



PHYSICAL CHEMISTRY 2024

17th International Conference
on Fundamental and Applied Aspects of
Physical Chemistry

Organized by
The Society of Physical Chemists of Serbia

FINAL PROGRAM

Palace Hotel
September 23-27, 2024
Belgrade, Serbia



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Palace Hotel – Beogradska panorama Hall, VI floor
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and Applied Aspects of Physical Chemistry

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The Society of Physical Chemists of Serbia
in co-operation with



Institute of Catalysis
Bulgarian Academy of Sciences



Boreskov Institute of Catalysis
Siberian Branch of the Russian Academy of Sciences
and



University of Belgrade
Members:



Faculty of Physical Chemistry



**Institute of Chemistry, Technology
and Metallurgy**



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Institute of General and Physical Chemistry

Material support and sponsors

*Ministry of Science, Technological Development and Innovation
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*University of Belgrade, Institute of Chemistry, Technology and
Metallurgy, National Institute of Republic of Serbia, Belgrade*

*

University of Belgrade, Faculty of Physical Chemistry, Belgrade

Conference Venue



Hotel PALAS
Beogradska panorama Hall, VI floor
Address: Topličin Venac 23, Belgrade 11000
Phone: +381-11-218 55 85 +381-11-263 72 22
Email: office@palacehotel.rs

Physical Chemistry 2024, September 23-27, Palace Hotel, Belgrade, Serbia
Beogradska panorama Hall, VI floor
 Conference Schedule

	Monday, Sep. 23	Tuesday, Sep. 24	Wednesday, Sep. 25	Thursday, Sep. 26	Friday, Sep. 27
Plenary lectures	L. Prins G. Lente J. Dimitrić-Marković	Lj. Gavrilović O. Martyanov	EXCURSION (Golubac, Lepenski Vir)	S. Macura D. Peddis	M. Plavšić A. DeWit
Section lectures	N. Djoković J.J. Lazarević I. Đorđević S. Tosti	V. Vukojević T. Mudrinić A. Yuksel N. Trišović A. Novikov F. Rossi		WORKSHOP: Photocatalysis in Environmental Science and Energy Utilisation Klub Palace	I. Schreiber A. Toth G. Schmitz K. Novaković S. Maćešić M. Fronczak
Oral presentations	B. Stanković J. Milojković	X. Xu T.J. Becker N. Nemet S. Zverev		The 8th Workshop on Food and Drug Safety and Quality Online meeting	L. Negrojević A. Hedrih S.A. Stepanenko T. Basuki S. Slimani
Poster sessions	K, S	H		O, F, P G, J, L, M, N, Q, T	A, B, C, D, E, R

- | | | |
|---|---|--|
| A. Chemical Thermodynamics | H. Material Science | M. Complex Compounds |
| B. Spectroscopy Molecular Structure Physical Chemistry of Plasma | I. Physical Chemistry of Condensed Phases, Solid State and Fluids | N. General Physical Chemistry |
| C. Kinetics, Catalysis | J. Macromolecular Physical Chemistry | O. Pharmaceutical Physical Chemistry |
| D. Nonlinear Dynamics, Oscillatory Reactions, Chaos | K. Environmental Protection, Forensic Sciences, Geophysical Chemistry, Radiochemistry, Nuclear Chemistry | P. Food Physical Chemistry |
| E. Electrochemistry | L. Phase Boundaries, Colloids, Liquid Crystals, Surface-active substances | Q. Physico-Chemical Analysis |
| F. Biophysical Chemistry, EPR Investigations of bio-systems | | R. Photochemistry, Radiation Chemistry, Photonics |
| G. Organic Physical chemistry | | S. Free Topic |
| | | T. Education |

Registration

Registration desk will be opened during all time of the Conference. Also, the Banquet Hall at the I floor will be available for discussions.

Abbreviations

PL – Plenary Lecture
SL – Section Lecture
O – Oral Presentation
P – Poster Presentation

Topic

A–Chemical Thermodynamics
B – Spectroscopy, Molecular Structure, Physical Chemistry of Plasma
C – Kinetics, Catalysis
D – Nonlinear Dynamics, Oscillatory Reactions, Chaos
E – Electrochemistry
F – Biophysical Chemistry, EPR investigations of Bio-systems
G – Organic Physical Chemistry
H – Material Science
I – Physical Chemistry of Condensed Phases, Solid State and Fluids
J – Macromolecular Physical Chemistry
K – Environmental Protection, Forensic Sciences, Geophysical Chemistry, Radiochemistry, Nuclear Chemistry
L – Phase Boundaries, Colloids, Liquid Crystals, Surface-Active Substances
M – Complex Compounds
N –General Physical Chemistry
O – Pharmaceutical Physical Chemistry
P – Food Physical Chemistry
Q –Physico-Chemical Analysis
R –Photochemistry, Radiation Chemistry, Photonics
Q – Free Topic
T – Education

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Oleg N. Martyanov (Russia)
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Members: M. Ajduković, S. Bulatović, J. Dostanić, J. Đuričić-Milanković, M. Jelić, S. Jovanović, Z. Jovanović, N. Jović-Jovičić, B. Marković, J. Maksimović, S. Marinović, D. Milenković, T. Mudrinić, N. Nedić, M. Pagnacco, B. Stanković, I. Stefanović, T. Tadić, J. Parlić, M. Pejčić, G. Stevanović, H. Šalipur.

Invited lecturers

- PL-01** **L. J. Prins**, University of Padova, Department of Chemical Sciences, Italy
- PL-02** **G. Lente**, University of Pécs, Institute of Chemistry, Hungary
- PL-03** **J. Dimitrić Marković**, University of Belgrade, Faculty of Physical Chemistry, Serbia
- PL-04** **Lj. Gavrilovic**, Institute for Energy Technology, Norway
- PL-05** **O.N. Martyanov**, Federal Research Center Boreskov Institute of Catalysis, Russia
- PL-06** **S. Macura**, Department of Biochemistry and Molecular Biology, Mayo Clinic, USA.
- PL-07** **D. Peddis**, Dipartimento di Chimica e Chimica Industriale, Università degli Studi di Genova; Istituto di Struttura della Materia-CNR, Monterotondo Scalo (RM), Italy
- PL-08** **M.B. Plavsic**, University of Belgrade -TMF, Engineering Science Academy of Serbia, Serbia
- PL-09** **A. De Wit**, Nonlinear Physical Chemistry Unit, Université libre de Bruxelles (ULB), Belgium
- C-01-SL** **M. Fronczak**, Lodz University of Technology, Faculty of Process and Environmental Engineering, Department of Molecular Engineering Poland
- D-01-SL** **I. Schreiber**, Department of Adaptive Biotechnologies, Global Change Research Institute, Academy of Science of the Czech Republic; Department of Chemical Engineering, University of Chemistry and Technology, Czech Republic
- D-02-SL** **Á. Tóth**, Department of Physical Chemistry and Materials Science, University of Szeged, Hungary
- D-03-SL** **G. Schmitz**, Université Libre de Bruxelles, Ecole Polytechnique, Belgium
- D-04-SL** **K. Novakovic**, School of Engineering, Newcastle University, UK
- D-05-SL** **S. Maćešić**, University of Belgrade, Faculty of Physical Chemistry, Serbia.
- E-01-SI** **T. Mudrinić**, University of Belgrade, Institute of Chemistry, Technology and Metallurgy, Serbia
- F-01-SL** **V. Vukojević**, Karolinska Institutet, Department of Clinical Neurosciences, Center for Molecular Medicine, Sweden
- H-01-SL** **A. Yüksel**, Department of Chemical Engineering; Geothermal Energy Research and Application Center, Izmir Institute of Technology, Türkiye.
- H-02-SL** **N. Trišović**, University of Belgrade, Faculty of Technology and Metallurgy, Serbia

