACRYLATE CONTAINING SILVER NANOPARTICLES

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(1609) STUDY OF THE KINETICS OF THERMAL DEGRADATION OF PORTULACA GRANDIFLORA EXTRACT AND ITS INCORPORATION WITH POLY (VINYL ALCOHOL) IN DIFFERENT ACIDS

RICARDO LIMA GUIMARÃES

(1633) BIOACTIVE AND DEGRADABLE HYBRID MEMBRANES FOR BONE REGENERATION

LUCAS FABRÍCIO BAHIA NOGUEIRA

(1664) ELECTROCHEMICAL OXIDATION OF POLY(9,9- DIOCTYLFLUORENE-ALT-THIOPHENE): TOWARDS A CORRELATION BETWEEN CHARGE TRANSPORT AND MOLECULAR STRUCTURE MODIFICATIONS

GUY LOUARN

(1767) SPECTROSCOPIC AND MICROSCOPIC CHARACTERIZATION OF STARCH GRANULES MODIFIED BY ACID HYDROLYSIS

ROBERTA NÁTALI DO AMARAL ZUCATTI

(1837) SYNTHETIC SCAFFOLDS FROM ELECTROSPUN POLYMERS IN THE PRODUCTION OF EPIDERMIS EQUIVALENT

DENISSE ESTHER MALLAUPOMA CAMARENA

(1856) PLASMA PRE-TREATMENT AND SILVER SPUTTERING OF MEDICAL TEXTILES

KATERINA KOLAROVA

(1884) ACID HYDROLYSIS APPLIED TO THE MODIFICATION OF CORNSTARCH GRANULES

ANDRIELLE DALILA VAILATTI

(1920) RHEOLOGICAL BEHAVIOR OF CHITOSAN/GELATIN/PACAXI OIL EMULSIONS

MARILIA MARTA HORN

(1925) DEVELOPMENT OF CROSSLINKED CHITOSAN COATINGS FOR THE PROTECTION OF MAGNESIUM ALLOYS

LUDMILA DE YSASA POZZO

(1989) SYNTHESIS OF MINERALIZED ESTRADIOL BIOPOLYMERS WITH NANOPARTICLES OF HYDROXYAPATITE PARTIALLY SUBSTITUTED WITH STRONTIUM.

YANIRYS PEREZ DELGADO

(2289) DEVELOPMENT OF CHITOSAN BASED FILMS FOR COSMETIC APPLICATION

GABRIELA POLETTO

(2304) CRYSTALLINITY AND MECHANICAL PROPERTIES OF RECYCLED, GAMMA IRRADIATED HDPE/EPDM BLENDS

AUREA CERQUEIRA GERALDO

(2368) THE CHARACTERIZATION OF THE PROTECTIVE FILM FORMED ON THE NICKEL FREE P558 STAINLESS STEEL AT DIFFERENT MEDIA OF BIOLOGICAL INTEREST

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(452) SEMI-SYNTHESIS, STRUCTURAL ELUCIDATION AND IN-VITRO ANTI-SNAKE VENOM ACTIVITY OF IRREGULAR MONOTERPENES DERIVATIVES FROM BACCHARIS TRIMERA (ASTERACEAE)

MANUEL AGUSTIN MINTEGUIAGA

(495) SYNTHESIS OF A GONIOTHALAMIN DERIVATIVE TAGGED WITH 2,1,3-BENZOTHIADIAZOLE CORE FOR CELL IMAGING EXPERIMENTS IN TUMOR CELLS

ISMAEL RAITZ

(531) DESIGN AND SYNTHESIS OF COUMARIN DERIVATIVES AS POTENTIAL INHIBITORS FOR NEURODEGENERATIVE DISEASES

VALDEMAR LACERDA JR

(577) LICHEN DEPSIDONES: STRUCTURAL MODIFICATION AND ANTIBIOTIC ACTIVITY

ANA CAMILA MICHELETTI

(607) SYNTHESIS OF 1,2,3-TRIAZOLES DERIVED FROM NITROXIDES WITH POTENTIAL ANTIOXIDANT ACTIVITY

ALESSANDRO KAPPEL JORDÃO

(619) DEVELOPMENT OF LUMINESCENT RU(II) COMPLEX FOR TREATMENT AND DIAGNOSIS OF ALZHEIMER'S DISEASE

YASMIN THAÍSE LISBOA DA VEIGA

(687) SYNTHESIS OF P-AMINOGONIOTHALAMIN

MATHEUS ANDRADE MEIRELLES

(689) DESIGN AND SYNTHESIS OF NEW CASSINE ANALOGUES

MARCELA CAMPELO R. SILVA

(698) SHEPHERIN IA, AN ATYPICAL ANTIMICROBIAL PEPTIDE AND A ZINC/COPPER CHELATOR

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(704) CARDIOVASCULAR DENDRIMER PRODRUG DERIVATIVE OF ACETYLSALICYLIC ACID AND ROSUVASTATIN: CORE PENTAERYTHRITOL

ELIZABETH IGNE FERREIRA

(771) PLANNING AND SYNTHESIS OF NEW ANTIPROLIFERATIVES DERIVATIVES OF IMATINIB

ANDRESSA PAULA DE OLIVEIRA

(780) IN VITRO AND IN VIVO ANTIPROLIFERATIVE ACTION OF GONIOTHALAMIN AND 2,4-DIMETHOXYGONIOTHALAMIN ON BREAST CANCER CELL LINES

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(820) SYNTHESIS AND CYTOTOXICITY EVALUATION OF CINNAMIC ACID DERIVATIVES CONTAINING 1,2,3-TRIAZOLIC PORTIONS

RÓBSON RICARDO TEIXEIRA

(821) DESIGN, SYNTHESIS AND BIOLOGICAL ACTIVITY OF AZA-CARBAPTEROCARPAN ON BREAST CANCER AND LEUKEMIA CELLS

JOSEANE ALVES MENDES

(848) SYNTHESIS OF THE HISTONE DEACETYLASE INHIBITOR LARGAZOLE AND A COMPLEX LIBRARY OF ANALOGS FOR THERAPEUTIC UTILITY

CHRISTINE ELIZABETH DUNNE

(869) 1-CARBA-ISOFILAVANONES AND 5-CARBA-PTEROCARPENS: ISOFLAVONOID DERIVATIVES WITH POTENT ANTI-HCV ACTIVITY IN REPLICON REPORTER CELLS

JORGE LUIZ DE OLIVEIRA DOMINGOS

(881) PRODUCT OF HANTZSCH MULTICOMPONENT REACTION AS INTERMEDIATE COMPOUND FOR THE ENZYME DIPEPTIDYL PEPTIDASE IV (DPP IV) INHIBITORS SYNTHESIS

CAMILA DE SOUZA DE OLIVEIRA

(900) SYNTHESIS OF ALKYLAMINO COUMARIN COMPOUNDS DESIGNED AS INHIBITORS OF ACETYLCHOLINESTERASE AND AGGREGATION OF β -AMYLOID PLAQUES FOR THE TREATMENT OF ALZHEIMER'S DISEASE

GABRIELA ALVES DE SOUZA

(922) THIOSEMICARBAZONE AND 4-THIAZOLIDINONE COMPOUNDS: SYNTHESIS AND CYTOTOXIC ACTIVITY OF THE PIPERIDINIC AND MORPHOLINIC SERIES

DAYANE STEPHANY SOUZA

(938) DESIGN AND RACEMIC SYNTHESIS OF β -ARYLTETRALONES AND β -FLUOROARYLTETRALONES

LUANA GONÇALVES DE SOUZA

(969) NEW ABENQUINES AND SYNTHETIC ANALOGUES AS POTENTIAL ANTICANCER AGENTS

AMALYN NAIN PEREZ

(972) SYNTHESIS OF GLYCOSYLATED 1,2,3-TRIAZOLES AND EVALUATION OF THE ANTIDIABETIC ACTIVITY

MARCIO ROBERTO DONZA

(996) SYNTHESIS AND MOLECULAR MODELING STUDIES OF NOVEL (Z)-2-BENZAMIDE-3-PHENYLACRYLIC ACIDS DESIGNED AS PHOSPHODIESTERASE 4 INHIBITORS

PEDRO PENETRA

(1021) INTERACTION OF TETRAKIS(ACETATO)CHLORIDODIRUTHENIUM(II,III) WITH IMIDAZOLE N-HETEROCYCLIC BASES

LUÍS HENRIQUE FERREIRA DE MORAES

(1031) THIOSEMICARBAZIDES AS INHIBITORS OF TYROSINASE ENZYME AND THEIR PHOTOPROTECTIVE EFFECT TARGETING ANTI-SKIN CANCER ACTIVITY

DANILO SOUSA PEREIRA

(1053) DESIGN, SYNTHESIS AND TRIPANOCIDAL EVALUATION OF NEW BENZNIDAZOLE ANALOGUES

GIULIANNA PEREIRA DE ALCÂNTARA

(1222) SYNTHESIS OF NEW 4-OXOQUINOLINE-ACYLHYDRAZONES AND 4-OXOQUINOLINE-1,3,4-OXADIAZOLES AS POTENTIAL ANTICANCER AGENTS

PEDRO NETTO BATALHA

(1358) SYNTHESIS AND CYTOTOXIC ACTIVITY OF LASSBIO-1586 N-ALKYL/ACYL DERIVATIVES

LUIS GABRIEL VALDIVIESO GELVES

(1359) ANTIFUNGAL N-(4-HALOBENZYL)AMIDES AGAINST CANDIDA SPECIES

MAYARA CASTRO DE MORAIS

(1408) SYNTHESIS AND BIOLOGICAL EVALUATION OF NEW DERIVATIVES N-ACYLHYDRAZONES CANDIDATES FOR ANTI-LEISHMANIA AGENTS

MATHEUS DA SILVA DELGOBBO

(1448) IMIDAZO-PYRIMIDINES AND IMIDAZO-PYRAZINES AS POTENTIAL ALK INHIBITORS

ALEXANDRE ORSATO

(1484) CYTOTOXIC EFFECT, MECHANISM OF ACTION AND PERMEABILITY PROFILE OF LASSBIO-1920

CLÁUDIA DO O PESSOA

(1485) DISCOVERY AND DEVELOPMENT OF NOVEL MICROTUBULE ASSEMBLY INHIBITORS

LUMA GODOY MAGALHAES

(1498) BENZOYLTHIOUREAS: DESIGN, SYNTHESIS AND ANTIMYCOBACTERIAL EVALUATION

MARCELLE DE LIMA FERREIRA BISPO

(1566) INHIBITION KINETICS STUDIES AND MOLECULAR MODELING OF GLYCOCONJUGATE 1H-1,2,3-TRIAZOLES ON α -GLUCOSIDASE: DEVELOPING NEW ANTIDIABETIC COMPOUNDS

MARIO ROBERTO SENGER

(1598) SYNTHESIS OF NAFTOQUINONE OXIMES AND EVALUATION OF ITS CYTOTOXICITY IN VITRO

VICTÓRIA LAYSNA DOS ANJOS SANTOS

(1659) SYNTHESIS AND ANTIFUNGAL EVALUATION OF TEREPHTHALIC ACID DERIVATIVE USING PET BOTTLE AS RAW MATERIAL

JOSÉ MARIA BARBOSA FILHO

(1707) ANTICRYPTOCOCCAL ACTIVITY OF A FLUORESCENT PEPTIDE-COUMARIN CONJUGATE IN COMBINATION WITH ANTIFUNGAL DRUGS

ANA CAROLINA SILVA BATISTA

(1718) EVALUATION OF THIAZOLIDINE DERIVATIVES AS LEISHMANIA MAJOR PTERIDINE REDUCTASE 1 INHIBITORS

FLÁVIO SIMAS MOREIRA NERI

(1771) EVALUATION OF A SERIES OF 3,4,5-TRIMETHOXYCINNAMIC ACID DERIVATIVES AS POTENTIAL ANTITUMOR AGENTS AGAINST GLIOBLASTOMA

DAMIÃO PERGENTINO SOUSA

(1823) NOVEL LONIDAMINE ANALOGUES AND EVALUATION OF THEIR ANTICANCER ACTIVITY

CAROLINA ESCARDÓ

(1857) POTENTIALLY BIOACTIVE DIPEPTIDES DERIVED FROM CYANOACETIC ACID

NAYANE ABREU DO AMARAL E SILVA

(1955) DESIGN AND RACEMIC SYNTHESIS OF α -ARYLTETRALONES AND α -FLUORO- α -ARYLTETRALONES

TALITA DE ALMEIDA FERNANDES

(1961) ANTIPROLIFERATIVE AND PRO-APOPTOTIC ACTIVITIES OF 2'- AND 4' AMINOCHALCONES ON CANINE CELL LINES

MARIANA BASTOS DOS SANTOS

(1971) SYNTHESIS AND EVALUATION OF THE ANTIMICROBIAL ACTIVITY OF THIAZOLIDINE DERIVATIVES

JULIANNA FERREIRA CAVALCANTI ALBUQUERQUE

10. NANO SCIENCE AND TECHNOLOGY (NT)

(219) ELECTRODEPOSITION OF SILVER FROM DEEP EUTECTIC SOLVENTS BASED ON CHOLINE CHLORIDE

ADRIANA CORREIA

(250) THE EFFECT OF ZN AND MN IN PEROXIDASE-LIKE ACTIVITY OF MAGNETITE DOPED NANOPARTICLES

LAURA BISSOLI DE MELLO MASSONI

(360) AU/CEO₂-SBA15 NANOCOMPOSITE FOR ELECTROCHEMICAL SENSING OF HYDROGEN PEROXIDE

LARISSA HELENA DE OLIVEIRA

(398) DIRECT AND POST-SYNTHESIS OF TiO₂:SBA-15 – CHARACTERIZATION AND PHOTOCATALYTIC ACTIVITY

MARIANA TIEMI IWASAKI

(453) ZNO:SBA-15:UREA NANOCOMPOSITES: SYNTHESIS, CHARACTERIZATION AND POTENTIAL USE IN HYBRID COSMETIC

CAMILA OKINOKABU VIEIRA

(463) SYNTHESIS AND SEPARATION OF SILVER NANOPARTICLES SYNTHETIZED WITH POLYVINYLPIRROLIDONE (PVP) IN DIMETHYLFORMAMIDE

CELLY IZUMI

(503) SYNTHESIS AND CHARACTERIZATION OF Fe₃O₄@EDTA MAGNETIC NANOPARTICLES

AROLDO GERALDO MAGDALENA

(526) SYNTHESIS AND CHARACTERIZATION OF CERIUM--BASED NANOSTRUCTURED MIXED OXIDES WITH PHOTOCATALYTIC PROPERTIES

BRUNO ANTONIO TRAJANO MENEZES

(530) THE INFLUENCE OF DIELECTRIC CONSTANT FOR AG NANOCUBES AS HIGH PERFORMANCE SERS SUBSTRATES

ADRIANA SANTINOM

(546) TUNABLE HYDROXYLATED SURFACTANTS: AN EFFICIENT TOOLBOX TOWARDS ANISOTROPIC GOLD NANOPARTICLES

CLAUDIA MANUELA SANTOS CALADO

(549) SOLUBLE GOLD NANORODS AND NANOSPHERES WITH DIFFERENT CAPPING AGENTS AS CATALYSTS IN CHEMICAL REDUCTION OF P-NITROPHENOL

LUCAS RAFAEL BEZERRA DE ARAUJO NASCIMENTO

(551) AQUEOUS-PHASE CATALYTIC CHEMICAL REDUCTION OF P-NITROPHENOL EMPLOYING SOLUBLE GOLD NANOPARTICLES WITH DIFFERENT SHAPES

MONIQUE GABRIELLA ANGELO

(602) SYNTHESIS, CHARACTERIZATION AND PHOTOCATALYTIC ACTIVITY OF A NEW NI²⁺ COORDINATION POLYMER

BRUNO MANDUCA

(692) CHARACTERIZATION OF INKS USED IN PAINTINGS BY RAMAN AND SHELL-ISOLATED RAMAN SPECTROSCOPY

TATIANA BITTENCOURT VILLELA NEVES

(696) SYNTHESIS OF NICKEL OXIDE NANOPlates DECORATED WITH METAL NANOPARTICLES FOR CATALYTIC APPLICATIONS

VICTOR COSTA DE MELLO VASCONCELOS

(702) SYNTHESIS AND CHARACTERIZATION OF MANGANESE OXIDES FUNCTIONALIZED WITH ORGANIC LIGANDS FOR WATER OXIDATION REACTION

FERNANDO LUCAS GONÇALVES SILVA

(711) HYBRIDS OF AG NANOPARTICLES AND ZINC HYDROXIDE-LAYERED AS EFFICIENT CATALYSTS FOR REDUCTION OF 4-NITROPHENOL TO 4-AMINOPHENOL

EDUARDO ARIZONO DOS REIS

(745) OBTAINING OF PHOTOACTIVE NANOMATERIAL DERIVED FROM CASHEW NUT SHELL LIQUID (CNSL) FOR THE REMOVAL OF TOXIC POLLUTANTS FROM WASTEWATER

VIVIANE GOMES PEREIRA RIBEIRO

(753) SYNTHESIS OF GOLD NANOPARTICLES/PEDOT-PLLA HYBRIDS AND APPLICATIONS IN ELECTROCHEMICAL DETECTION.

