

CURRICULUM VITAE

PATRINA PARASKEVOPOULOU, PhD

Professor

Department of Chemistry

National and Kapodistrian University of Athens, Greece

TABLE OF CONTENTS

PERSONAL INFORMATION.....	1
EDUCATION.....	1
<i>Formal Education</i>	1
<i>Training and Certificates</i>	1
<i>Foreign Languages</i>	1
PROFESSIONAL EXPERIENCE	2
AWARDS AND SCHOLARSHIPS.....	2
RESEARCH	2
<i>Research Interests</i>	2
<i>Funded Projects</i>	3
TEACHING.....	4
<i>Pre-tenure track appointment (1998-2009)</i>	4
<i>Post-tenure track Appointment (2009-present)</i>	4
<i>Lecture and Laboratory Courses</i>	4
<i>Development of Educational Material</i>	5
<i>Theses Supervised</i>	6
SERVICE.....	6
<i>To the Department and the University</i>	6
<i>To the Scientific Community</i>	7
PUBLICATIONS	9
<i>Theses and Dissertations</i>	9
<i>Research Papers</i>	9
<i>Patent Application</i>	14
<i>Review Articles</i>	14
<i>Book Chapters</i>	14
<i>Publication in Conference Proceedings (American Physical Society)</i>	15
PRESENTATIONS	15
<i>Invited Lectures</i>	15
<i>Contributed Presentations</i>	15

PERSONAL INFORMATION

Full name **Patrina Paraskevopoulou**
Date and place of birth August 14, 1976, Athens, Greece
Nationality Greek
Work address Laboratory of Inorganic Chemistry, Department of Chemistry,
National and Kapodistrian University of Athens
Panepistimiopolis Zografou, 15771, Athens, Greece
Tel.: +30-210-727-4381/-4499
E-mail: paraskevopoulou@chem.uoa.gr
webpage: <http://users.uoa.gr/~paraskevopoulou/index.html/web/>
[Google Scholar](#) [ORCID](#) [SCOPUS](#) [Web of Science](#)

EDUCATION

Formal Education

- 2003 Ph.D. in Chemistry; Department of Chemistry, N.K.U.A.: Thesis title: "Synthesis and Characterization of Trinuclear Clusters of Rhenium. Applications in the Selective Hydrolysis of Nitriles and Oxidation of Alcohols". Scientific Advisor: Prof. K. Mertis. Grade: Excellent.
- 2000 M.Sc. in Inorganic Chemistry and Technology; Department of Chemistry, N.K.U.A. Thesis title: "Study of the Chemical Reactivity of Halogenated Rhenium Clusters. Selective Hydrolysis of Nitriles to Amides". Scientific Advisor: Prof. K. Mertis. Grade: 9.87/10.
- 1998 B.Sc. in Chemistry; Department of Chemistry, N.K.U.A. Grade: 8.06/10. Ranked second in the class of 1998.

Training and Certificates

1. Training for liquid NMR operation and techniques (Bruker, 16-19/7/2019, Athens, Greece).
2. HPLC/UHPLC "Kinetex™ Core-Shell Technology" (Phenomenex, 2010, Athens, Greece).
3. "New Horizons for Chromatography" (Merck, 2008, Athens, Greece).
4. Electrochemistry (Graduate Course in theory and appl in electrochemistry, 1/2007-5/2007, Missouri University of Science & Technology (formerly the University of Missouri-Rolla), Rolla, MO, U.S.A.).
5. "Improvements and Troubleshooting in Gas Chromatography" (METROLAB, 2007, Athens, Greece).
6. "Mass Spectrometry" (VARIAN, 2002, Athens, Greece).
7. "Atomic Spectrometry & Chromatography – Mass Spectrometry" (VARIAN, 2002, Athens, Greece).

Foreign Languages

- English (Proficiency, University of Cambridge)
- German (Mittelstufe, Göthe Institut)
- French

PROFESSIONAL EXPERIENCE

- 12/2023- Professor of Inorganic Chemistry, Department of Chemistry, N.K.U.A., Greece.
- 9/2019-12/2023 Associate Professor of Inorganic Chemistry, Department of Chemistry, N.K.U.A., Greece.
- 5/2015-9/2019 Assistant Professor of Inorganic Chemistry, Department of Chemistry, N.K.U.A., Greece.
- 9/2009-5/2015 Lecturer of Inorganic Chemistry - Catalysis, Department of Chemistry, N.K.U.A., Greece.
- 9/2008-8/2009 Postdoctoral Researcher, Department of Chemistry, N.K.U.A., Greece.
- 3/2008-8/2008 Lecturer (under contract according to P.D. 407/80), Department of Chemistry, N.K.U.A., Greece.
- 7/2007-2/2008 Postdoctoral Researcher, Department of Chemistry, N.K.U.A., Greece.
- 6/2006-6/2007 Postdoctoral Fellow, Department of Chemistry, Missouri University of Science & Technology (formerly the University of Missouri-Rolla), Rolla, MO, U.S.A.
- 9/2003-5/2006 Postdoctoral Researcher, Department of Chemistry, N.K.U.A., Greece.

AWARDS AND SCHOLARSHIPS

- Ecotrophelia Greece 2023, 3rd prize (06/2023).
- CAS REGISTRY Innovator 2023 (03/2023).
- DAAD Scholarship: Research Stays for University Academics and Scientists, Institute of Thermal Separation Processes, Hamburg-University of Technology (TUHH), Germany (11/2017-01/2018).
- Scholarship by the Greek State Scholarships Foundation for the academic year 1999-2000 (graduate studies) for academic excellence (ranked first in the graduate class).
- Scholarships by the Greek State Scholarships Foundation for the academic years 1994-1997 (undergraduate studies in the Department of Chemistry, N.K.U.A., Greece) for academic excellence (ranked first or second in class).