- K-01-SL*** **S. Tosti**, ENEA Frascati Research Center, Fusion and Technologies for Nuclear Security Department, Italy.
- L-01-SL*** **A. Novikov**, Gubkin University, Physical and Colloid Chemistry Department, Russia
- L-02-SL*** **F. Rossi**, Department of Physics, Earth and Environmental Sciences, University of Siena, Italy
- O-01-SL*** **N. Djokovic**, University of Belgrade, Faculty of Pharmacy, Department of Pharmaceutical Chemistry, Serbia
- O-02-SL*** **J.J. Lazarević**, Center for Solid State Physics and New Materials, Institute of Physics Belgrade, University of Belgrade, Serbia
- O-03-SL*** **I. Đorđević**, University of Belgrade, Institute of Chemistry, Technology and Metallurgy, National Institute of the Republic of Serbia, Serbia

Regular lecturers

- C-02-O** **S.A. Stepanenko**, Federal Research Center Boreskov Institute of Catalysis SB RAS, Russia.
- C-03-O** **T. Basuki**, Research center for nuclear material and radioactive waste technology, National research and innovation agency (BRIN), Indonesia
- D-06-O** **L. Negrojević**, Université Libre de Bruxelles, Nonlinear Physical Chemistry Unit (NLPC), Belgium
- D-07-O** **A. Hedrih**, Department of Mechanics, Mathematical Institute of Serbian Academy of Sciences and Arts (MI SANU), Serbia
- F-02-O** **X. Xu**, Nanjing University of Science and Technology, School of Chemistry and Chemical Engineering, China
- H-03-O** **T. J. Becker**, Department of Engineering and Natural Sciences, University of Applied Sciences Merseburg; Faculty of Chemistry and Mineralogy, Institute of Bioanalytical Chemistry, Leipzig University, Germany
- H-04-O** **S. Slimani**, Department of Chemistry and Industrial Chemistry, University in Genova; Institute of Structure of Matter, National Research Council, nM2-Lab, Roma, Italy.
- H-05-O** **N. Némét**, Department of Physics, Institute of Physics, Budapest University of Technology and Economics, Hungary
- H-06-O** **S. Zverev**, Disinfectology Institute of F.F. Erisman FSCH of Rospotrebnadzor, Russia
- K-02-O** **J. Milojković**, Institute for Technology of Nuclear and Other Mineral Raw Materials, Serbia.
- O-04-O** **B. Stanković**, University of Belgrade, Vinča Institute of Nuclear Sciences – National Institute of the Republic of Serbia, Serbia.

FINAL PROGRAM

Monday, September 23rd

Opening Ceremony

09:30 AM - 10:00 AM

Slobodan Anić

President of the Society of Physical Chemists of Serbia

Željko Čupić

University of Belgrade, Institute of Chemistry,
Technology and Metallurgy

Chairperson: dr Željko Čupić

10:00 AM - 10:40 AM **PL-01**

L. J. Prins

Towards active matter: Driving chemical systems away from equilibrium

10:40 AM - 11:20 AM **PL-02**

G. Lente

Analytical solution for multistep schemes in reaction kinetics

11:20 AM - 11:40 AM

Coffee Break

Chairperson: dr Katarina Nikolić

11:40 AM - 12:00 PM **O-01-SL**

N. Djokovic, M. Rahnasto-Rilla, A. Djuric, D. Ruzic, M. Petkovic, T. Srdic-Rajic, M. Lahtela-Kakkonen and K. Nikolic

Development of an integrative platform for design of novel SIRT2 inhibitors

12:00 PM - 12:20 PM **O-02-SL**

J.J. Lazarević, S. Uskoković-Marković, J. Mitrić and N. Lazarević

Investigating temperature-induced phase transitions in atorvastatin using Raman spectroscopy

12:20 PM - 12:40 PM **O-03-SL**

I. Dorđević

Twisted amides: From supramolecular aspect to pharmacological application

12:40 PM - 12:55 PM **O-04-O**

B. Stanković

2D QSAR model for SARS-COV-2 main protease inhibitors

12:55 PM - 02:15 PM **Welcome Cocktail**

Chairperson: dr Vladana Vukojević

02:15 PM - 02:55 PM **PL-03** **J. Dimitrić Marković**
Targeting oxidative stress in disease: A physicochemical perspective

02:55 PM - 03:15 PM **K-01-SL** **S. Tosti**
Thermodynamic analysis of deuterium-based nuclear fusion reactions

03:15 PM - 03:30 PM **K-02-O** **J. Milojković, C. Wurzer, Z. Lopičić, T. Šoštarić, A. Antanasković and O. Masek**
Characterization of biochars derived from myriophyllum spicatum using Fourier transform infrared spectroscopy (FTIR)

03:30 PM - 04:30 PM **POSTER SESSION**

Chairpersons: dr Branislav Stanković, dr Srđan Petrović

Environmental Protection, Forensic Sciences, Geophysical Chemistry,
Radiochemistry, Nuclear Chemistry **(K)**
Free Topic **(S)**

Tuesday, September 24th

Chairperson: dr Željko Čupič

09:00 AM - 09:40 AM **PL-04** **Lj. Gavrilovic, J. P. Pinheiro, S. S. Kazi and J. Meyer**

Ammonia as a hydrogen carrier – benchmark catalysts for ammonia cracking

09:40 AM - 10:20 AM **PL-05** **O.N. Martyanov, S.N. Trukhan, E.V. Morozov and A.M. Chibiryaev**

The stability and evolution of heavy oil systems studied via advanced methods in situ

10:20 AM - 10:40 AM **Coffee Break**

Chairperson: dr Dejan Opsenica

10:40 AM - 11:00 AM **F-01-SL** **V. Vukojević**
Fluorescence correlation spectroscopy (FCS) – 50 years and beyond

11:00 AM - 11:15 AM **F-02-O** **X. Xu, M-H. Xie, S-J. Luo and X. Jia**
Non-imprinted polymers as synthetic antibodies for protein recognition: A perspective from molecular dynamics simulation