MARCO ANTONIO DE OLIVEIRA SANTOS MINADEO

(770) GREEN PROCESSING OF STRATEGIC ELEMENTS BASED ON MAGNETIC NANOHYDROMETALLURGY

HENRIQUE EISI TOMA

(895) FUNCTIONALIZED MESOPOROUS SILICA NANOPARTICLES FOR METAL ADSORPTION FROM AQUEOUS MEDIUM

LISTER PRONESTINO BIANCONI

(940) MODIFICATION OF RHEOLOGICAL PROPERTIES OF HEAVY OIL BY APPLYING MAGNETIC FIELDS AND MAGNETIC NANOPARTICLES

MANUEL FERNANDO ROA ARDILA

(953) MESOPOROUS SILICA NANOPARTICLES COVERED WITH CHITOSAN FOR BIOMEDICAL APPLICATIONS

MARIANA MENDONÇA FERREIRA

(1048) THIN FILM OF GRAPHENE-DERIVED NANOCATALYSTS FOR MULTIPLE APPLICATIONS

LEANDRO HOSTERT

(1052) MICROWAVE ASSISTED SYNTHESIS OF CORE-SHELL AU@BIVO₄ NANOSTRUCTURES

JULIANA DOS SANTOS DE SOUZA

(1104) THE INTERPLAY OF ELECTRONIC STRUCTURE, MORPHOLOGY AND CHARGE TRANSPORT IN POLYMER:FULLERENE BLENDS FOR PHOTOVOLTAICS

MARIA LUIZA MIRANDA ROCCO

(1107) SYNTHESIS, CHARACTERIZATION AND PHOTOCATALYSIS ON GRAY DEFECTIVE (BIO)₂CO₃

CAROLINA FERREIRA TORRES

(1115) PREPARATION OF AG NANOPARTICLES ON TIO₂-DERIVED NANOSTRUCURES FROM HYDROTHERMAL METHOD

MARINA MORAES LEITE

(1148) PLASMONIC PHOTODEGRADATION IN THE VISIBLE OF REACTIVE BLACK 5 MONITORED BY RAMAN AND ELECTRONIC SPECTROSCOPIES

PATRÍCIA BARROS SANTOS

(1152) OXIDATION OF GLYCEROL USING GOLD NANOPARTICLES ENCAPSULATED WITH CARBON AS A CATALYST

LUIS CARLOS FERREIRA OLIVEIRA

(1173) USE OF SILVER NANOPARTICLES COATED WITH ULTRA-THIN SEMICONDUCTORS AS SHINERS AND SHINEF SUBSTRATES

GABRIELA DE PAULA OLIVEIRA

(1219) SURFACE MODIFICATION OF SOLVOTHERMAL PREPARED TIO₂ NANOPARTICLES AND ITS APPLICATION AS CATALYST FOR ESTERIFICATION REACTION

LUANA ALMEIDA CARDOSO SAMPAIO DOMINGUES

(1282) STUDY OF THE ADSORPTION CAPACITY OF ORGANOPHILIC CLAYS IN THE REMOVAL OF NITROPHENOLS AND CHLOROPHENOLS

LIZ VERÓNICA PÉREZ

(1383) DESIGNING SPECIFIC SURFACE SITES FEOX(OH)Y ON IRON OXIDES FOR THE EFFICIENT PHOSPHATE ADSORPTION

PAULA SEVENINI PINTO

(1500) A NEW SYNTHESIS OF GOLD NANOPARTICLES BY TETRAVALENT ANION RANELATE UNDER MILD CONDITIONS

JULIO CESAR DA ROCHA

(1518) INCORPORATION OF CARVEDILOL INTO THE MESOPOROUS SILICA MCM-41

EDUARDO JOSÉ NASSAR

(1554) SYNTHESIS OF MONODISPERSE BETALAIN-COATED SILVER NANOPARTICLES VIA GENETIC ALGORITHM OPTIMIZATION

ARTHUR BONFA FERNANDES

(1587) XRD, TEM, AND VIBRATIONAL SPECTROSCOPY STUDIES ON DOPED NICKEL FERRITE NANOPARTICLES

TIAGO OST FRACARI

(1623) PREPARATION OF PEGYLATED GOLD NANOPARTICLES AND THEIR AGING AND THERMAL STABILITY

ALENA REZNICKOVA

(1631) A HYBRID CATALYST COPPER(II)-NIOBIUM(V) FOR DECONTAMINATION OF ORGANIC POLLUTANTS

TAMYRIS TEIXEIRA DA CUNHA

(1639) NANOSTRUCTURED LIPID CARRIERS LOADED WITH FLAVONOID: SKIN CANCER TREATMENT APPLICATIONS

AMANDA FERREIRA COSTA

(1703) PREPARATION AND CHARACTERIZATION OF TIO₂ AND TIO₂:FE

ANA PAULA DE MOURA

(1751) DEPENDENCE OF THE SURFACE AREA OF SILICA PARTICLES ON DIFFERENT ALCOHOL MOLECULES USED IN THE SOL-GEL SYNTHESIS

SERGIO ANTONIO MARQUES LIMA

(1753) SILVER NANOPARTICLES ORGANIZATION IN LANGMUIR AND LANGMUIR-BLODGETT FILMS

MARIAN ROSALY DAVOLOS

(1755) SUPPORTED TUNGSTEN BASED FILMS OBTAINED FROM POLYPEROXOTUNGSTIC ACID

IRENE TERESINHA SANTOS GARCIA

(1784) THE EFFECTS OF THE ADSORPTION OF CATIONS AND ANIONS ON THE PHYSICOCHEMICAL PROPERTIES OF SILICA NANOPARTICLES

MARK ANTHONY RAMBARAN

(1909) SYNTHESIS AND CHARACTERIZATION OF PRUSSIAN BLUE USING SODIUM CITRATE AS A RELEASE AGENT

SAMUEL CARLOS SILVA

(2087) STUDY OF INORGANIC AND MULTIFUNCTIONAL SUNSCREENS

ALBERT SILVA DA EXALTAÇÃO

(2130) LAYERED DOUBLE HYDROXIDES AS NANOCARRIERS FOR ANTIOXIDANT SPECIES: SYNTHESIS, CHARACTERIZATION AND IN VIVO TESTS

DENISE EULÁLIO

(2145) SYNTHESIS OF C60 HEXANYTROFULLERENE COORDINATED TO RU-NITROSIL COMPLEXES

CAROLINA SANTOS BONFIM

(2303) SUPERPARAMAGNETIC MAGNETIE/CHITOSAN/CO-OCTACARBOXYLIC ACID PHTHALOCYANINE COMPOSITE FOR ELECTROCHEMICAL SENSORS

BRUNO BITARÃES BRANDÃO

(2388) SYNTHESIS OF FUNCTIONAL MOLECULES FOR COATING NANOPARTICLES

CATHERINE GAZOLLA SANTANA

11. NATURAL PRODUCTS AND BIODIVERSITY (NB)

(207) EFFECT OF THREE PARAMETERS ON THE COATING THICKNESS OF UREA GRANULES

ANDRÉ ROMERO DA SILVA

(239) BIOTRANSFORMATION OF THE INSECTICIDE FLUBENDIAMIDE BY SOIL FUNGI

JULIANA FEIJO DE SOUZA DANIEL

(244) DISCRIMINATION OF THE PINE SAP ACCORDING TO ITS METABOLITES: IMPLICATION ON DETERRENCE FOR CAPUCHIN MONKEYS (SAPAJUS NIGRITUS)

EDY SOUSA DE BRITO

(391) COMPARATIVE STUDY OF THE MALE SEX PHEROMONE FROM TWO SOUTH AMERICAN POPULATIONS OF ANASTREPHA OBLIQUA

CLAUDINETE DOS SANTOS SILVA

(621) DEFINING RELEVANT CONCENTRATIONS FOR ECOTOXICOLOGICAL STUDIES IN LABORATORY TO DETERMINE PESTICIDE EFFECTS ON HONEYBEES

CAMILA CAMATA

(622) PROPOSAL FOR ANALYTICAL DETERMINATION OF ACTIVE INGREDIENTS IN AQUATIC ECOTOXICOLOGY STUDIES WITH PPPS

FÁBIO FRANGIOTTI CONTE

(721) PRODUCTION OF CYCLIC DIPEPTIDES BY PHYTOPATHOGEN BACTERIA, XYLELLA FASTIDIOSA

MICHELLI MASSAROLI DA SILVA

(759) OPTIMIZATION OF A METHOD FOR MICROCAPSULES' PRODUCTION CONTAINING ORANGE ESSENTIAL OIL
MARIA CLARA SANTANA AGUIAR

(920) CHEMICAL AND ALELLOPATIC EFFECTS OF MACHAERIUM EXTRACTS
MIRIAM SANNOMIYA

(993) INTRASPECIFIC VARIATION OF THE NON-VOLATILE TERPENOIDS FROM ROOTS OF CROTON BLANCHETIANUS
FRANCISCO SERRA OLIVEIRA ALEXANDRE

(1000) CHEMISTRY OF STACHYBOTRYS LEVISPORA AND SPECULATIONS ON THE BIOCONTROL OF SCLEROTINIA SCLEROTIUM IN SOYBEAN.
ALANY INGRID RIBEIRO

(1125) METABOLOMICS BY NUCLEAR MAGNETIC RESONANCE IN THE DIAGNOSIS OF CITRUS BLACK SPOT (CBS)
HOCELAYNE PAULINO FERNANDES

(1132) POTENTIAL CONTRIBUTION OF CRATAEGUS PINNATIFIDA BUNGE (
BEATRIZ FUCUDA NASCIMENTO

(1233) EFFECTS OF PRODUCTIVITY AND PROTEIN AMOUNT ON MUSHROOM CULTURES OF PLEUROTUS OSTREATUS VAR. FLORIDA CULTIVATED WITH DIFFERENT SUPPLEMENTS
ELISANGELA ROSA RIBEIRO

(1520) MINERAL CONSTITUENTS IN PROPOLIS FROM CEARÁ STATE AS MARKERS OF ENVIRONMENTAL POLLUTION
MARIA DA CONCEIÇÃO TAVARES CAVALCANTI LIBERATO

(1523) SYNTHESIS OF NOVEL 1,2,3-BIS-TRIAZOLE COMPOUNDS WITH POTENTIAL HERBICIDAL ACTIVITY
ROSEMEIRE BRONDI ALVES

(1572) CHEMICAL ANALYSIS OF DORSAL ABDOMINAL GLAND AND MEATHORACIC SCENT GLAND: DIFFERENCE BETWEEN NYMPHS AND ADULTS OF LEPTOGLOSSUS ZONATUS
KATIA MIYUKI INOUE

(1702) CYTOTOXIC ACTIVITY AND ISOLATION OF METABOLITES FROM MICROSPHAEROPSIS ARUNDINIS, AN ENDOPHYTIC FUNGUS FROM PAEPALANTHUS PLANIFOLIUS.
WESLEI BRUNO BOTERO

(1738) NEW ORBITIDE FROM CROTON URUCURANA LATEX
PATRÍCIA DE OLIVEIRA FIGUEIREDO

(1747) CHEMICAL AND IN VIVO EVALUATION OF NEW WOUND HEALING CRYSTALLINE PHASE FORMULATION BASED ON BURITI OIL.
CARLENA MARTINS DA SILVA

(1758) CYTOTOXIC ACTIVITY OF COPAIFERA PUBIFLORA OLEORESIN, ITS VOLATILE FRACTION AND THE DITERPENE (-)-HARDWICKIIC ACID
LUIZA JUNQUEIRA CARNEIRO

(1768) ISOLAMENT AND ANTI-INFLAMMATORY EVALUATION OF PASSIFLORA CINCINNATA METABOLITES
JULIANO GERALDO AMARAL

(1785) IDENTIFICATION AND CHARACTERIZATION OF HIBALACTONE: A LIGNAN ISOLATED FROM HYDROCOTYLE UMBELLATA L. (ACARIÇOBA) - ARALIACEAE
JOSÉ REALINO DE PAULA

(1805) CHEMICAL PROFILE OF TETRAPTERYS MULTIGLANDULOSA, A PLANT SUSPECTED CAUSING CATTLE INTOXICATION IN BRAZIL
HELENA MANNOCHIO RUSSO

(1812) IDENTIFICATION AND SYNTHESIS OF MALE-SPECIFIC COMPOUNDS OF CHAULIOGNATUS IGNACIOSUS
LEONARDO FIGUEIREDO

(1815) CHEMICAL COMPOSITION OF CUTICULAR WAXES FROM DIOECIOUS SPECIES OF BACCHARIS
JULIANA CAJADO SOUZA CARVALHO

(1929) SEARCH FOR CYTOTOXIC DERIVATIVES IN BRAZILIAN PLANTS FROM ATLANTIC FOREST - PIPER CRASSINERVIUM (PIPERACEAE)
JOAO HENRIQUE GHILARDI LAGO

(1957) ANTILEISHMANIAL ACTIVITY OF PHENOLIC COMPOUNDS FROM LEAVES OF CASEARIA ARBOREA (SALICACEAE)
AUGUSTO LEONARDO DOS SANTOS

(1959) EVALUATION IN VITRO ANTIPROLIFERATIVE ACTIVITY OF ARTEMISININ DERIVATIVES: ARTESUNIC ACID AND DIHYDROARTEMISININ ACETATE
SINÉSIO BOAVENTURA JR.

(2010) EFFECTS OF SCHINUS LENTISCIFOLIUS ON LYMPHOCYTES
ILAINE TERESINHA SEIBEL GEHRKE

(2165) NEMATICIDE EFFECT OF CROTALARIAS SPECTABILIS, JUNCEA AND OCHROULEUCA LEAVES EXTRACT ON THE HETERODERA GLYCINES JUVENILES
MARIA LUIZA ZERAIK

(2170) EXTRACTION, PURIFICATION AND EVALUATION OF THE THERMAL STABILITY OF PEROXIDASES OBTAINED FROM PITHECELLOBIUM DULCE (ROXB.) BENTH. ARIL
MURILO SÉRGIO DA SILVA JULIÃO

(2178) NON-CAPSAICIN COMPOUNDS ARE INVOLVED IN THE ANTI-INFLAMMATORY ACTIVITY OF CAPSICUM BACCATUM FRUITS- NEW DATA FOR MEDICINAL STUDIES
GRACE GOSMANN

(2192) CHEMICAL STUDY OF SIMBIONT FUNGI LEUCOAGARICUS GONGYLOPHORUS IN CO⁻CULTURE WITH OTHER FUNGI OF THE GARDEN OF LEAF-CUTTER ANTS
ALANA KELYENE PEREIRA

(2209) "IDENTIFICATION OF ACTIVE COMPOUNDS FROM ACTINOMYCETES CAATINGA IN THE CONTROL OF BOVINE MASTITIS"
TALITA CARLA DE TRALIA MEDEIROS

(2217) PHYTOCHEMICAL PROSPECTING OF THE SIDEROXYLON OBTUSIFOLIUM (LEAVES) SPECIES' NATIVE TO THE CAATINGA/AL.
JÚLIA REGINA NASCIMENTO SILVA

(2219) CHEMICAL CHARACTERIZATION OF STEMODIA ARIZONICA PENNELL ESSENTIAL OIL
CLENILMA MARQUES BRANDAO

(2220) STUDY OF THE BIOLOGICAL ACTIONS OF THE EXTRACT OF THE SPECIES ANADENANTHERA COLUBRINA (STEMS AND LEAVES) IN THE PLACENTA
PEDRO CORREIA VIEIRA

(2251) CHEMICAL PROFILE VARIATION IN FLAVEDO OF CITRUS LATIFOLIA ELICITED BY SALICYLIC ACID
ANTONIO JORGE RIBEIRO DA SILVA

(2263) PHYTOCHEMISTRY AND BIOLOGICAL ACTIVITY OF EUGENIA LUSCHNATHIANA
EDILBERTO ROCHA SILVEIRA

(2281) INHIBITION OF ACETYLCHOLINESTERASE BY FRESHWATER SPONGES EXTRACTS OF AMAZON
GLAUCIA CRISTINA BOLSON

(2314) RESISTANCE TO TERPENES IN THE MOSQUITO *Aedes aegypti* (Diptera: Culicidae)

LEONOR YAMILE VARGAS

(2316) BIOACTIVE ALKALOIDS IN AMAZONIAN SPECIES OF ANIBA (Lauraceae)

YASMIN CUNHA DA SILVA

(2333) SPIROPIPERIDINES AS INHIBITORS OF ACETYLCHOLINESTERASE AND LARVICIDAL AGENTS AGAINST *Aedes aegypti* (Diptera: Culicidae)

PEDRO LUIS SANABRIA

(2412) ORBITIDES: A QUITE UNUSUAL CLASS OF BIOLOGICALLY ACTIVE SMALL PEPTIDES IN SOME PLANT SPECIES FROM BRAZILIAN BIODIVERSITY

MERI EMILI PINTO

(2453) IN VITRO REGENERATION OF *Eugenia pyriformis*: GALLIC AND ELLAGIC ACIDS IDENTIFIED BY HPLC-DAD IN SEED EXTRACTS

LUCE MARIA BRANDÃO TORRES

12. PHYSICAL, BIOPHYSICAL AND COMPUTATIONAL CHEMISTRY (PC)

(198) ADSORPTION, ASSEMBLING AND ELECTROCHEMICAL BEHAVIOR OF L-CYSTEINE

ANDRÉ HENRIQUE BARALDI DOURADO

(421) SOLVENT EFFECT ON THE EXCITED STATE INTRAMOLECULAR PROTON TRANSFER OF HYDROXYLATED-TRIPHENYLIMIDAZOLE DERIVATIVES

RONALDO BARROS ORFÃO JR

(749) WHEN 1-ALKYL-3-METHYLIMIDAZOLIUM IONIC LIQUIDS PREVENTS COMPLEXATION BETWEEN β -CYCLODEXTRIN (β -CD) AND DODECYLPYRIDINIUM CHLORIDE (C12PY)?

GUILHERME MAX DIAS FERREIRA

(750) THERMODYNAMIC CHARACTERIZATION OF PONCEAU RED DYE - BOVINE SERUM ALBUMIN PROTEIN INTERACTION BY SURFACE PLASMON RESONANCE

GABRIEL MAX DIAS FERREIRA

(808) STUDY OF METHYLENE BLUE - LACTOFERRIN INTERACTION USING FLUORESCENCE AND SURFACE PLASMON RESONANCE

LUIS HENRIQUE MENDES DA SILVA

(1016) BINDING OF MANGIFERIN AND ITS ACETYL DERIVATIVE TO HUMAN SERUM ALBUMIN (HSA): SPECTROSCOPIC AND COMPUTATIONAL APPROACH

DOUGLAS CHAVES DE ALCANTARA PINTO

(1099) OLIGOMERIZATION OF GLUCOSE OXIDASE TO IMPROVE THE INTERACTION BETWEEN THE PROTEIN AND FLEXIBLE CARBON FIBER ELECTRODES

ANDRESSA RIBEIRO PEREIRA

(1255) COMPARATIVE STUDY OF THE INTERACTION BETWEEN 1,4-NAPHTHOQUINONE DERIVATIVES AND HUMAN SERUM ALBUMIN

ROMULO CORREIA FERREIRA

(1258) MOLECULAR DOCKING AS TOOL FOR UNDERSTAND THE INTERACTION BETWEEN 2-(4-METHYLPHENYL)-2,3-DIHYDRONAPHTHO[1,2-B]FURAN-4,5-DIONE (LF4ME) AND HUMAN SERUM ALBUMIN (HSA). THEORETICAL VERSUS SPECTROSCOPIC DATA

COSME HENRIQUE COELHO DOS SANTOS DE OLIVEIRA

(1756) DFT STUDY OF GLYCEROL ADSORPTION ON MGO SURFACE

JOÃO B. L. MARTINS

(1838) ON THE ABSORPTION SPECTRA OF MODIFIED RNA ALPHABET: A QM/MM APPROACH

ADALBERTO VASCONCELOS SANCHES DE ARAUJO

(1910) INHIBITORS OF SALICYLIC ACID BINDING PROTEIN 2 (SABP2) STUDY THROUGH DOCKING AND MOLECULAR DYNAMICS APPROACHES

RICARDO FAGUNDES DA ROCHA

(1974) STUDY OF CHITOSAN INTERACTIONS WITH OIL IN AQUATIC ENVIRONMENTS USING MOLECULAR DYNAMICS SIMULATION

PEDRO HENRIQUE ABRITTA RABELO

(2061) CONFORMATIONAL ANALYSIS OF ORTHO AND PARA-NITROPHENYLACETIC ACID

BARBARA CELÂNIA FIORIN

(2063) A UNIFYING HYDROPHOBICITY SCALE FOR AMINO ACIDS BASED ON CALCULATED LOG DPH

WILLIAM J ZAMORA RAMÍREZ

(2075) PROPERTIES OF H₂TDFSP AND ZNTDFSP PORPHYRINS IN MICELLES

CHRISTIANE PHILIPPINI F. BORGES

(2109) EFFECTS OF LIGHT STICKS IN LIPID MEMBRANE INTEGRITY

GUILHERME ARAUJO JUVENAL

(2318) REVISITING THE NORBORNENYL CATION: A QTAIM, NBO, MULTICENTRIC DELOCALIZATION AND KINETICAL EXPLORATION.

SARA FIGUEIRÊDO DE ALCÂNTARA MORAIS

(2322) DESIGN AND COMPARATIVE ANALYSIS OF A BIODEGRADABLE IONIC LIQUID

DAVÍ ALEXSANDRO CARDOSO FERREIRA

(2323) KINETIC STUDY OF THE REDOX PROCESSES OF THE MOLECULE N, N, N', N'-TETRAMETHYL-P-PHENYLENEDIAMINE USING HIGH AMPLITUDE AC VOLTAMMETRY

ÁLVARO FONTANA

(2451) MESOSCALE QUANTUM CHEMICAL MODELLING OF CHARGE SEPARATION AT ORGANIC PHOTOVOLTAIC INTERFACES

GUIDO RAOS



Poster session
THURSDAY 13th, 2017

01. ANALYTICAL & FOOD CHEMISTRY (AC)

(152) DETERMINATION OF SULFONAMIDES IN VETERINARY FORMULATIONS BY CE-MS/MS

DANIELA DANIEL

(297) MULTIVARIATE OPTIMIZATION OF NITROPHENOL QUANTIFICATION

PATRICIA I. ORTIZ

(372) GROWING RICE (ORYZA SATIVA L.) AT SOIL CONTAINING MUD FROM SARMARCO'S DAM MINE: DETERMINATION OF POTENTIALLY TOXIC ELEMENTS AND EVALUATION OF AGRONOMIC PARAMETERS

GEYSSA FERREIRA ANDRADE

(482) ASSIMILATION OF ARSENIC BY BRAZILIAN RICE VARIETIES (ORYZA SATIVA L.)

VITÓRIA APARECIDA PROCÓPIO

(491) ISOTRETINOIN OXIDATION MECHANISM AND ITS ELECTROANALYTICAL AND SPECTROPHOTOMETRIC DETERMINATION IN A PHARMACEUTICAL DRUG

WESLEY BRUNO DA SILVA MACHINI

(673) HIGH THROUGHPUT METHOD FOR THE DETERMINATION OF ANTIOXIDANT CAPACITY OF FOOD SAMPLES USING A PORTABLE BATCH-INJECTION CELL AND POLY-ESTER SCREEN-PRINTED GRAPHITIC ELECTRODES

IANA VITÓRIA SPADINI ARANTES

(693) DETERMINATION OF GLUCOSE IN SOFT-DRINKS USING BATCH INJECTION ANALYSIS AND CARBON PASTE ELECTRODES CONTAINING MIXED METALS (NI + PB) NANOPARTICLES

ANABEL LAZA CORREA

(724) VOLTAMMETRIC STUDY OF NITROHETEROCYCLIC COMPOUNDS USING A CARBON FIBER MICROELECTRODE

MAURO AQUILES LA-SCALEA

(779) USE OF SOLID-PHASE EXTRACTION USING AN AMINOGLYCOSIDE SELECTIVE MOLECULAR IMPRINTING POLYMER FOR THE DETERMINATION OF GENTAMICIN BY AMPEROMETRY AT A BORON-DOPED DIAMOND ELECTRODE

JOSEANY DE MORAES SANTOS ALMEIDA

(782) MICROWAVE-ASSISTED DIGESTION COMBINED WITH ULTRAVIOLET RADIATION FOR FURTHER DETERMINATION OF TRACE ELEMENTS IN BIODIESEL BY SF-ICP-MS

PÂMELA SUSIN BARELA

(837) EVALUATION OF TiO₂ COLLOIDAL SPHERES DECORATED WITH Au NANOPARTICLES FOR ASCORBIC ACID DETERMINATION

JESSICA SCREMIN

(838) BIOSENSOR CONSTRUCTED FROM CRUDE EXTRACT OF LACCASE OF BOTRYOSPHERA RHOIDINA MAMB-05 FOR EPINEPHRINE DETERMINATION

JAQUELINE TOBIAS MORAES

(888) ARSENIC INFLUENCE ON UPTAKE OF ESSENTIAL AND NON-ESSENTIAL ELEMENTS BY ROOTS OF BRAZILIAN RICE VARIETIES

THIAGO MURAKAMI FIGUEIREDO DA CRUZ

(934) ELECTROCHEMICAL SENSOR BASED ON A GOLD NANOPARTICLES-MODIFIED GLASSY CARBON PASTE ELECTRODE FOR THE DETERMINATION OF AN ANTICANCER DRUG

DHÉSMON LIMA

(961) AN ON-SITE-SCREENING TOOL FOR IDENTIFICATION OF COCAINE AND THE PRESENCE OF ITS MOST COMMON ADULTERANTS IN SEIZED SAMPLES

EDUARDO MATHIAS RICHTER

(1006) DETERMINATION OF LEVAMISOLE IN COCAINE SAMPLES BY SQUARE-WAVE VOLTAMMETRY AND DECONVOLUTION TECHNIQUES

RAQUEL GOMES DA ROCHA

(1022) ANALYSIS OF TRYPTOQUIALANINES ALKALOIDS PRODUCED BY THE FUNGUS *PENICILLIUM DIGITATUM* DURING HOST INFECTION CITRUS

EDER VILHENA ARAUJO

(1110) COMPARATIVE STUDY BETWEEN TWO METHODS OF INULIN EXTRACTION FROM ROOTS OF *STEVIA REBAUDIANA* (BERTONI)

TAMARA BORGES MARIANO

(1155) USE OF THE PALLADIUM FILM ELECTRODE AT A SILVER SOLID AMALGAM SUBSTRATE FOR THE DETERMINATION OF THALLIUM IN WATER SAMPLES BY DIFFERENTIAL PULSE ANODIC STRIPPING VOLTAMMETRY

JORGE LUÍS OLIVEIRA SANTOS

(1201) DETERMINATION OF RARE EARTH ELEMENTS IN DOG FEEDS MARKETED IN RIO DE JANEIRO, BRAZIL.

RAFAEL CHRISTIAN CHAVEZ ROCHA

(1261) DETERMINATION OF METALLIC ELEMENTS IN THE CRAB *UCIDES CORDATUS* BY INDUCTIVELY COUPLED PLASMA - ATOMIC EMISSION SPECTROMETRY

BRUNO SILVA FERNANDES

(1444) CHARACTERIZATION OF BRAZILIAN BLUE BALLPOINT PENS USING MATRIX ASSISTED LASER DESORPTION IONIZATION QUADRUPOLE TIME-OF-FLIGHT (MALDI-QTOF) MASS SPECTROMETRY

CARLOS ALBERTO DA SILVA JUNIOR

(1468) FRAGMENTATION STUDIES ON AROYLBENZOFURAN DERIVATIVES BY ESI-MS/MS

HERBERT JÚNIOR DIAS

(1475) METABOLIC PROFILE OF *PASSIFLORA CININNATA* INFECTED BY COWPEA APHID-BORNE MOSAIC VIRUS (CAB-MV) USING UHPLC-QTOF/MS

PAULO ROBERTO RIBEIRO MESQUITA

(1505) PECTIN MODIFIED ELECTRODE FOR COPPER DETERMINATION BY DIFFERENTIAL PULSE ANODIC STRIPPING VOLTAMMETRY

JOSÉ LUIZ DA SILVA

(1516) DEVELOPMENT OF AN ELECTROCHEMICAL IMMUNOSENSOR FOR DIAGNOSTIC TESTING OF SPOTTED FEVER USING SYNTHETIC PEPTIDES

RAIANE BORGES GOMES

(1534) DEVICE DEVELOPMENT FOR THE STUDY OF CARBONIC ACID HEMIESTERS BY ELECTRODIALYSIS EXTRACTION

GUILHERME HENRIQUE FAVARIN

(1564) DEVELOPMENT OF IMPIDIMETRIC APTASENSOR DEVICES FOR THE ANALYTICAL DETERMINATION OF INORGANIC ARSENIC

EDUARDO NICOLAU

(1602) BIOMARKER DETECTION BY A DISPOSABLE MICROFLUIDIC IMMUNOARRAY FOR EARLY DIAGNOSIS OF ALZHEIMER DISEASE

RONALDO CENSI FARIA

(1626) A FLOW-BASED PROCEDURE WITH FLUIDIZED BED COLUMN FOR ON-LINE EXTRACTION AND DETERMINATION OF GOSSYPOL IN COTTONSEED MEAL

WANESSA MELCHERT

(1628) DNA BASED BIOSENSORS FOR EVALUATION OF DAMAGE TO DNA BY NANOPARTICLES UNDER UV IRRADIATION

JAN LABUDA

(1672) A RAPID DRIED URINE SPOT METHOD FOR DETECTION AND QUANTIFICATION OF COCAINE AND METABOLITES BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY

INGRID LOPES BARBOSA

(1691) IDENTIFICATION OF PHENOLIC COMPOUNDS IN BROMELIA LACIONIOSA BY HPLC-DAD-MS/MS

LARISSA ARAÚJO ROLIM

(1722) USING THE LIPIDXPLOER SOFTWARE FOR TOP-DOWN SHOTGUN DEREPLICATION OF PHENOLIC NATURAL PRODUCTS FROM MEDICINAL PLANTS

RICARDO MOREIRA BORGES

(1727) METABOLITE PROFILING OF SUSCEPTIBLE AND RESISTANT COCOA (THEOBROMA CACAO L.) CLONES INFECTED WITH MONILIOPHTHORA PERNICIOSA (WITCHES´ BROOM)

FÁBIO NEVES DOS SANTOS

(1733) DETERMINATION OF SODIUM SULFACETAMIDE USING A CARBON PASTE ELECTRODE MODIFIED WITH CHITOSAN

LUMA CLARINDO LOPES

(1735) FLEXIBLE AND FOLDABLE PAPER-BASED TWEEZERS

MURILO SANTHIAGO

(1754) ENZYMATIC BIOSENSOR BASED ON TYROSINASE AND GOLD NANOSTRUCTURES FOR BISPHENOL A DETERMINATION

FILOMENO ABOO DIBALIUA INROGA

(1810) FOODOMICS REVEALS THE CLEAN-UP EFFICIENCY OF SEVERAL D-SPE IN QUECHERS FOR COFFEE LEAVES TO DETERMINE PESTICIDES

MARIA TERESA SALLES TREVISAN

(1817) CHARACTERIZATION OF THE VOLATILES PRESENT IN THE ORANGE BRAZILIAN CHERRY PULP (EUGENIA UNIFLORA L.) USING THE SOLID PHASE MICROEXTRACTION METHOD (SPME-HS)

LUISA DEL CARMEN BARRETT REINA

(1844) BEYOND NATURAL BETALAINS: DESIGN, SYNTHESIS AND APPLICATION OF CBEETS

ERICK LEITE BASTOS

(1893) STUDY OF SAMPLE PREPARATION FOR MULTIELEMENTAL DETERMINATION OF HAIR DYE BY ICP-MS

TATIANA DILLENBURG SAINT PIERRE

(1903) DEVELOPMENT OF A METHOD TO EVALUATE THE DISTRIBUTION OF MINOXIDIL SULFATE IN SKIN BY MALDI IMAGING

JACQUELINE NAKAU MENDONÇA

(1907) QUANTIFICATION OF N,N-DIMETHYLTRYPTAMINE AND HARMALA ALKALOIDS IN AYAHUASCA SAMPLES FROM SÃO PAULO STATE

ALESSANDRA SUSSULINI

(1949) A NEW SUPPORT FOR TIO₂ AIMING AT ANALYTICAL APPLICATIONS IN FLOW ANALYSIS

DIOGO LIBRANDI DA ROCHA

(1981) CHARACTERIZATION OF GUANIDINE CARBONATE IN HAIR RELAXER PRODUCT BY LIQUID CHROMATOGRAPHY-HIGH RESOLUTION MASS SPECTROMETRY

ANDRÉA MARIA DUARTE DE FARIAS

(2012) COMPARISON OF METABOLIC URINE AND SERUM PROFILE OF PATIENTS WITH NON-HODGKIN'S LYMPHOMA BEFORE AND AFTER CHEMOTHERAPY

ANA VALÉRIA COLNAGHI SIMIONATO

(2020) METHOD OPTIMIZATION FOR ENDOCRINE DISRUPTERS DETERMINATION IN MARINE MUSSEL PERNAPERNA BY GC-MS/MS

GABRIELEN ALVES DA SILVA

(2058) ANALYSIS OF ANABOLIC STEROIDS AND β -2-AGONISTS IN BOVINE URINE USING GC-MS/MS: OPTIMIZING A MULTI RESIDUAL AND MULTI CLASS METHOD

VANIA CRISTINA GONÇALVES

(2120) CHEMICAL SPECIATION OF ARSENIC IN FERN LEAVES AS ASSESSED BY IMPRINT DESI-MS

CLÉSIA CRISTINA NASCENTES

(2124) DETERMINATION ACRYLAMIDE IN PROCESSED FOOD USING ELECTROCHEMICAL BIOSENSOR

RENATA KELLY MENDES

(2132) OPTIMIZATION MULTIRESIDUAL METHOD FOR DETERMINATION OF PRIMARY AROMATIC AMINES

MARY ÂNGELA FÁVARO PEREZ

(2141) AN ELECTROCHEMICAL SENSOR FOR GLYCEROL BASED ON CONDUCTING METALLOPOLYMER OF NI(β -ME 2 SALEN) AS ELECTROCATALYTIC MATERIAL

ANDRÉ OLEAN OLIVEIRA

(2158) PRELIMINARY IDENTIFICATION OF NBOME AND SIMILAR DRUGS IN BLOTTER PAPERS BY SQUARE WAVE VOLTAMMETRY USING BORON-DOPED DIAMOND ELECTRODE

WALLANS DOS SANTOS

(2161) A FLUORESCENCE TURN-ON CHEMOSENSOR BASED ON SCHIFF BASE FOR ALUMINIUM(III) ION DETERMINATION IN AQUEOUS MEDIUM

ISIS FIGUEIREDO

(2214) VOLUMETRIC TITRATIONS ON PAPER-BASED ANALYTICAL DEVICES: DISPOSABLE AND SIMPLE PLATFORMS FOR CHEMICAL EDUCATION

WENDELL COLTRO

(2232) DETERMINATION OF THE TOTAL AND BIOACCESSIBLE CONTENTS OF MINERALS IN PROCESSED FOODS BY ICP-MS

HELOISA FRANÇA MALTEZ

(2261) THE CATION AFFINITY OF TACROLIMUS AND ITS INFLUENCE ON DRUG MONITORING BY LC-MS

ERIKA AYUMI ITO RIVERO

(2287) DETERMINATION OF LODINE IN DOG FOOD MARKETED IN RIO DE JANEIRO, BRAZIL

FERNANDA MCCOMB DE OLIVEIRA

(2306) ON-LINE SYSTEM EMPLOYING ULTRASONIC-ASSISTED DISPERSIVE LIQUID-LIQUID MICROEXTRACTION FOR PRE-CONCENTRATION AND DETERMINATION OF MANGANESE

LUANA BASTOS SANTOS

(2321) SEQUENTIAL EXTRACTION OF NI AND V SPECIES IN CRUDE OIL

ANGERSON NOGUEIRA DO NASCIMENTO

(2326) DETERMINATION OF METALS IN LIPSTICKS COMMERCIALIZED IN BRAZIL

GABRIELA RIBEIRO MARTA

(2352) TITRIMETRIC DETERMINATION OF TOTAL ORGANIC CARBON (TOC) USING KMNO₄ AS ALTERNATIVE OXIDANT TO K₂CR₂O₇

CAROLINE CAMPOS DE AZEVEDO

(2445) VALIDATION OF A MICROWAVE ASSISTED DIGESTION METHOD FOR CHARACTERIZATION OF CRUDE OIL

MARIA TEREZA WEITZEL DIAS CARNEIRO

02.CHEMICAL EDUCATION (CE)

(275) CORDEL LITERATURE AS A TOOL FOR TEACHING THE PERIODIC TABLE.