11:15 AM - 11:35 AM **E-01-SL** **T. Mudrinić, B.Pantić and P. Banković**
Development of cost-effective electrocatalyst for electrochemical glucose sensors based on aluminum pillared clay—supported cobalt oxide

11:35 AM - 12:00 PM **Coffee Break**

Chairperson: dr Nataša Jović-Jovičić

12:00 PM - 12:20 PM **H-01-SL** **A. Yüksel and Y. K. Recepoğlu**
Comparison of modified cellulose and lignocellulosic biomass for adsorptive recovery of lithium from water: batch and column studies

- 12:20 PM - 12:40 PM **H-02-SL** **N. Trišović**
Self-assembly of bent-core molecules as a route towards functional soft materials
- 12:40 PM - 12:55 PM **H-03-O** **T. J. Becker**, T. Krajnović, V. Gordić, S. Mijatović, D. Maksimović-Ivanić, E. Hey Hawkins and G. N. Kaluđerović
Tetrakis(4-methoxybenzene)tin(IV) immobilised into MCM-41 and SBA-15 mesoporous nanostructures
- 12:55 PM - 01:10 PM **H-05-O** **N. Némét**, G. Holló S. Farkas, G. Schuszter, N. Valletti, F. Rossi and I. Lagzi
Synthesis of zeolitic imidazolate framework-8 (ZIF-8) in time-programmed manner and solid hydrogels
- 01:10 PM - 01:25 PM **H-06-O** **S.A. Zverev**, S.V. Andreev, D.V. Savraeva, A.A. Selivanova, A.S. Zvereva, K.A. Sakharov
Advanced materials against insects and ticks

01:25 PM - 02:30 PM **Lunch Break**

Chairperson: dr Stevan Maćešić

- 02:30 PM - 02:50 PM **L-01-SL** **A. Novikov**, A. Kuchierskaya, D. Kopitsyn, A. Semenov
Liquid-liquid phase equilibria in water-amphiphile-oil ternary systems: Experiment and molecular simulation
- 02:50 PM - 03:10 PM **L-02-SL** M. Itatani, G. Holló, P. Albanese, N. Valletti, S. Kurunczi, R. Horvath, **F. Rossi**, I. Lagzi
Enzymatic reactions in giant vesicles to approach artificial cells

03:10 PM - 04:10 PM **POSTER SESSION**

Chairpersons: dr Bojana Marković, dr Ana Dobrota

Material Science

(H)

Wednesday, September 25th

Excursion on the Danube



Golubac fortress



Lepenski Vir Museum



Sculpture from Lepenski Vir
(Mesolithic: 9500-6000 BC)

List of Mesolithic cultures in Europe			BC
Kunda culture	Baltic, Russia	10500 -7000	
<i>Lepenski Vir</i>	<i>Djerdap,</i> <i>Serbia/Romania</i>	<i>9500-6000</i>	
Tardenoisian	France, Belgium	10000-5000	
Sauveterrian	France	8500-6500	
Ertebolle	Scandinavia	7300-5900	
Irish Mesolithic	Ireland	7530-7320	
Dnjeper - Don kultura	Russia	5000-4000	



The Captain Miša's Hill



Thursday, September 26th

VI Floor

Chairperson: dr Miloš Mojović

10:00 AM - 10:40 AM **PL-6**

S. Macura

Quantitative nuclear magnetic resonance

10:40 AM - 11:40 AM

POSTER SESSION

Chairpersons: dr Sonja Jovanović, dr Ivana Đorđević

Biophysical Chemistry, EPR Investigations of Bio-Systems

(F)

Pharmaceutical Physical Chemistry

(O)

Food Physical Chemistry

(P)

11:40 AM - 12:00 PM

Coffee Break

Chairperson: dr Zoran Jovanović

12:00 PM - 12:40 PM **PL-7**

D. Peddis

Superspin glass: A useless piece of materials

12:40 PM - 01:40 PM

POSTER SESSION

Chairpersons: dr Jelena Senćanski, dr Ivan Stefanović

Organic Physical Chemistry

(G)

Macromolecular Physical Chemistry

(J)

Phase Boundaries, Colloids, Liquid Crystals, Surface-active Substances

(L)

Complex Compounds

(M)

General Physical Chemistry

(N)

Physico-Chemical Analysis

(Q)

Education

(T)

Klub Palace 09.00 – 16.15

WORKSHOP:

Photocatalysis in Environmental Science and Energy Utilisation

Friday, September 27th

Chairperson: dr Maja Pagnacco

- 09:00 AM - 09:40 AM **PL-8** **M.B. Plavsic**, M.M. Plavsic
From classical to soft matter scaling: Thermodynamics
- 09:40 AM - 10:20 AM **PL-9** G. Facchini, M. Budroni, G. Schusztter, F. Brau, and **A. De Wit**
Phyllotactic structures in radially growing pattern forming systems

10:20 AM - 10:40 AM **Coffee Break**

Chairperson: dr Anne De Wit

- 10:40 AM - 11:00 AM **D-01-SL** **I. Schreiber** and J. Červený
Modelling of metabolic oscillations in cyanobacteria
- 11:00 AM - 11:20 AM **D-02-SL** I. Sütő, S. N. Semenov, D. Horváth and **Á. Tóth**
Modeling of thiol waves in two-channel gel reactors
- 11:20 AM - 11:40 AM **D-03-SL** **G. Schmitz**
The oscillating reaction discovered by W. C. Bray occurs in homogeneous solution
- 11:40 AM - 12:00 PM **D-04-SL** **K. Novakovic**, E. Hutchinson, W.M. Lau, T. Abdelghany and K.W. Ng
Chitosan hydrogel based microneedle technology for prolonged release of actives
- 12:00 PM - 12:20 PM **D-05-SL** **S. Maćešić**, A. Ivanović-Šašić, Ž. Čupić
Numerical simulations of spatio-temporal phenomena in Belousov-Zhabotinsky oscillatory reactions

12:20 PM - 12:40 PM **Coffee Break**

Chairperson: dr Ana Ivanović-Šašić

- 12:40 PM - 12:55 AM **D-06-O** **L. Negrojević**, S.N. Maharana and A. De Wit
Curvature-amplified diffusive instability of an autocatalytic reaction-diffusion front – an experimental study

12:55 AM - 01:10 AM **D-07-O** J. Maksimović, **A. Hedrih**, Ž. Čupić, M. Choiński, S. Maćešić and A. Ivanović-Šašić
Modulation of oscillatory patterns in Belousov-Zhabotinsky system

01:10 PM - 02:30 PM **Lunch Break**

02:30 PM - 03:30 PM **POSTER SESSION**
Chairpersons: Hristina Šalipur, Gordana Stevanović