DHANIELLA CRISTHINA DE BRITO OLIVEIRA

(433) SIMULATING THE HABER-BOSCH PROCESS FOR PRODUCING AMMONIA - A CASE-STUDY ON DISPLACEMENT ON CHEMICAL EQUILIBRIUM

CAROLINA OLIVEIRA ZAMBRANA

(441) PEDAGOGICAL ROBOTICS IN HIGHER EDUCATION: COLLABORATIVE LEARNING AND CHEMISTRY TEACHING IN A CIVIL ENGINEERING COURSE

MÁRLON HERBERT FLORA BARBOSA SOARES

(473) EXPERIMENTAL DEMONSTRATIVE ACTIVITIES FOR CHEMISTRY TEACHING

CARLOS CÉZAR DA SILVA

(527) AUGMENTED AND VIRTUAL REALITY: POWERFUL TOOLS TO ENHANCE ESSENTIAL 3D VISUAL LITERACY BIOCHEMISTRY SKILLS

JUAN CARLOS VEGA GARZÓN

(683) RAISING THE CRITICAL SENSE ABOUT THE ENVIRONMENT THROUGH THE AIR QUALITY MONITORING IN SEROPÉDICA-RJ

MARIA LUCIA TEIXEIRA GUERRA DE MENDONÇA

(849) POGIL: AN ANALYSIS OF THE USE OF METHODOLOGY IN THE DISCIPLINE OF ORGANIC CHEMISTRY II

BRUNO ALEXANDRE DA SILVA

(948) OPTIMIZATION OF THEORETICAL AND PRACTICAL CLASSES UTILIZING NATURAL PRODUCT OF AMAZONIA.

ALEXANDRE AUGUSTO MORAES DE SOUZA

(1011) INTERACTIVE GAME DEVELOPMENT FOR CHEMISTRY TEACHING

AMANDA SIMIONATO

(1182) A CONTRIBUTION TO CHEMISTRY CURRICULUM OF SÃO PAULO STATE: A HISTORICAL CASE STUDY ON ELECTRIC CONDUCTIVITY

ELISA CRISTINA OLIOSI

(1249) DEVELOPMENT OF 3D ORBITAL MODELS USING RECYCLED MATERIALS AS TOOL FOR TEACHING CHEMISTRY IN ENGINEERING COURSES.

ROBERTA COSTA BIANCHI

(1260) THE AFFECTIVITY IN THE TEACHER-STUDENT RELATIONSHIP IN THE UNDERGRADUATE COURSES IN CHEMISTRY AND MATHEMATICS AT THE FEDERAL INSTITUTE OF SERGIPE - CAMPUS ARACAJU

ALEXANDRE MARQUES RAMOS DOS SANTOS

(1371) THE CHEMICAL EQUILIBRIUM CONCEPT: SOME REFLECTIONS ON TEACHING AND LEARNING BASED ON EPISTEMOLOGICAL OBSTACLES AND LEVELS OF REPRESENTATION

DILEIZE VALERIANO SILVA

(1425) ISOPOR® AS THEME FOR THE STUDY OF ORGANIC CHEMISTRY IN STSE EDUCATION

JACIARA GOMES DOS SANTOS

(1434) EXAMPLE OF THE ACTIVE METHODOLOGY IN THE TERTIARY EDUCATION IN BRAZIL

URSULA BOHLKE VASCONCELOS

(1464) TEACHING CHEMISTRY FOR STUDENTS WITH SPECIAL NEEDS: AN EXPERIENCE FROM THE CRITICAL PEDAGOGY OF PAULO FREIRE

BRAULIO DE VILHENA AMORIM TOSTES

(1625) THE USE OF IN SILICO TOOLS FOR DRUG METABOLISM PREDICTION IN A PRACTICAL MEDICINAL CHEMISTRY CLASS

LARA ALMIDA ZIMMERMANN

(1725) PORTRAYING STUDENTS' PROFILES AND LEARNING CONFIDENCE LEVELS USING A VIRTUAL LEARNING ENVIRONMENT

THANUCI SILVA

(1766) THE USE OF MULTIMEDIA FOR CHEMISTRY EDUCATION

RODRIGO NEGRELLI GUZZO

(1802) DESIGN OF TACTILE CHEMISTRY GRAPHICS FOR STUDENTS WITH VISUAL DISABILITIES

JOAO ELIAS VIDUEIRA FERREIRA

(1913) DIGITAL RESOURCES AS TOOLS FOR TEACHING AND DISSEMINATING SCIENCE

CAMILA CRUZ LIMA

(2022) TECHNOLOGY ENHANCED CHEMISTRY TEACHING AND LEARNING AT MENDELEEV UNIVERSITY.

TATIANA MYASOEDOVA

(2288) PEDAGOGICAL INNOVATION IN THE FIELD OF TEACHER TRAINING THROUGH THE BPL IN A LICENCIATURE OF CHEMISTRY

JULIANA ALVES DE ARAÚJO BOTTECHIA

(2292) TEACHING THE JAHN-TELLER DISTORTION IN OCTAHEDRAL COORDINATION COMPOUNDS USING THE HOLOGRAPHIC PYRAMID

GUILHERME LUCAS XAVIER LAVAGNOLI

(2350) THE TEACHING OF CHEMISTRY FOR BEARERS DOWN SYNDROME

LARYSSE LIMA DA SILVA OLIVEIRA

(2360) METHODOLOGICAL PROPOSAL TO THE CONSTRUCTION OF EXPERIMENTAL SIMULATOR BASED ON HYPERVIDEOS

LÍGIA D'ÁVILA BOZZI

(2373) MANAGEABLE MATERIAL FOR TEACHING MOLECULAR GEOMETRY TO THE VISUALLY IMPAIRED: DEVELOPMENT AND VALIDATION

MARCELO CLAUDIO DE CARVALHO

03.CHEMISTRY FOR INDUSTRY INNOVATION (CI)

(710) ADSORPTIONS STUDIES OF DIMETHYLAMINE UTILIZING SULFONATED ACTIVATED CARBONS

FABIOLA BRAVO HUALPA

(1037) USE OF GLASS WASTE FOR PRODUCTION OF FOAM GLASS WITH LOW DENSITY AND HIGH MECHANICAL RESISTANCE

LETÍCYA JÉSSICA ALMEIDA

(1060) BIOMASS CONVERSION USING ULTRASOUND - AN INNOVATIVE STRATEGY TO SELECTIVELY PRODUCE FURANIC PLATFORMS FROM CELLULOSE

FÁBIO ANDREI DUARTE

(1263) BIOLUBRICANT OBTAINMENT BY SOY METHYL BIODIESEL TRANSESTERIFICATION WITH ISO-BUTYL ALCOHOL

JOÃO VITOR BRAUN

(1901) PHYSICAL AND MECHANICAL CHARACTERIZATION OF SOIL-CEMENT BRICKS INCORPORATING VARIOUS RESIDUES

NEWTON CESAR FELTRIM AQUOTTI

(2008) A DRUG DISCOVERY INITIATIVE AT A PHARMACEUTICAL COMPANY IN BRAZIL: LESSONS LEARNED AND CHALLENGES AHEAD

ALESSANDRA MASCARELLO

04. CHEMICAL SYNTHESIS (CS)

(718) STEREOSELECTIVE SYNTHESIS OF NEW 2,5-TRANS-THF NITRILE DERIVATIVES BY USING MUKAIYAMA OXIDATIVE CYCLIZATION.

SAJJAD ALI

(735) SYNTHESIS OF A NEW CLASS OF QUINONE-QUINOLONE CONJUGATES VIA C-C METAL-FREE COUPLING

VANESSA DA GAMA OLIVEIRA

(736) REAÇÕES DE ALQUINILAÇÃO DE CETONAS PROMOVIDAS POR REAGENTES DE IODO HIPERVALENTE

HECTOR ACOSTA PEREZ

(752) SYNTHESIS AND EVALUATION OF STABILITY OF CYCLIC GUANIDINES

JAIME CRISPIM

(754) SYNTHESIS AND CONFORMATIONAL STUDY OF SOME ARYLAMIDES FROM L-CYSTEINE ESTERS - POTENTIAL INHIBITORS OF HIV-1 PROTEASE

ALINE SILVEIRA SERRALBO

(769) FUNCTIONALIZATION OF POTASSIUM ORGANOTRIFLUOROBORATES VIA UGI-4C REACTION: SYNTHESIS OF NEW PEPTIDE-PEPTOID COMPOUNDS

ANDRÉ AUGUSTO PIMENTEL LIESEN NASCIMENTO

(813) PALLADIUM-CATALYZED ARYLATION OF CHALCONES

RAFAELA G. M. DA COSTA

(825) REGIOSELECTIVE SYNTHESIS OF NEW NAPHTHOCROMANES AND NAPHTHOCROMENES

DAVID RODRIGUES DA ROCHA

(901) DEVELOPMENT OF A BUCHWALD-HARTWIG N-ARYLATION OF N-METIL-N-ACYLHYDRAZONES FOR THE SYNTHESIS OF NEW PDE4 INHIBITORS

LUCIANA LUIZ AZEVEDO

(915) DESIGN AND SYNTHESIS OF NEW CARBOHYDRAZINAMIDE DERIVATIVES AS POTENT TRYPANOCIDAL AGENTS

MAYARA SALLES SOUZA DO NASCIMENTO

(954) INVESTIGATION OF THERMAL AND LUMINESCENT PROPERTIES IN 4,7-DIPHENYLETHYNYL-2,1,3-BENZOTHIADIAZOLE SYSTEMS.

LEONARDO DE OLIVEIRA AGUIAR

(955) CHEMOENZYMATIC DYNAMIC KINETIC RESOLUTION OF (\pm)-1-PHENYLETHYLAMINE WITH AMMONIUM AND PHOSPHONIUM IONIC LIQUIDS AS ADDITIVES

JACQUELINE RIBEIRO NASCIMENTO

(967) SELECTIVE FUNCTIONALIZATION OF SUBSTITUTED PHENYL-2-OXAZOLINES WITH MIXED LITHIUM/MAGNESIUM BASES

GIULIANO CESAR CLOSOSKI

(1044) DIRECTED METALATION OF 4,7-DICHLOROQUINOLINE: BASE CONTROLLED REGIOSELECTIVE FUNCTIONALIZATION

VALTER EDUARDO MURIE

(1082) C-O ULLMANN COUPLING AS A KEY-STEP IN THE SYNTHESIS OF ATOMOXETINE

CRISTIANE STORCK SCHWALM

(1093) PYRROLIDINONES HETEROCYCLIC SUBSTITUTED FROM BIOMASS-DERIVED BUILDING BLOCK ITACONIC ACID
BRUNA ÁVILA PEREIRA

(1095) SYNTHESIS AND EVALUATION OF ACYLHYDRAZONES DERIVATIVES AGAINST LEISHMANIA AMAZONENSIS
FERNANDA DA COSTA SANTOS BOECHAT

(1143) SYNTHESIS OF NOVEL DIHYDROPYRIMIDINONE HYBRID COMPOUNDS BASED ON THE HUISGEN 1,3-DIPOLAR CYCLOADDITION.
MARIANA SILVA CECILIO

(1159) DIRECTED FUNCTIONALIZATION OF HETEROCYCLIC COMPOUNDS USING TMPLI IN THE PRESENCE OF ZNCL₂
RODOLFO HIDEKI VICENTE NISHIMURA

(1165) SYNTHESIS AND CHARACTERIZATION OF 3,5-DIARY PIRAZOL-4-OL FROM CHALCONES AS POTENTIAL ANTICANCER AGENTS
EDNA CAROLINA CIPAGAUTA

(1169) MICROWAVE-ASSISTED PREPARATION AS ALTERNATIVE SYNTHETIC ROUTE FOR DIRUTHENIUM-(NON-STEROIDAL ANTI-INFLAMMATORY) ANTICANCER METALLODRUGS
MARCUS VINICIUS SOUSA

(1177) SYNTHESIS OF THIOPHENE-1,3,4-THIADIAZOLE AND THIOPHENE-1,3-THIAZOLE HYBRIDS AS CANDIDATES FOR ANTILEISHMANIAL AGENTS
DEYSIANE LIMA SALVADOR

(1196) 1,1,1-TRIALO-4-ALKOXY-3-ALKEN-2-ONES A PRIVILEGED SCAFFOLDS TO DIVERSITY OF HETEROCYCLES: SYNTHESIS OF 1H-PYRAZOLE WITH STRUCTURAL CHARACTERISTICS OF SURFACTANTS
DAIANE SOUZA DOS SANTOS

(1199) 1,1,1-TRIALO-4-ALKOXY-3-ALKEN-2-ONES A PRIVILEGED SCAFFOLDS TO DIVERSITY OF HETEROCYCLES: SYNTHESIS OF AZOLES CONTAINING NATURAL ANTIOXIDANT MOIETIES
VALÉRIA DIAS DE OLIVEIRA BAREÑO

(1212) REGIOSELECTIVE IODINATION OF PHENOLS AND ARYL AMINES WITH TRIODOISOCYANURIC ACID
RODRIGO DA SILVA RIBEIRO

(1214) SULFAMIC ACID AS HETEROGENEOUS CATALYST IN THE SYNTHESIS OF COUMARINS VIA PECHMANN CONDENSATION UNDER SOLVENT-FREE CONDITIONS
THIAGO BARCELLOS DA SILVA

(1351) 5,8-DIMETHOXYISOQUINOLINE ARYL ETHER CLEAVAGE WITH COMPLEMENTARY REGIOSELECTION
JOAQUIM ANTONIO MARTINS CASTRO

(1375) COMPARISON OF SYNTHESIS METHODS FOR PREPARATION LABAMN₂O₆ AND LABACO₂O₆ DOUBLE PEROVSKITE: SOL-GEL AND SOLID-STATE REACTION
NATÁLIA MARTINS NASCIMENTO

(1393) SYNTHESIS OF BAMBUS[N]URIL HOMOLOGUES BY SONOCHEMISTRY
RENATO SALVIATO CICOLANI

(1428) APPLICATION OF DESIGN OF EXPERIMENT TO OPTIMIZE THE SYNTHESIS OF NORETHISTERONE ACETATE
LEANDRO MITSUO SHIMURA TAKATA

(1533) SYNTHESIS OF SELENAZOLO[3,2-A]INDOLE VIA REACTION OF LITHIUM-(PHENYLETHYNYL)-1H-INDOLE WITH ELECTROPHILES
THAÍS PROCHNOW

(1545) DOMINO METAL-FREE SYNTHESIS OF ORGANOCHALCOGEN DERIVATIVES OF BENZIMIDAZO[1,2-A]QUINOLINES
DANIEL DA SILVEIRA RAMPON

(1547) MICROWAVE ASSISTED SYNTHESIS OF DIFFERENT ORGANIC COMPOUNDS

CAROLINA PASSARELLI GONÇALVES

(1549) SYNTHESIS OF 3-IODOSELENOPHENE VIA IODOCYCLIZATION FROM 2-(BUTYLSELANYL)-1-(ALKYNYL)-CYCLOHEXANOL

KAMILA KAYSER CASOLA

(1552) SYNTHESIS OF THIOPHENES FROM BROMINATED ACETAMIDES AND AMINO MERCAPTO ACRYLATES

JOSÉ MATHEUS FREITAS COSTAS

(1600) ENANTIOSELECTIVE NON-ALDOL APPROACH FOR POLYPROPIONATE CONSTRUCTION: EPOXIDE-BASED METHODOLOGY FOR THE SYNTHESIS OF ANSAMYCINS

JOSÉ ANTONIO PRIETO

(1638) CYCLOCONDENSATION BETWEEN FATTY HYDRAZIDES AND 1,1,1-TRIFLUORO-4-ALKOXY-3-ALKEN-2-ONES: INTRODUCING A TRIFLUORINATED HEAD ON NATURAL FATTY MOIETIES

WYSTAN KREISLY OTHON TEIXEIRA

(1687) STRAIGHTFORWARD ULTRASOUND-PROMOTED SYNTHESIS OF 5-ARYL-3-(2-HYDROXYPHENYL)-4,5-DIHYDRO-1H-PYRAZOLE-1-CARBOXIMIDAMIDES

CAREN LETÍSCIA CENTURIÓN

(1710) NOVEL DIHYDROFURAN DERIVATIVES: NUCLEOPHILIC ADDITION OF 1,3-CYCLOHEXANEDIONES TO 1,3-DIYNES CATALYZED BY ZN AND

EMERSON ANDRADE FERREIRA DOS SANTOS

(1729) SIMPLE SYNTHESIS OF (1R,2S)-EPHENAMINE

JOSÉ EDUARDO DAMAS MARTINS

(1780) SYNTHESIS AND BIOLOGICAL ACTIVITY OF BIS-TRIAZOLES GLYCONJUGATES OF RIBOSE AS INHIBITORS OF α -GLUCOSIDASES

VICTOR SALAROLLI DE CARVALHO

(1795) SYNTHESIS OF CALIX[N]ARENE DERIVATIVES BY REACTION IN THE LOWER AND UPPER RIM CANDIDATES AS PARAFFIN DEPOSITION INHIBITOR

LUIZ HENRIQUE COSTA RODRIGUES

(1798) ONE-POT, METAL FREE SYNTHESIS OF FUNCTIONALIZED INDOLINES USING IN SITU GENERATED ALLYLBORONIC ACIDS

JOSÉ AUGUSTO FORNI

(1829) ELECTROPHILIC ALKYNYLATION USING HYPERVALENT IODINE REAGENTS

BRUNO TEODORO

(1843) MULTICOMPONENT SYNTHESIS OF 5-AMINOTETRAZOLES AND BISTETRAZOLES PROMOTED BY BISMUTH NITRATE PENTAHYDRATE

IVA SOUZA DE JESUS

(1846) SELENO-CYANOHYDRINS AS CHIRAL BUILDING BLOCKS IN THE SYNTHESIS OF POLIFUNCTIONALIZED ORGANOSELENIDES

JULIANA CHRISTINA THOMAS

(1848) 4-(3,6,8-TRIS(PHENYLETHYNYL)PYREN-1-YL) BUTANOIC ACID AS A NEW π -EXTENDED SYSTEM: SYNTHESIS AND PHOTOPHYSICAL PROPERTIES

BRUNA MARTINS DE FRANÇA

(1865) SOLVENT-FREE SYNTHESIS OF α -ACYLATED β -THIOENAMINONES

JAMILLE SILVEIRA MATOS

(1899) ENANTIOSELECTIVE HALOAMINATION REACTIONS AIMING AMINODIOLS SYNTHESIS

BRUNA LACERDA PAPA

(1912) A SIMPLE ONE POT METHODOLOGY FOR THE SYNTHESIS OF 4-(HYDROXYMETHYL)PYRAZOLES FROM BETA-ENAMINO DIKETONES

FERNANDA ANDREIA ROSA

(1932) ENANTIOSELECTIVE BROMOAMINATION REACTIONS OF ALLYLIC ALCOHOLS

LUIZA LETICIA ROLIM

(1934) OPTIMIZATION OF CLASSICAL PECHMANN REACTION FOR MULTIGRAM SYNTHESIS OF COUMARINS

WILSON ELIAS ROZO NUÑEZ

(1948) SYNTHESIS OF PYRIMIDO[4,5-B]QUINOLONE-TETRAONES THROUGH [3+2+1] CYCLOADDITIONS BETWEEN 2-AMINO-1,4-NAPHTHOQUINONE, ALDEHYDES AND BARBITURIC ACID

LOURENÇO LUIS BOTELHO DE SANTANA

(1991) ONE-STEP SYNTHESIS OF SUBSTITUTED 2-PYRROLIDINONES AND 3-PYRROLIDINONES FROM α,β -UNSATURATED DIAZOKETONES AND AMINES. APPLICATION IN THE SYNTHESIS OF BARMUMYCIN.

PATRICIA BETONI MOMO

(2009) SYNTHESIS OF BICYCLIC NITROGEN HETEROCYCLES VIA CASCADE REACTION FROM N-TERMINAL α,β -UNSATURATED DIAZOKETONES

JOAO VICTOR SANTIAGO DA SILVA

(2016) CYCLOFUNCTIONALIZATIONS USING IODINE/IODINE(III)

PAULO SCARASSATI FILHO

(2066) IRON-CATALYZED DIRECT C(SP²)-H ACTIVATION/SELENYLATION OF BENZIMIDAZOLE

PEDRO HENRIQUE VIANNA DOS SANTOS

(2094) TRIBROMOISOCYANURIC ACID (TBICA) AND TRIPHENYLPHOSPHITE: A NEW SYSTEM FOR THE APPEL REACTION OF ALCOHOLS AND DIOLS

HARYADYLLA DA CUNHA SINDRA

(2097) ARENE IODINATION USING GLYCEROL AS GREEN MEDIA

KELVIN DE OLIVEIRA

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RAFAEL DOUGLAS C GALLO

(2205) SYNTHESIS OF FUNCTIONALIZED THIOUREAS TO OBTAIN SUBSTITUTED THIOHYDANTOINS

MAÍSA BORGES COSTA

(2225) NEW N-ACYLAMINO HYDRAZIDES DERIVED FROM FATTY ACIDS AS LOW MOLECULAR WEIGHT ORGANIC GELLANTS (LMOGS): APPLICATIONS IN THE FORMATION OF GOLD NANOPARTICLES

RENATA FONTES ONGARATTO

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MISAEEL FERREIRA

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MARIA CRUZ MOLLO

(2420) RAPID OPTIMIZATION OF PICTET-SPENGLER AND CLARKE-ESCHWEILER COMPETITION USING A NOVEL AUTOMATED FLOW REACTOR.

MICHAEL BRANDON SCHRODER SPANO

(2463) REACTION OF D-A CYCLOPROPANES WITH THIO- AND SELENOKETONES: A NOVEL ACCESS TO THIOLANES AND TETRAHYDROSELENOPHENES

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CAMILA PINHEIRO SOUSA

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CLAUDIO APARECIDO SPADOTTO

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MARLON CAVALCANTE MAYNART

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FABIO CASALLANOVO

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LUCÉLIA HOEHNE

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ELENA KALININ TOSS

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LHAÍS ARAÚJO CALDAS

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FABIANA ROBERTA SEGURA

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OALAS APARECIDO MORAIS DOS SANTOS

(1532) EFFICIENT PASSIVE SAMPLING METHOD TO ASSESS PESTICIDES IN SURFACE WATER USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY

ZENILDA L CARDEAL

(2015) EVALUATION OF THE METAL CONCENTRATION PROFILE IN THE TOTAL DEPOSITION WITH THE CLIMATIC SEASONALITY OF THE WEST REGION OF BAHIA-BA, BRAZIL

OLDAIR DONIZETI LEITE

(2023) SPE AND GC-MS/MS METHOD VALIDATION AND QUANTIFICATION OF PERSONAL CARE PRODUCTS IN FRESHWATER FROM ARARAQUARA (SP, BRAZIL)

NATALIA CORDANO NOGUEIRA

(2036) DEVELOPMENT OF A SIMPLE AND MINIATURIZED ULTRASOUND-ASSISTED EXTRACTION METHOD FOR DETERMINATION OF MULTICLASS PESTICIDES IN AIRBORNE PARTICULATE MATTER (PM2.5)

MADSON MOREIRA NASCIMENTO

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JEANCARLO PEREIRA DOS ANJOS

(2050) MICROWAVE-ASSISTED GREEN SYNTHESIS OF RUBAZOIC ACID DERIVATIVE DYE 4-(5-HYDROXY-1-PHENYL-3-METHYL-PYRAZOL-4-YLMETHYLIDENE)-1-PHENYL-3-METHYL-2-PYRAZOLIN-5-ONE: EXITATION AND EMISSION STUDIES

CIARAN JAMES LYONS

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RAYANE MIRANDA ASSIS

(2089) DETERMINATION OF BOUND- AND FREE-CARBONYL COMPOUNDS IN AIRBORNE PARTICLES

INGRID MARCELA MELO CARDOZO

(2134) QUANTIFICATION OF METALS IN THE PM₁₀ FROM BELO HORIZONTE, MINAS GERAIS, BRAZIL

CLÁUDIA CARVALHINHO WINDMOLLER

(2152) REMOVAL OF NICKEL USING BIVALVE MOLLUSKS' SHELLS

RAFAEL SILVA DE LIMA

(2162) APPLICATION OF WATER QUALITY INDEX FOR PROTECTION OF AQUATIC LIFE AT VERDE RIVER, PONTA GROSSA, PARANÁ, BRAZIL

ELIZABETH WEINHARDT SCHEFFER

(2163) MONITORING VAPOR PHASE POLYCYCLIC AROMATIC HYDROCARBONS IN THE ATMOSPHERE OF NITERÓI CITY, BRAZIL USING PASSIVE SAMPLERS

THALLIS MARTINS SOUZA

(2164) DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN DIFFERENT MATRICES OF THE MARINE ECOSYSTEMS AT SANTOS - SÃO VICENTE ESTUARINE SYSTEM AND THE CANANÉIA-IGUAPE ESTUARINE-LAGOON SYSTEM.

FABIANA RIBEIRO FONTENELLE SILVA

(2187) THE REGULATION OF NANOPESTICIDES IN BRAZIL, US AND UE: A COMPARATIVE CASE STUDY OF NANOCID®

ANNE ELIZE PUPPI STANISLAWCZUK

(2201) ANALYSIS OF THE SPATIAL VARIATION REGARDING THE POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN ONE OF THE MAIN RIVER OF THE RIGHT BANK OF THE AMAZON RIVER AND ITS TRIBUTARIES

LORENA MOTA DE CASTRO

(2222) FIRST OCCURRENCE OF THE THIRD-GENERATION ANTIFOULING BIOCIDES IRGAROL® 1051 IN SEDIMENT SAMPLES FROM SÃO LUÍS ISLAND, BRAZIL

JOSÉ LUCAS MARTINS VIANA

(2227) ISOLATION AND STABILITY STUDIES OF ANATOXIN-A(S) ISOLATED FROM SPHAEROSPERMOPSIS TORQUES-REGINA

ERNANI PINTO

(2233) IRON DETERMINATION IN RIO GRANDE DO SUL COASTAL SHELF

CAMILA FIAUX SUKEKAVA

(2258) OCCURRENCE OF THE HERBICIDE 2,4-D IN A RIVER FROM AN ENVIRONMENTAL PRESERVATION AREA AT SÃO LUÍS, MA, BRAZIL

MARISA DE JESUS SILVA CHAVES

(2265) TECHNOLOGICAL ASSESSMENT ON BIOCONVERSION PROCESSES OF CO₂ USES FOR BIOPOLYMER PRODUCTION

GABRIELA SILVA CERQUEIRA

(2315) CHARACTERIZATION AND TREATABILITY OF WASTEWATER INDUSTRIAL FROM THE HOT DIP GALVANIZING PROCESS WITH MOLTEN ZINC.

CRISTOBAL CAICEDO

(2317) NATURAL WATER SOURCE'S MONITORING IN ENVIRONMENTAL PROTECTED AREAS IN MANAUS

HELOÍSA MENDES CAETANO

(2334) WATER POLLUTION IN FLOODED FOREST NEAR THE URBAN PERIMETER AREA AND HYDROLOGICAL DYNAMICS IN THE AMAZON REGION, BRAZIL

NIVEA CRISTINA GUEDES MUNIN

(2338) EVALUATION OF PRE-OXIDATION ALTERNATIVES WITH OZONE, CHLOROAMINE AND CHLORINE DIOXIDE IN A WATER TREATMENT PLANT USING POLYALUMINIUM CHLORIDE (PAC) AS COAGULANT AND WITH CAPTATION IN THE ATIBAIA RIVER: DETERMINATION OF BY-PRODUCTS VIA GAS CHROMATOGRAPHY-MASS SPECTROMETRY

MARIA APARECIDA CARVALHO DE MEDEIROS

(2401) EVALUATION OF THE LAMBDA-CYHALOTHRIN BEHAVIOR IN AQUEOUS MEDIA BY USING CHEMICAL OXIDATIVE PROCESS

RENATA COLOMBO

06. GREEN CHEMISTRY AND BIOTECHNOLOGY (GB)

(422) EPOXIDATION OF R-CARVONE WITH H₂O₂ CATALYZED BY GA(NO₃)₃: EFFECT OF CO-CATALYSTS ON THE ACTIVITY AND SELECTIVITY

GILVAN AGUIAR CORREIA

(910) RECOVERY OF LABORATORY ORGANIC SOLVENTS. AN ECONOMICALLY AND ECOLOGICALLY APPROPRIATE ALTERNATIVE.

FILIPE WALDEMAR SCHWARZ

(962) SUNFLOWER OIL FILTER CAKE IN CANE JUICE PRODUCTION

MARCELO HENRIQUE ARMOA

(974) CONTINUOUS AND FEDBATCH ETHANOL MEMBRANE OBTENTION

WAGNER RODRIGUES MEYER

(1033) ADSORPTION OF DYE SEVERAL DYES USING A "GREEN" SOYBEAN OIL-BASED POLYMER

RAFAEL TURRA ALARCON

(1047) STUDY OF IMPROVED SILICA WITH CARBON FROM RECYCLED BATTERIES FOR USE IN ANTIMICROBIAL FABRICS

PATRICIA VÁZQUEZ

(1070) PROSPECTING OF FUNGAL ENZYMES FOR APPLICATION IN BIOREFINERY PROCESSES

LIDIANE MARIA DOS SANTOS LIMA

(1100) FORMATION OF QUERCETIN-ALUMINUM COMPLEX LIKE A METHOD OF QUERCETIN QUANTIFICATION IN RHODODENDRON SP.

JAQUELINE NICOLINI

(1197) NEW METHOD TO EXTRACT CELLULOSE AND SILICA FROM RICE HUSK WASTE

MARCELO PEREIRA DA ROSA

(1241) EFFECT OF ADSORPTION TIME ON THE GLYCEROL ELECTRO-OXIDATION REACTION IN DIFFERENT SURFACES OF PLATINUM ELECTRODES.

REGIANI M.L.M. SANDRINI

(1361) PHYSICAL-CHEMICAL EVALUATION OF RESIDUAL FRYING OIL COLLECTED IN THE REGION OF THE ARIBIRI RIVER

MAURO CESAR DIAS

(1367) GREEN EXTRACTION OF PHENOLIC COMPOUNDS FROM CITRUS WASTE: A COMPARISON BETWEEN THE PROFILE OF ORGANIC AND CONVENTIONAL FARMING

LUIZE ZOLA RAMIN

(1519) USE OF WASTE BIOMASSES TO SYNTHESIZE MAGNETIC HYBRID MATERIALS FOR REMEDIATION OF STAINS OIL CRUDE ON THE SURFACE OF AQUEOUS ENVIRONMENTS.

NALBERT CERQUEIRA PINHO

(1527) SUGARCANE STRAW AS BIOSORBENT FOR CADMIUM

LUCIANA MARIA SARAN

(1557) PREPARATION OF ACIDIC CATALYSTS FROM BIODIESEL WASTE FOR UTILIZATION IN GLYCEROL AND FRUCTOSE CONVERSIONS

MICHELLE MANTOVANI

(1583) GLYCEROL ETHERIFICATION WITH TERT-BUTYL ALCOHOL CATALYZED BY NANOSTRUCTURED MFI-TYPE ZEOLITES

WAGNER ALVES CARVALHO

(1585) USE OF MICROORGANISMS IN THE DEVULCANIZATION OF WASTE GENERATED BY THE RUBBER ARTIFACTS INDUSTRY

JOSÉ MARCELO CANGEMI

(1610) FAST AND SIMPLE PYROLYSIS OF COTTON WOVEN FABRIC AND APPLICATION FOR REACTIVE DYE ADSORPTION

JENNY SAYAKA KOMATSU

(1640) EXTRACTION AND IDENTIFICATION OF FLAVANOID GLYCOSIDES AND POLYMETHOXYLATED FLAVONES FROM BRAZILIAN CITRUS WASTE

BARBARA SAYURI BELLETE

(1667) DEPOLYMERIZATION OF POLYETHYLENE TEREPHTHALATE ASSISTED BY ULTRASOUND

PAULO RODRIGO STIVAL BITTENCOURT

(1686) THE COMBINATION OF GCXGC-TOFMS WITH 1H NMR AND FT-ICR MS: A COMPLEMENTARY AND COMPREHENSIVE CHARACTERIZATION OF BIO-OILS

RAQUEL VIEIRA SANTANA DA SILVA

(1723) PRODUCTION OF BIOFUELS THROUGH THE PYROLYSIS OF VEGETAL OIL USING RESIDUAL MARBLING MATERIAL.