Chemical Thermodynamics (A)
Spectroscopy Molecular Structure, Physical Chemistry of Plasma (B)
Kinetics, Catalysis (C)
Nonlinear Dynamics, Oscillatory Reactions, Chaos (D)
Electrochemistry (E)
Photochemistry, Radiation Chemistry, Photonics (R)

Chairperson: dr Jasmina Dostanić

03:30 PM - 03:50 PM **C-01-SL** **M. Fronczak**
Application of cold plasma deposited materials for hydrogen production: Advancements in photocatalysis

03:50 PM - 04:05 PM **C-02-O** **S.A. Stepanenko**, A.P. Koskin and V.A. Yakovlev
Selective dehydrogenation of methylcyclohexane using tin-modified high-loaded nickel catalysts

04:05 PM - 04:20 PM **C-03-O** **T. Basuki**, S. Permana, S. Nakashima
Hematite/goethite composite formation with enhanced photo-catalytic activity

04:20 PM - 04:35 PM **H-04-O** **S. Slimani**, M. Vasilakaki, E. Dolan, K. N Trohidou, N. Yaacoub, and D. Peddis
Exploring surface effects in hollow iron oxide nanoparticles

Closing session

04:35 PM - 04:50 PM **S. Anić**
President of the Society of Physical Chemists of Serbia

Ž. Čupić
University of Belgrade, Institute of Chemistry, Technology and Metallurgy

POSTERS

(A)	CHEMICAL THERMODYNAMICS
A-01-P	D. Ž. Popović , T. G. Ivanović, J. M. Miladinović, Z. P. Miladinović, J. Nikolić
	<i>THERMODYNAMIC PROPERTIES OF THE AQUEOUS TRIS+TRIS·HCl SOLUTION AT A TEMPERATURE OF 298.15 K</i>
(B)	SPECTROSCOPY MOLECULAR STRUCTURE PHYSICAL CHEMISTRY OF PLASMA
B-01-P	M. Stoiljković , S. Veličković, I. Stajčić, F. Veljković
	<i>THE EFFECT OF THE SURROUNDING GAS ON THE SPECTRA INTENSITY IN THE CHARACTERISATION OF THE ARCHEOLOGICAL COINS USING LIBS</i>
B-02-P	I. Traparić , D. Ranković, D.B. Stankov, J. Savović, M. Kuzmanović, M. Ivković
	<i>OPTIMIZATION OF LASER-INDUCED PLASMA EMISSION FOR ELEMENTAL AND ISOTOPIC ANALYSIS OF HYDROGEN</i>
B-03-P	E. Avdović , S. Jovičić Milić, D. Simijonović, D. Stojković, D. Milenković, Z. Marković
	<i>SYNTHESIS, SPECTROSCOPIC CHARACTERIZATION AND BSA INTERACTIONS OF 3-(1-((4-HYDROXY PENTYLAMINO)ETHYLIDENE)CHROMAN-2,4-DIONE</i>
(C)	KINETICS, CATALYSIS
C-04-P	S. Marinović , N. Jović-Jovičić, M. Ajduković, G. Stevanović, J. Parlić, P. Banković, T. Novaković
	<i>CATALYTIC OXIDATIVE DEGRADATION OF TEXTILE DYES USING COBALT-BASED ALUMINA CATALYSTS</i>
C-05-P	M. Kovačević , M. Simić, K. Stojanović, D. Aćimović, S. Živković, T. Brdarić, D. Vasić Anićijević
	<i>PHOTOCATALYTIC DEGRADATION OF CIPROFLOXACIN WITH IRON-MODIFIED TITAN(IV) OXIDE</i>
C-06-P	M. Simić , D. Aćimović, M. Kovačević, K. Stojanović, B. Savić Rosić, D. Vasić Anićijević, T. Brdarić
	<i>IMPACT OF INITIAL CONCENTRATION OF H₂O₂ ON BPA DEGRADATION EFFICIENCY BY FENTON REAGENT</i>

C-07-P	M. Simić, M. Kovačević, K. Stojanović, M. Ječmenica Dučić, D. Vasić Aničijević, T. Brdarić, D. Aćimović
	<i>PREDICTION OF BISPHENOL A DEGRADATION PATHWAYS DURING ELECTROCHEMICAL OXIDATION</i>
C-08-P	K. Milošević, D. Lončarević, M. Kalagasidis Krušić, M. Hadnađev-Kostić, J. Dostanić
	<i>GREEN g-C₃N₄/CMC/SA HYDROGEL FOR PHOTOCATALYTIC WASTEWATER REMEDIATION</i>
C-09-P	S. Mičić, J. Rupar, A. Janošević Ležaić, N. Pejić
	<i>EFFECT OF QUERCETIN ON MICELAR PROPERTIES OF CETYLTRIMETHYLAMMONIUM BROMIDE IN ETHANOL-WATER MIXTURES: A CONDUCTIVITY STUDY</i>
C-10-P	J. Parlić, S. Marinović, M. Ajduković, P. Banković, J. Krstić, B. Nedić-Vasiljević, N. Jović-Jovičić
	<i>THE EFFECT OF THE CARBONIZATION TEMPERATURE ON THE CATALYTIC ACTIVITY OF Co-BASED CARBONIZED HYBRID CLAY NANOCOMPOSITE</i>
C-11-P	J. Parlić, G. Stevanović, M. Ajduković, B. Dojčinović, B. Pantić, T. Mudrinić, N. Jović-Jovičić
	<i>ADVANCED OXIDATIVE DEGRADATION OF ANTHRAQUINONE-DYE IN THE PRESENCE OF CARBONIZED HYBRID CLAY COMPOSITE AS Co SUPPORT: KINETIC AND THERMODYNAMIC STUDY</i>
C-12-P	H. Šalipur, K. M. Kamal, A. Prašnikar, M. Huš, M. Fronczak, J. Dostanić, D. Lončarević
	<i>INFLUENCE OF ALCOHOLS AS SACRIFICIAL AGENTS IN PHOTOCATALYTIC HYDROGEN PRODUCTION OVER Pt-N/TiO₂</i>
(D)	NONLINEAR DYNAMICS, OSCILLATORY REACTIONS, CHAOS
D-08-P	K. Perić, I. N. Bujanja, D. Stanisavljev
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D-09-P	E. P. Zemskov
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D-10-P	J. Maksimović, K. Stevanović, M. Simović-Pavlović, J. Senćanski, M. Pagnacco
	<i>AN ALTERNATIVE WAY OF PRESENTING THE TEMPERATURE DEPENDENCE IN THE BRIGGS-RAUSCHER OSCILLATORY REACTION</i>
D-11-P	J. Maksimović, Ž. Čupić, A. Ivanović-Šašić, S. Maćešić, N. Manojlović
	<i>INVESTIGATION OF THE EFFECT OF EVERNIC ACID ON TWO IODATE-BASED OSCILLATORY REACTIONS: BRAY-LIEBHAFSKY AND BRIGGS-RAUSCHER</i>
(E)	ELECTROCHEMISTRY
E-02-P	T. Novaković, P. Banković, Z. Mojović
	<i>ELECTROCHEMICAL BEHAVIOR OF ALUMINA-Cu BASED ELECTRODE IN THE ALKALINE SOLUTION</i>
E-03-P	A. Radosavljević, J. Spasojević, I. Vukoje, M. Milošević, Z. Mojović
	<i>FLEXIBLE COMPOSITE ELECTRODE OF POLY(VINYL ALCOHOL) AND CARBON BLACK</i>
E-04-P	B. Pantić, S. Marinović, G. Stevanović, R. Petrović, J. Krstić, T. Mudrinić
	<i>ELECTROCHEMICAL PERFORMANCE OF IRON-DOPED COBALT OXIDE CATALYST SUPPORTED ON ALUMINUM-PILLARED CLAY TOWARD GLUCOSE OXIDATION</i>
E-05-P	S. Brković, P. Laušević, I. Perović, M. Seović, M. Pijović Radovanović, J. Georgijević, N. Zdolšek
	<i>A NOVEL DUAL-DOPED CARBON ELECTROCATALYST FOR ENHANCED OXYGEN REDUCTION REACTION</i>
E-06-P	S. Mitrović, S. Brković, M. Seović, N. Zdolšek, P. Laušević, M. Pijović Radovanović, I. Perović
	<i>SUSTAINABLE METAL RECOVERY: CPU RECYCLING FOR ENHANCED HYDROGEN EVOLUTION REACTION</i>
E-07-P	M. Seović, S. Brković, N. Zdolšek, P. Laušević, S. Mitrović, J. Georgijević, I. Perović
	<i>FROM PEEL TO POWER: ACTIVATED CARBON FOR SUPERCAPACITORS FROM LEMON PEEL WASTE</i>
E-08-P	M. Aleksić, M. Jovanović, M. Čarapić, K. Nikolic
	<i>SQUARE WAVE VOLTAMMETRIC METHOD FOR ERLOTINIB DETERMINATION AT DNA MODIFIED GLASSY CARBON ELECTRODE</i>
E-09-P	M. Aleksić, J. Rupar, N. Vučković, L. Kováčiková, A. Boháč, V. Dobričić
	<i>ELECTROCHEMICAL BEHAVIOR AND INTERACTION OF THE NEWLY SYNTHESIZED POTENTIAL ALDOSE REDUCTASE INHIBITOR WITH HUMAN SERUM ALBUMIN IN THE PRESENCE OF POLYSORBATE 80</i>