THALES SILVA CAMPOS

(1741) KIDNAPPING SMALL ORGANIC ACIDS FROM AQUEOUS WASTES BY INTERCALATION IN CLAYS

FERNANDA GOMES DE MENDONÇA

(1827) OIL OF MICROALGAE ACUTODESMUS OBLIQUUS AS RAW MATERIAL FOR BIODIESEL PRODUCTION

ALEXIS MIGUEL ESCORSIM

(1859) PATENTOMETRICS IN GREEN CHEMISTRY IN BRAZIL

SARA MARIA PERES DE MORAIS

(1908) STUDY OF THE GORSE AQUEOUS EXTRACT AS A CORROSION INHIBITOR OF CARBON STEEL IN ACIDIC MEDIA

RENATA FERNANDES BRAGA CORDEIRO

(1936) PRODUCTION OF THERMOSETTING POLYMERS FROM RESIDUAL GLYCEROL AND PET

ALEX VIEIRA PEDROSO

(1960) PILOT-SCALE PRODUCTION OF FERMENTED SOLIDS CONTAINING LIPASES FOR USE AS BIOCATALYSTS IN BIODIESEL SYNTHESIS

GLAUCO SILVA DIAS

(1977) REMOVAL OF HEAVY METAL BY BIOMASS FROM BIOETHANOL PRODUCTION PROCESS USING EXPERIMENTAL DESIGN

HELDER LOPES VASCONCELOS

(2100) HEXADECANE BIODEGRADATION BY BACTERIAL STRAINS FROM SANTOS BASIN SEDIMENTS

VITOR BAPTISTA FERRARI

(2122) RICE HUSK ASH AS ADSORBENT Fe^{2+} FOR WELL WATER PURIFICATION

RENAN DE OLIVEIRA GONÇALVES

(2123) STUDY OF SYRAH GRAPE STALK POTENTIALITY AS PRECURSOR OF ACTIVATED CARBON FOR ADSORPTION PURPOSES

INDIRA CAROLINA BRITO PIRES

(2194) BIOACTIVE SUBSTANCES FROM THE BARK RESIDUE OF AMAZONIAN TABEBUIA SPECIES

RENATA DUARTE LIMA

(2213) OBTENTION OF POLYMER MATERIAL BASED FROM SUGARCANE BAGASSE AND CASHEW NUT SHELL LIQUID: CHARACTERIZATION AND THERMOCHEMICAL DEGRADATION

TALINA MEIRELY NERY DOS SANTOS

(2313) BIOREMEDIATION OF HEAVY METALS USING FRUIT PEELS FROM THE CERRADO

NATÁLIA YUKARI AKABANE ADATI

(2320) PYROLYSIS ACTIVATED BIOCHAR: CHARACTERIZATION AND USE AS SUPPORT FOR IMMOBILIZING LIPASES

CARMEN LUISA BARBOSA GUEDES

(2325) SYNTHESIS OF AL-MCM-41 MOLECULAR SIEVES USING KAOLIN WASTE PRODUCED BY THE KAOLIN INDUSTRIES

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KENTA KAWASHIMA

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RICHARD FERNANDO D'VRIES

(446) A TDDFT STUDY OF KEGGIN POLYOXOMETALATES

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(579) CEO_2-AU AS A PLASMONIC PHOTOCATALYST FOR THE DEGRADATION OF AN AZO-DYE

ALICE COSENZA REINALDO

(612) PREPARATION AND CHARACTERIZATION OF A NEW $[Ni(TPPZ)_2][Ni_2(H_2MPBA)_3]$ MESOCATE CONSTRUCTED BY $Ni_2(H_2MPBA)_3$ AND $[Ni(TPPZ)_2]^{2+}$ COMPLEXES.

LUDMILA DOS SANTOS MARIANO

(624) IRONPHTHALOCYANINE BASED SOLIDS AS CATALYSTS FOR OXIDATION AND PHOTOOXIDATION REACTIONS

ANA CAROLINA CONS BACILLA

(727) COBALT(II) CHLORIDE COMPLEXES WITH ACETONITRILE, ISOPROPANOL AND TETRAHYDROFURAN LIGANDS: CONSIDERATIONS ON NUCLEARITY, REACTIVITY AND SYNTHETIC APPLICATIONS

DANILO STINGHEN

(760) CRYSTALLINE STRUCTURAL CHARACTERIZATION OF NEVIRAPINE-SALICYLIC ACID CO-CRYSTAL

SILVIA LUCIA CUFFINI

(832) HYDROTHERMAL PREPARATION OF BIVO₄ WITH MULTIPLE MORPHOLOGIES AND VISIBLE-LIGHT-DRIVEN PHOTOCATALYTIC ACTIVITY FOR REMAZOL RED DYE DEGRADATION

RENATO SANCHES FREIRE

(941) SYNTHESIS OF A VANADYL PHOSPHATE WITH BIPYRIDINE

MARIO CERONI

(944) SYNTHESIS, CHARACTERIZATION AND THERMOANALYTICAL STUDIES OF CIPROFLOXACIN-CAFFEIC ACID COCRYSTAL

CAROLINA TORQUETTI

(1017) HOMO- AND HETEROMETALLIC SBUS BASED ON IRON(III) AND COBALT(II) AS ISOTROPIC BUILDING BLOCKS FOR COORDINATION POLYMERS

BRUNO RAMOS DE LIMA

(1077) STUDY AND CHARACTERIZATION OF THE [CU(BPY)(PYR)NO₂]CL COMPLEX WITH POSSIBLE BACTERICIDAL ACTION AGAINST PSEUDOMONAS AERUGINOSA

DAYANA PATRÍCIA DA SILVA PENHA

(1118) BENTONITE CLAYS: A POTENTIAL ALTERNATIVE TO NB₂O₅ HOST MATRIX AIMING AT INDUSTRIAL EFFLUENT TREATMENT

SERGIO TOSHIO FUJIWARA

(1167) LUMINESCENT HYBRID MATERIALS BASED ON SÃO SIMÃO'S BRAZILIAN KAOLINITE AS PROMISING SENSORS FOR ORGANIC CONTAMINANTS DETECTION

NATHÁLIA PAULA OLIVEIRA

(1194) SYNTHESIS AND CHARACTERIZATION OF PORPHYRIN DERIVED OF THE CASHEW NUT SHELL LIQUID (CNSL) FOR APPLICATION IN ORGANIC LIGHT EMITTING DIODE (OLED)

NAYANE MARIA DE AMORIM LIMA

(1227) MECHANOCHEMICAL SYNTHESIS AND CHARACTERIZATION OF THE NORFLOXACIN SACCHARINE COCRYSTAL

PATRICIA OSORIO FERREIRA

(1231) PHOTOCATALYTIC DEGRADATION OF METHYL ORANGE USING TiO₂ IN RECIRCULATING PHOTOREACTOR

GUSTAVO DURAN IGA

(1341) CHARACTERIZATION OF THE ACTIVE SITES ON THE SURFACE OF A COORDINATION POLYMER BY MODEL REACTION.

CHRIS HEBERT JESUS FRANCO

(1473) A NEW PHOTOCHEMICAL REACTION - NITRATE-IODIDE

RAFAELA THEREZA SANT'ANNA

(1630) MICRO-SCALE METHODOLOGY TO PHOTOCATALYSIS EXPERIMENTS USING UV-LED AND SIMULTANEOUS KINETIC MONITORING

VAGNER ROBERTO BATISTELA

(1634) ACTIVATION ENERGY AND MECHANISM OF THE NEW NITRATE-IODIDE PHOTOCHEMICAL REACTION

EMILY VIDAL MONTEIRO

(1642) PERSISTENT LUMINESCENCE MATERIALS PREPARED BY RAPID AND ENERGY-SAVING MICROWAVE-ASSISTED SOLID-STATE SYNTHESIS

CASSIO CARDOSO SANTOS PEDROSO

(1807) SYNTHESIS, CRYSTAL STRUCTURE AND MAGNETIC PROPERTIES OF SUPRAMOLECULAR COBALT(II) CHAIN

RAPHAEL CAPRUNI ANDRADE VAZ

(1818) MAGNETIC-STRUCTURAL STUDY OF COBALT(II) COMPLEXES BASED ON FLEXIBLE OXAMATE LIGAND

JÚLIA PARREIRAS DE MATOS

(1821) LUMINESCENT PROPERTIES OF [Zn₂A₁-XEu(OH)₆]NO₃-LDH X = 0.1 AT.% AND [Zn₂A₁-XEu(OH)₆]A-LDH A = BCA, BPDC OR TTA UNDER UV AND X-RAY EXCITATION

JOÃO HENRIQUE SASKA ROMERO

(1841) SPECTROSCOPY AND THEORETICAL ANALYSIS OF LEAD (II) XANTHATE

VICTOR HUGO MALAMACE DA SILVA

(1915) NEW INSIGHTS IN THE PROTON-EXCHANGE PROPERTIES AND EXFOLIATION OF THE LAYERED POTASSIUM HEXA-NIOBATE

VICTOR VENDRUSCOLO

(1995) SYNTHESIS OF TRIVALENT RARE EARTHS CO-DOPED LAALO₃:CR³⁺ NANOPARTICLES WITH INFRARED PERSISTENT LUMINESCENCE

DOUGLAS LOURENÇO FRITZEN

(2037) DISCOVERING NEW COLORS OF LUMINESCENCE IN RARE-EARTHS DOPED CaTiO₃ THROUGH CO-DOPING

LUCAS CARVALHO VELOSO RODRIGUES

(2042) STRUCTURAL AND OPTICAL PROPERTIES OF RARE EARTHS DOPED CADMIUM ORTHOSILICATE: HOW THE BAND GAP AFFECTS PERSISTENT LUMINESCENCE?

MIGUEL AGUIRRE STOCK GREIN BARBARÁ

(2044) RAPID MICROWAVE SOLID-STATE SYNTHESIS OF UP-CONVERSION MATERIALS BASED ON Yb/Er- AND Yb/Tm-DOPED YTTRIUM OXYSULFIDES

IAN POMPERMAYER MACHADO

(2239) SYNTHESIS, CRYSTAL STRUCTURE AND MAGNETIC STUDY OF SINGLE-CHAIN MAGNETS WITH HIGH BLOCKING TEMPERATURES

SAMIRA GAMA REIS

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(191) SUSTAINABLE HYDROXYPROPYL METHYLCELLULOSE AEROGELS AS ADSORBENTS FOR WASTEWATER CONTAMINANTS

PAULO VINICIUS OLIVEIRA TOLEDO

(309) APPLICATION OF GUAR GUM AND GELATIN EDIBLE FILMS ON FRUIT COATING

CAROLINA GOMES DE ASSIS

(484) EFFECT OF THE INCORPORATION OF HYDROPHOBIC MOLECULES ON THE STRUCTURE AND STABILITY OF CORE-SHELL AGGREGATES FORMED BY DIBLOCK COPOLYMERS AND SURFACTANTS.

AMANDA AZEVEDO

(502) POLYELECTROLYTES ASSEMBLY FOR AMOXICILLIN LOADING/RELEASE

PEDRO VINICIUS DE ASSIS BUENO

(556) ELECTROSTATIC VERSUS HYDROPHOBIC INTERACTIONS CONTRIBUTIONS TO DRIVING FORCES OF PHENYLME-THANE DYES PARTITIONING IN PEO₁₅₀₀+MgSO₄+H₂O ATPS

ELKIN DARIO CASTELLON CASTRILLON

(662) WATER VAPOR BARRIER PROPERTIES OF POLYPROPYLENE COMPOSITE WITH MODIFIED KAOLINITE

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(751) EFFECT OF 1-BUTHYL-3-METHYLIMIDAZOLIUM HALIDE ON F127 TRIBLOCK COPOLYMER SELF-ASSEMBLY IN AQUEOUS SOLUTION

ÁLVARO JAVIER PATIÑO AGUDELO

(801) DRIVING FORCES FOR CYANOCOBALAMIN PARTITIONING IN PEO 1500 + Li₂SO₄ + H₂O AQUEOUS TWO-PHASE SYSTEM (ATPS)

ADRIANA ROCHA DRUMOND

(810) SYNTHESIS AND CHARACTERIZATION OF CERAMIC COMPOSITE SiO₂/C/SM2O₃

PAULO CESAR MENDES VILLIS

(885) DEVELOPMENT OF MAGNETIC POLYMERIC ELECTROSPUN COMPOSITES FOR LEAD (II) REMOVAL FROM AQUEOUS SOLUTIONS

DANIEL ALVES CERQUEIRA

(1018) CELLULOSE FILMS CONTAINING POLYANILINE AND SILVER NANOPARTICLES

ROSEILAINÉ DA SILVA OLIVEIRA

(1049) THERMO-RHEOLOGICAL ANALYSIS OF BINDERS FORMULATED FROM POLYMER AND RECYCLED OIL

RICARDO DA SILVA SOUZA

(1066) NON-COVALENT FUNCTIONALIZATION OF CARBON NANOTUBES AND THEIR USE IN THERMOPLASTIC MATRIX

JÉSSICA PEREIRA SOARES DA SILVA

(1237) SELF-HEALING AND SELF-ASSEMBLING HYDROGEL BASED ON ACRYLAMIDE, LAURYL ACRYLATE AND SDS

JUDITH PESSOA ANDRADE FEITOSA

(1295) SELF-ASSEMBLY BEHAVIOR OF POLY(LACTIC ACID)-POLY(ETHYLENE OXIDE)-POLY(PROPYLENE OXIDE) BLOCK COPOLYMERS INTO NON-TOXIC NANOPARTICLES

LÍVIA MESQUITA DIAS LOIOLA

(1643) HYDROGEL COMPOSITES BASED ON ACRYLIC MONOMERS FOR METHYLENE BLUE REMOVAL

MARCOS VINÍCIUS AQUINO QUEIRÓS

(1696) EVALUATION OF THERMAL PROPERTIES AND MOLECULAR DYNAMICS OF POLYMERIC MIXTURES OF POLY(LACTIC ACID) AND POLY(METHYL METHACRYLATE)

MICHELLE PINHEIRO OLIVEIRA DOS SANTOS

(1808) PREPARATION AND CHARACTERIZATION OF CARBOXYMETHYLCELLULOSE/POLYVINYL ALCOHOL BLEND FILM WITH JABOTICABA FRUIT EXTRACT

RICARDO STEFANI

(1814) RELEVANCE OF CALENDERING ON THE ELECTRICAL RESISTANCE OF FOLDABLE CELLULOSE/GRAPHITE FILMS

RAMON HENRICK ZORZETO DOS SANTOS

(1822) CHEMICALLY CROSSLINKED GELS BASED ON CELLULOSE NANOCRYSTALS AND POLYSILSESQUIOXANE: MORPHOLOGY AND PROPERTIES

DANIELA DE MORAIS ZANATA

(1842) PREPARATION AND CHARACTERIZATION OF FIBROIN HYDROGELS FOR POTENTIAL APPLICATION IN PHOTODYNAMIC THERAPY

JOSE EDUARDO ULLOA

(1883) MICROCAPSULES CONTAINING LINSEED OIL AND BENZOTRIAZOLE FOR SMART COATINGS

IZABEL CRISTINA RIEGEL-VIDOTTI

(1946) HYDROGELS BASED ON PLA-PEG-PLA AND GELATIN PREPARED BY PHOTOPOLYMERIZATION.

JÉSSICA FRANCIELLE TEIXEIRA CHAVES PETRY

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FERNANDA CRISTINA FERNANDES BRAGA

(2014) DIBUTYLMALATE AS A GREENER PLASTICIZER OF POLY(LACTIC ACID)

IDEJAN PADILHA GROSS

(2032) DUAL-RESPONSIVE POLY(ETHYLENE GLYCOL)-BASED HYDROGEL NANOCOMPOSITE FOR CONTROLLED RELEASE

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(2090) POEGMA THERMORESPONSIVE HYDROGEL AS A BIOCOMPATIBLE PLATFORM FOR BIOMEDICAL APPLICATIONS
RAFAEL PIRES-OLIVEIRA

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(2366) PEPTIDE BASED-HYDROGELS FOR LEISHMANIASIS DETECTION
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OLGA PHILIPPOVA

(2427) MOLECULAR FACTORIES BASED ON {M(2,2':6'',2''''-TERPYRIDINE)₂}²⁺-ZIPPED CO-BLOCK POLYMER VESICLES
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(2456) CONTINUING THE EXPLORATION OF THE (3+2) ANNULATION REACTION BETWEEN SULFONIUM YLIDE AND ACTI-
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SHARMEEN FAYYAZ

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LIDIANE GASPARETO FELIPPE

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(1073) TOWARDS A MALEIMIDE CHEMICAL PROBE FOR THE UNDERSTUDIED KINASE SLK

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(1075) THE INTERACTION AND BINDING OF ANTIPARASITIC DRUGS, BENZNIDAZOLE, METRONIDAZOLE AND MEGAZOL, WITH HUMAN PLASMAIC ALBUMIN.

AURÉLIO BAIRD BUARQUE FERREIRA

(1085) VIRTUAL SCREENING AND BIOLOGICAL ASSAY OF ADENOSINE RECEPTOR 2B ANTAGONISTS

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(1187) MOLECULAR MODELING AND SYNTHESIS OF 3-AMINO-1,2,4-TRIAZOLES DESIGNED AS HSP90 N-TERMINAL INHIBITORS TO ALZHEIMER'S DISEASE TREATMENT

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(1242) ANALYSIS OF CURCUMIN ANALOGUES INTERACTIONS WITH TRYPANOSOMA CRUZI TUBULIN BY MOLECULAR DOCKING

CATARINA DE NIGRIS DEL CISTIA

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JOÃO HERMINIO SILVA

(1342) SEMI-EMPIRICAL STUDIES OF A CONFORMATIONAL VEGFR-2-LIKE EGFR CHIMERIC MODEL FOR DISCOVERY OF DUAL INHIBITORS OF TYROSINE KINASES

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(1396) MEDICINAL ELECTROCHEMISTRY: THE CASE OF BIOLOGICALLY ACTIVE PTEROCARPANQUINONES

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(1510) SYNTHESIS OF NOVEL LIPOIC ACID DERIVATIVES WITH POTENTIAL ANTI-GLYCATION ACTIVITY

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(1715) IDENTIFICATION OF NOVEL POTENTIAL ECTO-5'-NUCLEOTIDASE INHIBITORS (E5NT/CD73) BY VIRTUAL SCREENING

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(1819) SCREENING OF TRANSGENIC CROPS BY ELECTROCHEMICAL BIOSENSORS COMBINED WITH DNA AMPLIFICATION STRATEGIES

JOSE RIBEIRO SANTOS JUNIOR

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(1845) MOLECULAR MODELING AND STATISTICAL ANALYSIS IN THE DESIGN OF DERIVATIVES OF HUMAN DIPEPTIDYL PEPTIDASE IV

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(1847) MOLECULAR DYNAMICS SIMULATION FOR A SERIES OF COLCHICINE BINDING SITE MODULATORS OF TWO TUBULIN ISOTYPES

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(1860) CHEMICAL TOXICITY PREDICTION OF INDUSTRIAL CHEMICALS: IS IT POSSIBLE TO DEVELOP UNIVERSAL QSAR MODELS COVERING COSMETICS, DRUGS, AND PESTICIDES?

VINICIUS MEDEIROS ALVES

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SIMONE SACRAMENTO VALVERDE

(2001) OBTAINING WARFARIN NANOCRYSTALS THROUGH TOP DOWN TECHNOLOGY

FRANCIELI CRIVELLARO

(2021) A STUDY OF MOLECULAR MODELING OF A SERIES OF COMPOUNDS DERIVED FROM HALOLACTONES AS REVERSE TRANSCRIPTASE INHIBITORS OF HIV-1

PAMELLA CRISTINY CARNEIRO DA SILVA

(2029) STRUCTURE-GUIDED FRAGMENT SCREENING OF PUTATIVE PHZF INHIBITORS

THAMIRES QUADROS FROES

(2098) SYNTHESIS, MOLECULAR CHARACTERIZATION AND EVALUATION OF ANTIMICROBIAL ACTIVITY OF TRIAZENES

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(2106) BIOLOGICAL AND LUMINESCENT BEHAVIOR OF COORDINATION COMPOUNDS BASED ON QUINOLINE-DERIVATIVES.

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(2107) SYNTHESIS OF 1,3-DIETHERS DERIVED FROM GLYCERINE AND THEIR ANTIMICROBIAL POTENTIALITIES

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MARCELO SIQUEIRA VALLE

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(2127) AB INITIO STRUCTURE PREDICTION OF AMYLOID BETA PEPTIDE USING ROSETTA 3.5

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(2136) DOCKING STUDIES INVOLVING N-ACYL INHIBITORS OF TRYPANOSOMA CRUZI TRYPANOTHIONE REDUCTASE (TCTR)

CLARISSA MARIA SOUZA PERALVA

(2177) HOMOLGY MODELLING OF ACETYLCHOLINESTERASE FROM RHIPICEPHALUS (BOOPHILUS) MICROPLUS

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(2191) SYNTHESIS OH 2-CHLORO-N-ARYLACETAMIDES AND THEIR ANTIFUNGAL POTENTIALITIES AGAINST CANDIDA ALBICANS STRAINS

MARIA CLAUDIA RODRIGUES BRANDÃO

(2247) SYNTHESIS OF A NEW VANADIUM COMPLEX HAVING AS BINDER A NATURAL BENZOIC ACID DERIVATIVE

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(2250) SYNTHESIS OF NOVEL CYTOTOXIC COUMARIN-3,4-DIHYDROPYRIMIDIN-2(1H)-ONES BY BIGINELLI MULTICOMPONENT REACTION

THIAGO MOREIRA PEREIRA

(2267) EVALUATION OF SYNTHETIC CURCUMIN DERIVATIVES AS ANTIPARASITIC AGENTS AGAINST TRICHOMONAS VAGINALIS

CAROLINE CARAPINA DA SILVA

(2276) DFT STUDY OF COUMARIN ANTI-HIV HERACLENOL: STRUCTURAL AND ELECTRONIC CHARACTERIZATION

CARLOS LACERDA FILHO

(2305) SYSTEM FOR LARGE SCALE PREDICTION OF BIOLOGICAL ACTIVITY

JULIO CESAR DIAS LOPES

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CAROLINE BRAMBILLA DE AQUINO

(447) GOLD NANOPARTICLES SYNTHESIS FOR SPECIFIC INTERACTIONS WITH BIOLOGICAL SYSTEMS

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(655) NANOSTRUCTURED LIPID CARRIERS PRODUCED FROM NATURAL LIPIDS FOR THE ENCAPSULATION OF BENZOPHENONE-3

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(665) A COMPARATIVE STUDY OF THE EFFECTS OF METAL-SUPPORT INTERACTIONS ON OXYGEN REDUCTION ACTIVITY OF Pt NANOPARTICLES

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(682) SYNTHESIS OF HYBRID NANOSTRUCTURES BASED ON GOLD NANOPARTICLES AND THEIR ACTION IN THE MITOCHONDRIAL BIOENERGETIC

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(839) ASSEMBLY OF NANOSTRUCTURED SYSTEMS CONTAINING GOLD AND TiO₂

RHAUANE ALMEIDA GALVÃO

(858) IMPACT OF ELECTRON TRANSFER ON PHOTOCATALYST TiO₂/BiVO₄ SENSITIZED WITH Au NANOPARTICLES SYSTEM FOR "Z SCHEME" HYDROGEN GENERATION

HENRIQUE BARBOSA GONÇALVES

(861) BAMBOO AS A POROUS SEPTUM, FILLED WITH CHITOSAN-BASED SILVER NANOPARTICLES COLLOIDAL SOLUTION

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(873) DETERMINATION OF SINGLET OXYGEN USING EPR TECHNIQUE FOR PORPHYRIN DISPERSED IN HYDROGEL MATRIX

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(886) INFLUENCE OF THE ADDITION OF TITANATE NANOTUBES ON THE THERMAL PROPERTIES OF POLYVINYL ALCOHOL ELECTROSPUN.

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(958) FLUORESCENT CARBON DOTS NANOPARTICLES DERIVED FROM NATURAL MATERIAL OF "ACEROLA" FRUIT FOR SENSITIVE Fe (III) DETECTION

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(981) DEVELOPMENT OF A NANO FILTER FOR HYDROGEN SULFIDE REMOVAL FROM BIOGAS

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(1076) MAGNETIC SOLID PHASE EXTRACTION: NEW APPROACH TO DETERMINING POLYCYCLIC AROMATIC HYDROCARBON (PAH) IN WATER PRODUCED BY HPLC

VINICIUS CRISPIM LIMA DE BARROS CAETANO

(1172) EVALUATION OF THE NPK RELEASE PROFILE FROM POLY(ϵ -CAPROLACTONE) AND POLYGLYCEROL POLYMER MICROPARTICLES

FABIANA APARECIDA LOBO

(1178) DEVELOPMENT AND VALIDATION OF ANALYTICAL METHODS FOR DETERMINATION OF NITROGEN, PHOSPHORUS AND POTASSIUM IN POLYMERIC MICROPARTICLES

JÚNIOR OLAIR CHAGAS

(1488) DYE DEGRADATION BY GREEN HETEROGENEOUS FENTON CATALYSTS PREPARED IN PRESENCE OF CAMELLIA SINENSIS

SAMIRA DE SOUZA FERREIRA CARVALHO

(1531) PREPARATION AND CHARACTERIZATION OF PT/C, PTFE/C AND PTCU/C ELETROCATALISATORS FOR OXIDIZING ETHANOL IN FUEL CELLS

JHONATHAN RENNER NUNES DOS SANTOS

(1542) CATALYSTS BASED IN COBALT HYDROXIDES AND OXYHYDROXIDE FOR THE CHEMICAL OXIDATION OF WATER

MARIANA LUCAS BARROSO

(1562) CHROMIUM(VI) SORPTIVE REMOVAL FROM AQUEOUS SOLUTIONS BY MAGNETIC CORE-SHELL FERRITE NANOPARTICLES

SAMUEL LOUBACH DA CUNHA

(1579) NANOCELLULOSE-BASED COMPOSITES FOR CONSERVATION AND RESTORATION OF CULTURAL HERITAGE ON PAPER: MECHANICAL BEHAVIOR STUDIES

CAMILLA HENRIQUES MAIA DE CAMARGOS

(1629) ROLE OF PANI AT SYNTHESIS OF BIVO₄ PHOTOACTIVITY FILMS

LUCIA HELENA MASCARO

(1644) PLAYING WITH SIZE: THE ROLLER COASTER OF SPR-MEDIATED CATALYSIS

RAFAEL DOS SANTOS GEONMONOND

(1695) PT DECORATED TIO₂ MICROSPHERES FOR OXYGEN REDUCTION REACTION

EDUARDO CESAR MELO BARBOSA

(1752) DEGRADATION OF POLLUTANT METHYL ORANGE WITH GREEN IRON NANOPARTICLES SUPPORTED ON AMINO-FUNCTIONALIZED SILICA.

THIAGO DA CUNHA PERROTTI

(1836) PREPARATION AND CHARACTERIZATION OF CARBON NANOTUBES AND NICKEL HYDROXIDE NANOCOMPOSITES

EDUARDO GUILHERME CIVIDINI NEIVA

(1850) ELECTROCHEMICAL EVALUATION OF GRAPHENE OXIDE/POLYANILINE COMPOSITES FOR APPLICATION IN ENERGY STORAGE DEVICES

ARIANE SILVA RIBAS

(1871) GLYCEROL-MEDIATED SYNTHESIS OF BIMETALLIC NI/FE AND ZN/FE NANOPARTICLES FOR HETEROGENEOUS FENTON DYE DEGRADATION

NAKÉDIA MF CARVALHO

(1889) DISTINCT SURFACE INTERACTIONS IN SELF-ASSEMBLED STRUCTURES OF GOLD NANORODS WITH POLYSACCHARIDES AND THEIR CYTOTOXICITY ASSAYS

HELOISE RIBEIRO DE BARROS

(1923) NEAR-INFRARED (NIR) FLUORESCENT PROBES TOWARDS BIOIMAGING

RAJA SEBASTIAN

(1935) BIOPOLYMER THIN FILMS APPLIED IN DRUG DELIVERY SYSTEMS

JORGE AUGUSTO DE MOURA DELEZUK

(1945) BIO-FUNCTIONALIZATION OF TITANIUM WITH OSTEOGENIC PEPTIDES: SURFACE CHEMISTRY, CORROSION AND BIOCOMPATIBILITY ASPECTS

LUCIANA DANIELE TRINO

(1958) FUNCTIONALIZED MESOPOROUS MCM-48 SILICA NANOPARTICLES FOR ADSORPTION OF POLYNUCLEAR AROMATIC HYDROCARBONS

DANIEL SANTOS GARCIA OSORIO

(1987) CATALYTIC ACTIVITY OF SHAPE CONTROLLED IRON (III) OXIDE DECORATED WITH PD AND PT NANOPARTICLES
ISABELLA GENESINI FREITAS

(2053) QUALITATIVE META-SYNTHESIS: EXPERIMENTAL CONSIDERATIONS ON THE NANOTOTOXICITY
CARLA DOS SANTOS RICCARDI

(2070) WATER-BASED SYNTHESIS OF AU-IR NANODENDRITES BY A CO-REDUCTION APPROACH
BARBARA AMARAL NOVAES

(2079) SYNTHESIS OF MELANIN DERIVATIVE WITH UNFORESEEN ULTRAVIOLET EMISSION
JOÃO VITOR PAULIN

(2082) BLOOD COMPATIBILITY STUDIES OF MODIFIED NANOCELLULOSE FROM CLADOPHORA GREEN ALGAE
IGOR OLIVEIRA ROCHA

(2131) PROMOTION AND INVESTIGATION OF NON-COVALENT FUNCTIONALIZATION OF CARBON NANOTUBES WITH ANTITUMORAL APTAMER: PLATAFORM WITH POTENTIAL FOR DIAGNOSIS OF COLORECTAL CANCER
MARIANA BOTELHO BARBOSA

(2216) THE SUSTAINABILITY OF THE RAW MATERIAL AROMATIC AMAZON SPECIES USING NANOTECHNOLOGY
SIMONE BRAGA CARNEIRO

(2223) SYNTHESIS AND CHARACTERIZATION OF WHITE-BLUE FLUORESCENT COPPER NANOPARTICLES
LADY VANESSA QUISPE GARRIDO

(2240) DIRECT ETHANOL FUEL CELLS: LOW NOBLE METAL LOADING AND DIFFERENT SUPPORTS FOR PTSNNI ELECTRO-CATALYSTS
LUANNA SILVEIRA PARREIRA

(2245) NEW INSIGHTS ABOUT THE EMULSION-FREE POLYMERIZATION OF POLY[STYRENE-CO-(2-HYDROXYETHYL METHACRYLATE)] LATEX MORPHOGENESIS
SIDICLEIA BEZERRA SILVA

(2340) THE ACTIVITY PARAMETER “Ӄ”: A NEW PROPOSAL FOR COMPARISON OF NANOCATALYST ACTIVITY USING THE REDUCTION REACTION OF P-NITROPHENOL
LUCIANO RONI SILVA LARA

(2349) BOVINE SERUM ALBUMIN BINDING TO MERCAPTO-CAPPED GOLD NANOPARTICLES: STUDY OF DIFFERENT CAPPING AGENTS ON BIOCONJUGATION REACTION
RAÍSA LACERDA SILVEIRA

(2358) WET PEROXIDE OXIDATION OF NITROPHENOL DERIVATIVE OVER LAYERED DOUBLE HYDROXIDE
RENATO ROSSETO

(2425) PREPARATION OF N-FUNCTIONALIZED GRAPHITIC CARBON BY CATALYST-FREE PYROLYSIS OF THE BIOMASS WASTES CHITOSAN AND CHITIN
PAULA DIAS BARBOZA

(2447) LIGAND EFFECT IN CATALYSIS BY NANOPARTICLES: A SERS STUDY
NATÁLIA DE JESUS DA SILVA COSTA

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(400) QUANTIFICATION OF REDUCING POWER OF AQUEOUS EXTRACTS OF BRAZILIAN MEDICINAL PLANTS USING THE MODIFIED FE(III)/FE(CN)₆³⁻ ASSAY.
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(428) EVALUATION OF THE USE OF THE FE(III)/1,10-PHENANTHROLINE COMPLEXES FOR QUANTIFICATION OF THE ANTIOXIDANT CAPACITY OF AQUEOUS PLANT EXTRACTS

ALINE FREIRE GOUVEIA

(465) BROMINATED SECONDARY METABOLITES PRODUCED BY THE MARINE BACTERIUM PSEUDOVIBRIO DENITRIFICANS AB134

LAURA PAVAN IÓCA

(466) A SIMPLE ASSAY TO QUANTIFY THE ANTIOXIDANT CAPACITY OF BRAZILIAN MEDICINAL PLANTS BASED ON THE FORMATION OF THE FE(II)/2,2"-BIPYRIDINE COMPLEXES

RAFAELA DE LIMA SACCHI

(507) METABOLOMICS OF THE NUDIBRANCH ROBOATRA ERNSTI

MIRELLE TAKAKI

(515) ISOLATION OF GLUCOSIDE FLAVONOIDS AND PHENOLIC ACIDS FROM ERYNGIUM GLAZIOVIANUM BY CCC WITH OFFLINE HPLC DETECTION

ROBERTO CARLOS CAMPOS MARTINS

(620) PYRANOCUMARINS BIOSYNTHESIS STUDIES IN ORANGE PEAR (CITRUS SINENSIS (L.) OSBECK) AND RANGPUR LIME (CITRUS LIMONIA OSBECK)

JÉSSICA CRISTINA AMARAL

(639) IMPORTANT CHROMATOGRAPHIC PARAMETERS FOR OBTAINING THE ARTICHOKE GREEN CHROMATOGRAPHIC FINGERPRINTING BY HPLC-PAD WITH A SUSTAINABLE CLEAN-UP PROCEDURE

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(666) UNEXPECTED REARRANGEMENT AND AROMATIZATION ON DEHYDRATION REACTION OF THE DITERPENEQUINONE 7-HYDROXYROILEANONE