E-10-P	K. Joksimović, A. Žerađanin, I. Kodranov, D. Manojlović, S. Spasić, D. Rjelović, V. Beškoski
	<i>APPLICATION OF MICROBIAL FUEL CELLS FOR THE ELECTROCHEMICAL DECOLORIZATION OF ACID YELLOW 99 DYE</i>
(F)	BIOPHYSICAL CHEMISTRY, EPR INVESTIGATIONS OF BIO-SYSTEMS
F-03-P	J. Milić, B. Pantelić, G. Dević, J. Avdalović, M. Ilić
	<i>CHARACTERISATION OF MICROBIAL COMMUNITIES IN PETROLEUM-CONTAMINATED SOIL</i>
F-04-P	D. Pirić, R. Masnikosa
	<i>PERFORMANCE OF RANDOM FORESTS, EXTREME GRADIENT BOOSTING AND SUPPORT VECTOR MACHINES EMPLOYED IN LIPIDOMICS</i>
F-05-P	D. Pirić, V. Vasić, R. Masnikosa
	<i>RANDOMIZATION VERSUS POPULATION MODELS EMPLOYED IN LIPIDOMIC DATA ANALYSIS</i>
F-06-P	Đ. Nakarada, M. Radulović, M. Mojović
	<i>LIPOSOMAL FORMULATIONS OF ORIGANUM DICTAMNUS EXTRACTS FOR IMPROVED THERAPEUTIC EFFICACY – AN EPR STUDY</i>
F-07-P	Đ. Nakarada, U. Glavinić, M. Ristanić, M. Popović, J. Stevanović, Z. Stanimirović, M. Mojović
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F-08-P	Đ. Nakarada, T. Tomašević, A. Dragičević, D. Mitić, A. Savić, M. Mojović
	<i>ELECTROCHEMICAL AND EPR CHARACTERIZATION OF STEM CELLS FOR APPLICATIONS IN REGENERATIVE MEDICINE</i>
F-09-P	I. Guševac Stojanović, J. Martinović, Z. Stojanović, K. Bobić, J. Miletić Vukajlović, N. Đorđević, D. Drakulić
	<i>PROGESTERONE TREATMENT INCREASES PROGESTERONE RECEPTOR EXPRESSION IN MALE RATS WITH CEREBRAL HYPOPERFUSION</i>
(G)	ORGANIC PHYSICAL CHEMISTRY
G-01-P	S. S. Konstantinović, J. Savić, D. Z. Troter
	<i>SYNTHESIS OF VANILLIN-THIOSEMICARBAZONE IN ETHANOLIC SOLUTION OF CITRIC ACID UNDER Milder CONDITIONS</i>
G-02-P	A.V. Knyazev, V.N. Emel'yanenko, D.H. Zautsau, V.V. Turovtsev, N.N. Smirnova, S.S. Knyazeva
	<i>CHEMICAL THERMODYNAMICS OF THEOPHYLLINE</i>