GILDA GUIMARAES LEITAO

(809) CHROMATOGRAPHIC FINGERPRINTING OF HYDROALCOHOLIC EXTRACTS FROM ERYTHRINA SPECIES

NAIRA BUZZO ANHESINE

(834) EVALUATION OF THE IN VITRO SHISTOSSOMICIAL ACTIVITY OF THE BRAZILIAN ASCIDIAN DIDEMNUM PSAMMATODES

ANA HELENA JANUARIO

(876) CYTOTOXIC ACTIVITY OF THE METHANOLIC CRUDE EXTRACT FROM BYSSOCHLAMYS SPECTABILIS, A MARINE-DERIVED FUNGUS OF DIDEMNUM PERLUCIDUM

CAMILA SPERETA BERTANHA

(977) SELF-ORGANIZING MAPS OF MOLECULAR FRAGMENT DESCRIPTORS FOR FLAVONOIDS AND THEIR APPLICATION TO THE CHEMOTAXONOMY OF THE ASTERACEAE

MARCUS TULLIUS SCOTTI

(1040) MOLECULAR NETWORKING AS A DEREPLICATION STRATEGY TO PRIORITIZE NATURAL PRODUCT DIVERSITY IN A COLLECTION OF ENDOPHYTIC FUNGI STRAINS BASED ON EXTRACTION PROTOCOLS

RAQUEL PERES DE MORAIS URANO

(1124) CHEMICAL CHARACTERIZATION OF ALCOHOLIC CRUDE EXTRACT OF BAUHINIA LONGIFOLIA USING TIME-SLICE LIQUID CHROMATOGRAPHY-SOLID-PHASE EXTRACTION-NUCLEAR MAGNETIC RESONANCE

AMANDA JORDANO AQUINO

(1144) FLAVONOIDS AND PHENYLPROPANOID GLYCOSIDES FROM LIPPIA RUBELLA (MOLDENKE) T. SILVA & SALIMENA

SUZANA GUIMARÃES LEITÃO

(1175) ALKYLATED LACTONES FROM PERSEA FULVA (LAURACEAE)

ALEXSANDRO BRANCO

(1271) CHEMICAL CHARACTERIZATION AND ANTIOXIDANT ACTIVITY FROM MELIPONA SEMINIGRA GEOPROPOLIS
RITA DE CASSIA SARAIVA NUNOMURA

(1279) UNPRECEDENTED PHOMACTINS FROM THE MARINE-DERIVED FUNGUS BIATRIOSPORA SP. CBMAI 1333
KAREN JESUS NICACIO

(1568) LACTONIZATION OF SURFACTIN-C14 ANALOG BY LIPASE FROM DIFFERENT SOURCES
MATHEUS RODRIGUES BOFINGER

(1632) CASHEW NUTS (CNSL) LIQUID RESIN USED TO REDUCE THE PERMEABILITY OF CONCRETE SURFACES
FRANCISCO CARDOSO FIGUEIREDO

(1635) METABOLOMICS AS A TOOL FOR CHEMOTAXONOMIC ANALYSIS OF THE GENUS CATASETUM (ORCHIDACEAE).
CAMILA CAPEL GODINHO

(1637) STUDY OF BYRSONIMA COCCOLOBIFOLIA KUNTH. (MALPIGHIACEAE): CONTRIBUTION TO THE CHEMICAL KNOWLEDGE OF BRAZILIAN CERRADO
RICHELE PRISCILA SEVERINO

(1660) METABOLOMIC-BASED STRATEGY FOR FINGERPRINTING OF CERRADO AND PANTANAL RUBIACEAE SPECIES WITH ANTIPROLIFERATIVE PROPERTIES
NIDIA CRISTIANE YOSHIDA

(1682) RAMAN SPECTROSCOPY AS A TOOL IN THE CHARACTERIZATION OF FLAVONOIDS AND CAROTENOIDS FROM LEAVES OF ARRABIDAEA CHICA
MARIA DUTRA BEHRENS

(1831) COMPARISON OF DIFFERENT EXTRACTION METHODS FOR THE ANALYSIS OF LEAVES FROM CASEARIA SYLVESTRIS BY HPLC-DAD-CAD
LILIAN CHERUBIN CORREIA

(1834) LPHALPHA-PYRONES PRODUCED BY CONIOCHAETA SP., AN ENDOPHYTIC FUNGUS ISOLATED FROM BACCHARIS OBLONGIFOLIA (ASTERACEAE)
LUIZA CHELIZ RODRIGUES

(1880) EVALUATION OF THE CHEMICAL PROFILES OF LARVAL AND ADULT STAGES OF CORAL TUBASTRAEA COCCINEA
JULIANA DE ARAÚJO SATURNINO DE OLIVEIRA

(1941) DEVELOPMENT AND VALIDATION OF AN ANALYTICAL METHODOLOGY FOR THE QUANTIFICATION OF PHENOLIC COMPOUNDS IN MAYTENUS OBTUSIFOLIA MART EXTRACT BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)
PEDRO RAMALHO FIGUEIREDO

(1952) TWO NEW NAPHTHOQUINONES FROM PALIAVANA TENUIFLORA MANSF. (GESNERIACEAE)
GABRIELA ALVES MELQUIADES

(1963) RAPID QUALITATIVE ANALYSIS OF BARBINERVIC ACID IN AMAZONIAN EUGENIA PUNICIFOLIA (KUNTH) BY ATR-F-TIR SPECTROSCOPY
WILSON DA COSTA SANTOS

(1992) CHEMICAL PROSPECTION OF THE MARINE BACTERIA ISOLATED FROM MARINE SEDIMENTS COLLECTED AT SÃO PAULO COAST
RENATA MENDONCA ARAUJO

(2005) CARYOPHYLLANE SESQUITERPENES OF EVOLVULUS LINARIOIDES MEISN. (CONVOLVULACEAE)
ANA RITA RODRIGUES

(2060) DEVELOPMENT AND VALIDATION OF THE ANALYTICAL METHOD TO QUANTIFICATION OF MARKERS IN THE CRUDE ETHANOLIC EXTRACT (CEE) BY PILOCARPUS SPICATUS SAINT-HILAIRE OF THE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)

RAMON LEAL LIMA

(2064) DETERMINATION OF RIPARIN I IN RAT PLASMA BY LC-MS/MS

RANNA BEATRIS SOUZA

(2084) COMPUTER ASSISTED 3D STRUCTURAL ELUCIDATION OF NATURAL PRODUCTS USING ISOTROPIC AND ANISOTROPIC NMR PARAMETERS

ARMANDO NAVARRO-VÁZQUEZ

(2086) ANALYSIS OF PROPOLIS BY SILYLATION AND GC-MS

LEONARDO DE SOUZA BRITO

(2091) CHEMICAL CONSTITUENTS OF MESOSPHAERUM SIDIFOLIUM (LAMIACEAE)

JOCIANO DA SILVA LINS

(2092) THE INFLUENCE OF SOLVENT IN CONFORMATION OF RETRORSINE ALKALOIDS INVESTIGATED THROUGH ANISOTROPIC NMR PARAMETERS

FERNANDO HALLWASS

(2118) EFFECT OF THE CONCENTRATION OF ACID CATALYST AND NUCLEOPHILE ON THE RATE OF BETALAIN FORMATION

TALITA SERTÓRIO TEIXEIRA

(2138) NEW PHENYLPROPANOIDS FROM CROTON VELUTINUS (EUPHORBIACEAE)

LUCAS SILVA ABREU

(2139) CHEMICAL CONSTITUENTS AND ANTIOXIDANT ACTIVITY OF ZORNIA BRASILIENSIS

YURI MANGUEIRA NASCIMENTO

(2147) NEW LIMONOID FROM DICTYOLOMA VANDELLIANUM (RUTACEAE)

JOSEAN FECHINE TAVARES

(2268) SELENIUM VOLTAMMETRIC DETERMINATION IN RED AND BROWN MACROALGAE FROM ANTARCTICA

BRUNA SILVEIRA PACHECO

(2311) CHEMODIVERSITY OF FUNGI ASSOCIATED TO MARINE ALGAE: ALTERNATIVE SOURCES FOR BIOPROSPECTION

DULCE HELENA SIQUEIRA SILVA

(2336) PHENOLICS IDENTIFICATION OF BURITI EXTRACTS BY LC-DAD-ESI-Q-TOF-MS TARGETED ANALYSIS

SERGIO MASSAYOSHI NUNOMURA

12. PHYSICAL, BIOPHYSICAL AND COMPUTATIONAL CHEMISTRY (PC)

(334) EXPERIMENTAL AND THEORETICAL CHARACTERIZATION OF VERKADE'S SUPERBASES

GUSTAVO CERVI

(478) INFLUENCE OF THE OLYMPIC GAMES ON THE LEVELS AND CHEMICAL COMPONENTS OF THE PARTICULATE MATTER IN RIO DE JANEIRO

ELIZANNE PORTO JUSTO

(512) BIOMONITORING OF AIR POLLUTION IN URBAN AREAS OF RIO DE JANEIRO, BRAZIL, USING TWO TILLANDSIA SPECIES

ALEX RUBEN HUAMAN DE LA CRUZ

(518) EVALUATION OF MACMILLAN ORGANOCATALYSTS AND ITS REACTION INTERMEDIATES

LAIS CASTRIGNANO TAVARES

(585) STUDY OF THE IMMUNOSUPPRESSANT TACROLIMUS: RELATION BETWEEN STRUCTURE AND THE ACTION MECHANISM

MARIA ANGÉLICA CARLOS MASSON

(748) IRMPD SPECTROSCOPY AS A TOOL FOR CONFORMATIONAL DETERMINATION OF BIOTIN IN THE GAS PHASE

ANDRÉ FILIPE RODRIGUES DE OLIVEIRA

(823) THE ROLE OF SIMPLE INORGANIC IONS IN THE COLLOIDAL AND STRUCTURAL PROPERTIES OF BLOCK COPOLYMER/SURFACTANT DISPERSED NANOPARTICLES

GUILHERME AUGUSTO FERREIRA

(1043) THERMODYNAMIC PROFILE OF THE INTERACTION BETWEEN BETA-CYCLODEXTRINS AND PROPRANOLOL

LUIZ JÚNIOR OLIVEIRA NASCIMENTO

(1109) STUDY OF INTERACTION BETWEEN CATIONIC SURFACTANT AND DYES AND THEIR BEHAVIOR IN THE AQUEOUS TWO-PHASE SYSTEM.

JUSSARA ALVES PENIDO

(1114) CHARACTERIZATION OF CHITOSAN/ALGINATE HYDROGEL PREPARED IN [HMIM][HSO₄] AND THEIR POTENTIAL APPLICATION FOR THE REMOVAL OF LEAD IONS FROM WATER

KESSILY BARBOSA RUFATO

(1252) OXIDATION OF CTAB MONOMERS AND MICELLES BY ABTS RADICALS

CAROLINA VAUTIER-GIONGO

(1479) STUDIES ON THE EFFICIENCY OF THE PEROXYOXALATE REACTION IN AQUEOUS MEDIA CONTAINING IONIC LIQUIDS.

MAIDILEYVIS CASTRO CABELLO

(1483) FRAGMENTATION OF N-ACETYL-L-ASPARTIC ACID – AN IRMPD STUDY

JENNIFER DAYANA ROZENDO LIMA

(1588) RAMAN DISPERSION OF AN ACCEPTOR-DONOR SYSTEM IN DIFFERENT SOLVENTS

FERNANDA PEREIRA CARLI

(1603) VARIABILITY OF IONIC COMPOSITION OF FINE PARTICULATE MATTER (PM_{2.5}) IN VALE DO PARAÍBA, SÃO PAULO STATE

VICTÓRIA MARIA LOPES PELI

(1801) RHEOLOGICAL AND MORPHOLOGICAL STUDIES OF CATIONIC CELLULOSE NANOFIBRILS EXTRACTED FROM SUGARCANE BAGASSE

CAROLINE EZEQUIEL DE PAULO DA SILVA

(1924) PHYSICO-CHEMICAL CHARACTERIZATION OF SUPRAMOLECULAR ORGANOGEL CONTAINING DIPTERYX ALATA (BARU) OIL

THALISSON AMORIM SOUZA

(1938) THEORETICAL STUDY OF THE HATAKEYAMA BASE IN THE MORITA-BAYLIS-HILLMAN REACTION

VERONICA MARIA NASCIMENTO

(1953) EFFECT OF SURFACTANTS ON THE RATE OF ALKALINE HYDROLYSIS OF BETALAINS

VIVIAN TURINI

(1962) XPS STUDY OF 1-OCTYL-1-METHYLPYRROLIDINIUM HEXAFLUOROANTIMONATE (V) IONIC LIQUID: X-RAY MEDIATED PHOTOREDUCTION OF SB (V) TO SB (III)

LUIZ SIDNEY LONGO JUNIOR

(1962) XPS STUDY OF 1-OCTYL-1-METHYLPYRROLIDINIUM HEXAFLUOROANTIMONATE (V) IONIC LIQUID: X-RAY MEDIATED PHOTOREDUCTION OF SB (V) TO SB (III)

LUIZ SIDNEY LONGO JUNIOR

(2172) REACTIVITY OF METILIMIDAZOLES IN DEPHOSPHORYLATION REACTIONS WITH A PHOSPHATE DIESTER: GRASPING ON THE UNEXPECTED

LEONARDO LUIZ DE QUADROS NASCIMENTO

(2423) PHOTOACOUSTIC SPECTROSCOPY ANALYSIS OF QUADROPOLAR PHENYL AND THIOPHENE CURCUMINOID CONTRAST AGENTS

RAYMOND E BORG

(2492) TASK GROUP ON ATMOSPHERIC CHEMICAL KINETIC DATA EVALUATION

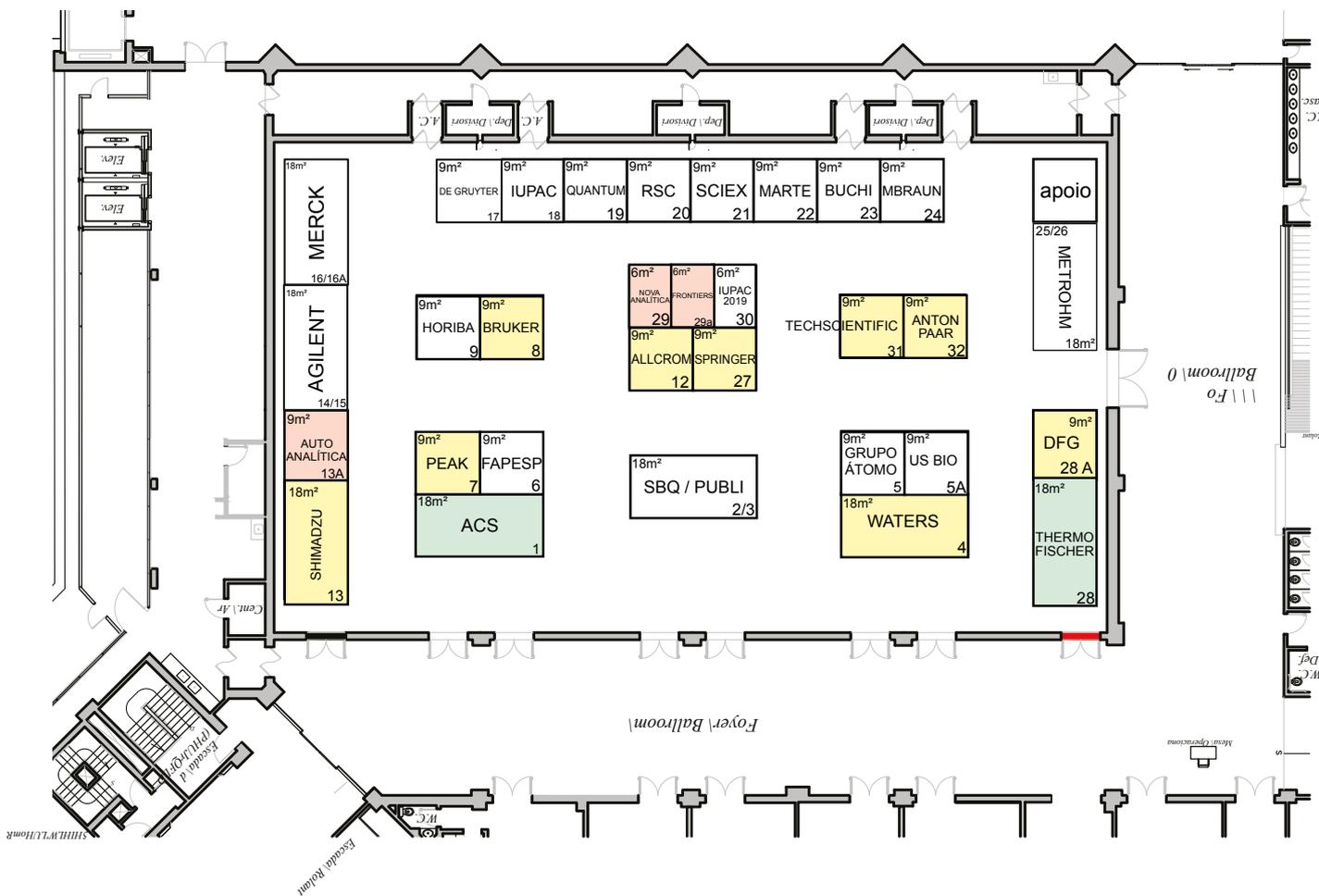
TIMOTHY JOHN WALLINGTON

(2494) SOLID STATE NMR SPECTROSCOPY AND RELAXOMETRY FOR A MULTI-SCALE INVESTIGATION OF INNOVATIVE MGO-BASED CEMENTS

SILVIA BORSACCHI

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