G-03-P	A. Rašović , V. A. Blagojević
	<i>AN EXTENDED STUDY OF THE APPLICATION OF THE BARRIERS TO ROTATION AROUND THE C=C BOND OF 2-ALKYLIDENE-4-OXOTHIAZOLIDINES TO QUANTIFY THEIR PUSH-PULL EFFECT UNDER SOLVENT CONDITIONS</i>
G-04-P	A. Rašović , V. A. Blagojević
	<i>THE C(2)C(2') SINGLE BOND LENGTHS OF THE TRANSITION STATES IN THE CONFIGURATIONAL ISOMERIZATION OF 2-ALKYLIDENE-4-OXOTHIAZOLIDINES BY THE MEANES TO QUANTIFY THEIR PUSH-PULL EFFECT UNDER SOLVENT CONDITIONS</i>
G-05-P	A. Rašović , V. A. Blagojević
	<i>THE CORRELATION BETWEEN THE C(2)C(2') SINGLE BOND LENGTHS OF THE TRANSITION STATES AND BARRIERS TO ROTATION AROUND THE C(2)C(2') DOUBLE BOND OF GROUND STATES IN THE CONFIGURATIONAL ISOMERIZATION OF 2-ALKYLIDENE-4-OXOTHIAZOLIDINES</i>
G-06-P	F. Veljković , B. Božić, M. Stoiljković, I. Stajčić, B. Janković, M. Janković, S. Veličković
	<i>DETECTION OF OXA COMPLEX CONTAINING MANGANESE IONS BY LDI MASS SPECTROMETRY</i>
(H)	MATERIAL SCIENCE
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	<i>IN VITRO RELEASE STUDY OF DICLOFENAC SODIUM FROM TEMPERATURE-RESPONSIVE POLY(OLIGO(ALKYLENE GLYCOL)) METHACRYLATE HYDROGEL MATRICES</i>
H-08-P	Z. R. Miladinović , M. Krstić, G. Stamboliev, E. Suljovrujić
	<i>DETERMINATION OF THE VOLUME PHASE TRANSITION TEMPERATURE OF SMART HYDROGELS WITH ETHYLENE GLYCOL AND PROPYLENE GLYCOL PENDANT CHAINS</i>
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	<i>SYNTHESIS AND CHARACTERIZATION OF DYSPROSIUM-DOPED FLUORAPATITE BY A COPRECIPITATION METHOD</i>
H-11-P	D. Mašojević , V. Vodnik, M. Kokunešoski, S. Davidović, I. Vukoje, J. Spasojević, U. Stamenović
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H-12-P	K. Teletina, N. Fišić, M. Ranković, J. Rupar, M. Milojević-Rakić, A. Jevremović
	<i>INVESTIGATION OF THE RELEASE OF NOVEL ACRIDINE DERIVATIVE SUPPORTED ONTO γ ZEOLITE</i>
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	<i>REAL-TIME PHOTORESPONSIVE CHITOSAN FOR DIRECT LASER WRITING OF MICROSTRUCTURES</i>
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H-18-P	M.G. Nikolić , A. Randelović, D.M. Đorđević, G.M. Nikolić
	<i>THE INFLUENCE OF $Mn(II)$ IONS ON THE FORMATION AND CHARACTERISTICS OF PRODUCTS RESULTING FROM PROLONGED AUTOXIDATION OF CATECHOL IN AQUEOUS SOLUTION</i>
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	<i>SYNTHESIS AND CHARACTERIZATION OF BASIC BISMUT NITRATE PHOTOCATALYST</i>
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	<i>EFFICIENT PRODUCTION OF TWO-DIMENSIONAL PYROPHYLLITE THROUGH LIQUID-PHASE EXFOLIATION</i>
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H-25-P	S. Milutinović-Smiljanić, V. Ilić, A. Despotović, J. Simonović, V. Biočanin, K. Janjetović, N. Zogović, V. Danilović, D.J. Antonijević
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H-26-P	B. Bekić, J. Lazarević, M. Spasenović, T. Tomašević-Ilić
	<i>WETTABILITY OF LANGMUIR-BLODGETT FILMS FROM SIZE-SELECTED LIQUID PHASE EXFOLIATED GRAPHENE FLAKES</i>
H-27-P	Dj. Antonijević, A. Despotović, V. Ilić, D. Četković, A. Dožić, K. Janjetović, N. Zogović, S. Milutinović-Smiljanić
	<i>THE INTERACTION OF MAGNESIUM SILICATE-BASED EXPERIMENTAL DENTAL CEMENTS WITH BLOOD PLASMA AND L929 CELLS: WETTABILITY AND CELL MORPHOLOGY EVALUATION</i>
H-28-P	I. Stajčić, F. Veljković, S. Veličković, M. Čurčić, M. Stoiljković, V. Radojević, A. Stajčić
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H-29-P	M. Pejčić, Ž. Mravik, M. Grujičić, M. Jelić, D. Petković, J. Rmuš Mravik, P. Stolić, S. Jovanović, Z. Jovanović
	<i>INFLUENCE OF MODIFICATION METHODS ON THE SURFACE CHEMISTRY OF GRAPHENE OXIDE COMPOSITE WITH PERYLENETETRACARBOXYLIC DIANHYDRIDE</i>
H-30-P	B. Gaković, C. Siogka, B. Sagbas, S. Petrović
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H-31-P	D. Stoyanova, I. Stambolova, P. Markov, O. Dimitrov, R. Mladenova, M. Shipochka
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(J)	MACROMOLECULAR PHYSICAL CHEMISTRY
J-01-P	J. V. Džunuzović, I. S. Stefanović, E. S. Džunuzović, C. Marega
	<i>THERMAL DEGRADATION KINETICS OF URETHANE AND UREA LINKAGES OF WATERBORNE POLYURETHANES</i>
J-02-P	J. V. Džunuzović, I. S. Stefanović, E. S. Džunuzović, C. Marega
	<i>APPLICATION OF MODEL FITTING METHODS TO STUDY THERMAL DEGRADATION OF WATERBORNE POLYURETHANES AT LATE STAGES</i>

J-03-P	I. S. Stefanović , J. V. Džunuzović, D. V. Randjelović, E. S. Džunuzović, A. Basagni, C. Marega
	<i>MORPHOLOGY OF THE POLYURETHANE COMPOSITES BASED ON TiO₂ NANOPARTICLES</i>
J-04-P	J. Senčanski , N. Nikolić, J. Jovanović, S. Blagojević, M. Pagnacco, I. Stojković Simatović
	<i>AN EXAMINATION OF Cr DOPPED ZnMn₂O₄ IN NA AQUEOUS SOLUTION OF ZnCl₂</i>
J-05-P	B. Lončarević , G. Gojgić Cvijović, M. Lješević, N. Lugonja, N. Petronijević, V. Beškoski, J. Nikodinović-Runić
	<i>PRODUCTION OF EXOPOLYSACCHARIDES USING BIS(2-HYDROHYETHYL) TEREPHTALATE DEGRADING BACTERIA</i>
J-06-P	G. Gojgić Cvijović, B. Lončarević , B. Nastasijević, N. Lugonja, A. Žerađanin, N. Petronijević, V. Beškoski
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J-07-P	T. T. Tadić , Lj. T. Suručić, A. B. Nastasović, S. S. Bulatović, N. Ž. Nedić, A. E. Onjia, B. M. Marković
	<i>COMPETITIVE COPPER, CADMIUM, AND NICKEL IONS REMOVAL FROM AQUEOUS SOLUTION USING AMINO-MODIFIED MAGNETIC POLYMER SORBENT</i>
J-08-P	B. M. Marković , T. T. Tadić, Z. P. Sandić, S. S. Bulatović, N. Ž. Nedić, S. P. Petrović, A. B. Nastasović
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J-09-P	M. M. Plavšić , M. B. Plavšić
	<i>SOME PHYSICO-CHEMICAL ASPECTS OF SCALING APPROACHE TO (TECHNOLOGICAL) UNIT OPERATIONS</i>
(K)	ENVIRONMENTAL PROTECTION, FORENSIC SCIENCES, GEOPHYSICAL CHEMISTRY, RADIOCHEMISTRY, NUCLEAR CHEMISTRY
K-03-P	J. Obradović , M. Obradović, A. Onjia
	<i>AIR QUALITY ASSESSMENT IN BELGRADE: SPATIAL AND TEMPORAL VARIATIONS</i>
K-04-P	M. Obradović , A. Daković, D. Smiljanić, M. Marković, M. Ožegović
	<i>ENHANCED ADSORPTION OF EMERGING CONTAMINANT DICLOFENAC SODIUM BY ZEOLITE MODIFIED WITH CATIONIC SURFACTANT</i>
K-05-P	T. Šoštarić , Z. Lopičić, D. Randelović, T. Rakić, A. Antanasković, I. Mikavica, J. Milojković
	<i>PLANT GROWING SITE CHARACTERISTICS – AN INPORTANT FACTOR FOR BIOMASS SELECTION</i>
K-06-P	N. Karić, M. Vukčević , M. Maletić, A. Perić Grujić, K. Trivunac
	<i>MODIFIED POTATO STARCH INTERCALATED WITH MONTMORILLONITE AS A NATURAL ADSORBENT FOR THE REMOVAL OF HEAVY METALS AND DYES FROM WATER</i>

K-07-P	T. Radojičić, M. Maletić, M. Vukčević , K. Trivunac
	<i>ALKALI-ACTIVATED FLY ASH: A SUSTAINABLE ADSORBENT FOR YTTRIUM REMOVAL FROM WATER</i>
K-08-P	M. Vukčević , M. Maletić, A. Kalijadis, D. Stojanović, P. Uskoković
	<i>HYDROTHERMAL CARBONS MODIFIED WITH GRAPHENE OXIDE AS ADSORBENTS FOR METHYLENE BLUE</i>
K-09-P	J. Vesković , A. Onjia
	<i>IDENTIFICATION AND ALLOCATION OF HEAVY METAL POLLUTION SOURCES IN GROUNDWATER NEAR LADJEVCI AIRPORT USING POSITIVE MATRIX FACTORIZATION RECEPTOR MODEL</i>
K-10-P	Đ. Petrović , Z. Eraković, K. Kumrić, S. Ilić-Stojanović, K. Stanković, R. Vujasin, M. Erečić
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	<i>HUMAN HEALTH RISK ASSESSMENT OF ARTIFICIAL SWEETENERS DETECTED IN WELL WATER</i>
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	<i>DETERMINATION OF GROWTH PROMOTER PROGESTERONE IN CHICKEN EGGS</i>
K-13-P	D. Smiljanić , A. Daković, M. Obradović, M. Marković, M. Ožegović, I. Dimitrijević, Ž. Mravik
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	<i>THE NICKEL SORPTION CAPACITY OF THE ARAGONITE-BASED SHELLS OF ARCA NOAE</i>
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K-19-P	Đ. Cvjetinović , J. Petrović, Z. Talip, D. Schumann
	<i>REMOVAL OF 101RH FROM MIXED HNO₃/HCl MATRIX</i>

K-20-P	V. Milanković, T. Tasić, J. Mušović, D. Tekić, S. Marić , A. Jocić, A. Dimitrijević, T. Lazarević-Pašti
	<i>BIOWASTE-DERIVED CARBON MATERIAL AS AN EFFECTIVE ADSORBENT FOR REMOVING ANTIBIOTICS FROM WASTEWATER</i>
K-21-P	D. Tekić, S. Marić , A. Jocić, J. Mušović, T. L. Pašti, T. Tasić, V. Milanković, A. Dimitrijević
	<i>INNOVATIVE APPROACH TO REGENERATE ACTIVATED CARBON ADSORBING CHLORPYRIFOS USING SALICYLATE IONIC LIQUID AQUEOUS SOLUTIONS</i>
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	<i>INVESTIGATION OF POLYPHENOLS PARTITION IN AQUEOUS TWO-PHASE SYSTEMS WITH COPOLYMER AND IONIC LIQUID</i>
K-23-P	Z. Lopičić , M. Došić, T. Šoštarić, A. Antanasković, V. Adamović, D. Smiljanić, J. Milojković
	<i>FTIR ANALYSIS OF MODIFIED BIOCHAR PRODUCED FROM THE PLUM STONE BIOWASTE</i>
K-24-P	B. Stanković , F. Marinković
	<i>A NOVEL METHODOLOGY FOR DESIGN OF QSAR MODEL: MUTAGENICITY OF NITROAROMATIC COMPOUNDS</i>
K-25-P	M. Marković , M. Kuzmanović, I. Pašti, D. Bajuk-Bogdanović, D. Ranković, D. Dimić
	<i>EFFECTS OF HYDROCHLORIC, HYDROFLUORIC, AND ACETIC ACID ON PIG BONE ESTIMATED BY FTIR, RAMAN, LIBS, AND SEM-EDX</i>
(L)	PHASE BOUNDARIES, COLLOIDS, LIQUID CRYSTALS, SURFACE-ACTIVE SUBSTANCES
L-03-P	S. M. Blagojević , N. Pejić, S. N. Blagojević
	<i>THE INFLUENCE OF SURFACTANT TYPE ON DEGREASING EFFICIENCY OF LIQUID DETERGENTS</i>
(M)	COMPLEX COMPOUNDS
M-01-P	T. B. Vlašković, B. B. Petković , B. Laban, M. Čebela, M. Rosić
	<i>INVESTIGATION OF CATALYTIC AND ELECTROCHEMICAL PROPERTIES OF PEROVSKITE $Ca_{0.9}Er_{0.1}MnO_3$</i>
M-02-P	M. Marković , M. Ognjanović, B. B. Petković
	<i>ELECTROCHEMICAL AND ENZYME-LIKE ACTIVITY OF SELECTED BTC MOF-DERIVED METAL OXIDE NANOPARTICLES</i>
M-03-P	M. Ristić, S. Samaržija- Jovanović, T. Jovanović, M. Krstić, B. B. Petković , V. Jovanović, M. Marinović-Cincović
	<i>HYDROLYTIC AND THERMAL STABILITY OF UREA-FORMALDEHYDE COMPOSITES BASED ON CHITOSAN AND ZEOLITE ZSM-5</i>

M-04-P	M. Mirković , F. Belaj, M. Perić, D. Stanković, M. Radović, Z. Milanović, S. Vranješ-Đurić, D. Janković, Lj.E. Mihajlović-Lalić
	<i>DEVELOPMENT OF Cu(II)-MESO-HMPAO COMPLEX AS A MODEL FOR POTENTIAL ⁶⁴Cu RADIOPHARMACEUTICALS</i>
M-05-P	M. Perić , M. Radović, M. Mirković, Z. Milanović, D. Janković, A. Vukadinović, S. Vranješ-Đurić, D. Stanković
	<i>DFT STUDY OF HYPERFINE COUPLINGS IN D METAL COMPLEXES WITH TETRAHYDRO BORATE LIGANDS</i>
M-06-P	B. Dražić , M. Antonijević Nikolić, V. Stanić, V. Stojiljković, S. Tanasković
	<i>CYTOTOXIC ACTIVITY OF AMINOCARBOXYLATE MACROCYCLIC Cu(II) COMPLEXES</i>
M-07-P	L. Golubović, V. Jevtović, A. Rakić, D. Dimić, J. Dimitrić Marković
	<i>CRYSTALLOGRAPHIC AND HIRSHFELD SURFACE ANALYSIS OF TWO COPPER(II) PYRIDOXAL-AMINOGUANIDINE COMPLEXES CONTAINING DIFFERENT COUNTERIONS (NO₃⁻ and SO₄²⁻)</i>
(N)	GENERAL PHYSICAL CHEMISTRY
N-01-P	G.M. Nikolić , J.V. Živković, M.V. Grigorov, M.G. Nikolić
	<i>SALTING-OUT AND SYNERGISM IN THE EXTRACTION OF ACETYLSALICYLIC ACID FROM AQUEOUS SOLUTIONS</i>
(O)	PHARMACEUTICAL PHYSICAL CHEMISTRY
O-05-P	M. B. Čolović , J. J. Žakula, L. B. Korićanac, N. Savić, T. Parac-Vogt, D. Z. Krstić
	<i>THE INFLUENCE OF ASCORBATE ON ANTI-HUMAN MELANOMA ACTION OF A MONOLACUNARY WELLS-DAWSON NANOCLUSTER</i>
O-06-P	D. Z. Krstić, J. J. Žakula, L. B. Korićanac, N. Savić, T. Parac-Vogt, M. B. Čolović
	<i>ANTI-HUMAN MELANOMA ACTIVITY OF FE(III)-CONTAINING WELLS-DAWSON POLYANION: THE EFFECT OF ASCORBATE</i>
O-07-P	J. J. Žakula, M. B. Čolović , L. B. Korićanac, N. Savić, T. Parac-Vogt, D. Z. Krstić
	<i>SIMULTANEOUS EFFECT OF A WELLS-DAWSON POLYOXYOTUNGSTATE AND ASCORBATE ON CERVICAL CARCINOMA</i>
O-08-P	M. Popović-Nikolić , S. Oljačić, G. Popović, K. Nikolić
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O-09-P	M. Popović-Nikolić , S. Oljačić, G. Popović, K. Nikolić
	<i>UNDERSTANDING THE EFFECT OF DIFFERENTLY CHARGED MICELLES ON THE IONIZATION OF RALOXIFENE</i>

O-10-P	M. Popović-Nikolić, S. Oljačić, G. Popović, K. Nikolić
	<i>ACID BASE EQUILIBRIA OF OLOPATADINE IN AQUEOUS MEDIA</i>
O-11-P	D. Jovanović, A. Filipović, Z. Džambaski, B. P. Bondžić, A. M. Bondžić
	<i>INVESTIGATION OF THE SUBSTITUTION EFFECT ON THE LOGP_{OW} OF BIOLOGICALLY ACTIVE N-ARYL-TETRAHYDROISOQUINOLINE DERIVATIVES USING RP-UPLC METHOD</i>
O-12-P	M. Vučkovski, A. Filipović, Z. Džambaski, B. Bondžić, A. M. Bondžić
	<i>INVESTIGATION OF THE CHELATING ABILITY OF TETRAHYDROISOQUINOLINE-DERIVATIZED QUERCETIN TOWARDS BIOMETALS RELATED TO ALZHEIMER'S DISEASE</i>
O-13-P	D. Stanković, M. Radović, M. Mirković, Z. Milanović, A. Stanković, M. Mijović, M. Ognjanović, D. Janković, A. Vukadinović, B. Antić, S. Vranješ-Đurić, M. Savić, Ž. Prijović
	<i>SYNTHESIS, CHARACTERIZATION AND IN VIVO BEHAVIOR OF ¹⁷⁷Lu-DMSA-SPIONS</i>
O-14-P	N. Đoković, V. Marković, K. Nikolić
	<i>MOLECULAR DYNAMICS EXAMINATION OF THE CRYPTIC SUBPOCKET OF SIRTUIN 2</i>
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O-16-P	M. Beljkaš, E. Kukić, N. Đoković, K. Nikolić, S. Oljačić
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O-18-P	K. Stevanović, S. Glišić, M. Senćanski
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O-19-P	D. Krajišnik, S. Uskoković-Marković, A. Daković, M. Marković
	<i>CHITOSAN-CLAY COMPOSITES AS POTENTIAL CARRIERS FOR TETRACYCLINE: INFLUENCE OF POLYMER-CLAY MASS RATIO</i>
O-20-P	M. Antonijević-Nikolić, K. Popović, J. Đuričić-Milanković, D. Ranković, B. Dražić, S. Tanasković
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O-21-P	M. Petrović, U. Gašić, M. Natić, S. Veljović
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P-02-P	N. Lugonja, B. Lončarević , V. Marinković, Marija Lješević, Aleksra Žerađanin, J. Milić <i>IODIDE CONCENTRATION IN INFANT FOOD: INSIGHTS FROM A COMPARATIVE STUDY</i>
P-03-P	M. Petrović , D. Radić, M. Jovanović, T. Šolević Knudsen <i>CHEMICAL COMPOSITION AND ANTIMICROBIAL PROPERTIES OF ANISEED ESSENTIAL OIL</i>
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(Q)	PHYSICO-CHEMICAL ANALYSIS
Q-1-P	B. Savić , J. Vujin, T. Tripković, J. Ciganović, I. R. Milošević, I. Živković, T. Tomašević-Ilić <i>PHYSICO-CHEMICAL INVESTIGATION OF XVI CENTERY FRESCO-PAINTINGS FROM MONASTERY CRNA REKA</i>
(R)	PHOTOCHEMISTRY, RADIATION CHEMISTRY, PHOTONICS
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R-03-P	B. Vasiljević , J. Prekodravac, I. Vukoje, A. Radosavljević, D. Marinković <i>STABILITY AND GAMMA RAYS-INDUCED CHANGES ON OPTICAL AND PHYSICO-CHEMICAL FEATURES OF ZINC PHTHALOCYANINE</i>

(S)	FREE TOPIC
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S-06-P	J. Miletić Vukajlović, K. Bobić, J. Filipović Tričković, A. Valenta Šobot, J. Martinović, I. Guševac Stojanović, S. Pejić <i>COMPARATIVE STUDY OF TiO₂ AND SURFACE-MODIFIED TiO₂ ON REDOX AND LIPID PARAMETERS IN HUMAN FIBROBLAST CELLS</i>
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(T)	EDUCATION
T-01-P	T. Halaši, S. S. Kalamković, M. Ž. Kalamković, J. M. Kalamković <i>MARIA GOEPPERT MAYER</i>
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