RESEARCH

Research Interests

Synthetic Inorganic Chemistry with emphasis on: (a) mononuclear transition metal complexes bearing redox-active ligands, (b) trinuclear and dinuclear transition metal clusters with multiple metal-metal bonds, and (c) metal oxides and carbides on porous substrates.

Homogeneous Catalysis: selective oxidation of organic substrates, atom-transfer reactions, controlled radical polymerization of olefins, metathesis polymerization of alkynes and ring opening metathesis polymerization (ROMP) of cycloolefins.

Electrochemistry: (a) redox chemistry of metal complexes and (b) mechanistic studies of catalytic reactions.

Porous materials: (a) inorganic and hybrid inorganic/organic nanostructured materials (aerogels), (b) polyurea-crosslinked biopolymer aerogels, (c) metal-, metal oxide- and nitrogen-doped carbon aerogels, and (d) applications of aerogels to environmental remediation, biomedicine, and energy.

Funded Projects

- Research Program INDUSTRIAL PhDs (in the framework of the Recovery and Resilience Plan “Greece 2.0” funded by the European Union, 2024-2025): “Novel nanoporous materials for environmental remediation” (ΥΠ1ΤΑ-0555525); P.I. Budget: 23,848.76 € (total: 114,585.49 €).
- COST Innovators Grant IG18125 (2023-2024): “Technical, commercial and societal innovations on aerogels towards circular economy (ECO-AERoGELS)”; Working Group co-Leader.
- Matching Funds 2019 for H2020-NMP-PILOTS-2015 “Nanohybrids” (2021-2022); P.I. Budget: 10,047.56 €.
- CERIC-ERIC 20207082 (3/2021): time allocation for solid-state NMR usage at the National Institute of Chemistry, Ljubljana, Slovenia.
- CERIC-ERIC BRR_636 (11/2020): time allocation for access to SANS at the Budapest Neutron Center, Hungary.
- CERIC-ERIC 20187018 (5/2019): time allocation for solid-state NMR usage at the National Institute of Chemistry, Ljubljana, Slovenia.
- COST Action CA18125 (2019-2023): "Advanced Engineering and Research of (aero)Gels for Environment and Life Sciences (AERoGELS)"; Member of the Core Management Committee – ITC Conference Grants Coordinator.
- Matching Funds 2018 for H2020-NMP-PILOTS-2015 “Nanohybrids” (2019-2020); P.I. Budget: 8,058.03 €.
- Matching Funds 2016-2017 for H2020-NMP-PILOTS-2015 “Nanohybrids” (2018-2019); P.I. Budget: 6,591.01 €.
- Matching Funds 2014-2016 for H2020-NMP-PILOTS-2015 “Nanohybrids” (2016-2017); P.I. Budget: 2,025.09 €.
- H2020-NMP-PILOTS-2015 (2015-2019) “NanoHybrids: New generation of nanoporous organic and hybrid aerogels for industrial applications: from laboratory to pilot scale production” (GA 685648); co-P.I. Budget: 535,101.36 € (total: 3,678,305.25 €).
- COST Action CM1305 (2014-2018): “Explicit Control Over Spin-states in Technology and Biochemistry (ECOSTBio)”; Management Committee Substitute.
- Research Project Thales (co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF), 2012-2015): “Synthesis of Novel Advanced Materials by New Generation Catalysts via ROMP (Ring Opening Metathesis Polymerization) Reactions” (ROMPADMAT – MIS 377252); co-P.I. Budget: 293,486.59 € (total: 600,000.00 €).
- Research Project Thales (co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF), 2012-2015): “Polynuclear Transition Metal Complexes: Development of Synthetic Strategies, Reactivity and Applications in Magnetic and Catalytic Materials” (POLYMAGCAT – MIS 377365); co-P.I. Budget: 50,000.00 € (total: 600,000.00 €).
- COST Action D35-WG11 (funded by the intergovernmental framework for European Cooperation in Science and Technology, 2006-2011): “Multifunctional and Switchable Molecular Materials: Design, Synthesis, Characterization and Preparations as Crystals and Thin Films”; member.
- Research Project NSF (National Science Foundation, 2004-2008; participation as Postdoctoral Researcher,

- 6/2006-6/2007): “Metal- versus Ligand-centered Oxidizing Equivalents in Hydrocarbon Oxidation”. P.I.: Assoc. Prof. P. Stavropoulos, Missouri University of Science & Technology (formerly the University of Missouri-Rolla), Rolla MO, U.S.A.
- Research Project “Pythagoras I” (Postdoctoral Researcher); 3rd Framework Programme EPEAEKII (co-funded by the European Social Fund and National Resources, 2004-2007): “Catalytic Stereoselective Polymerization of Alkynes by Dinuclear Transition Metal Complexes”. P.I.: Prof. K. Mertis, N.K.U.A., Greece).
 - Research Project “Kapodistrias” (participation as Graduate Student and subsequently as Postdoctoral Researcher); Special Account for Research Grants, N.K.U.A. (1999-2008). P.I.: Prof. K. Mertis.

TEACHING

Pre-tenure track appointment (1998-2009)

- Inorganic Chemistry IV, 4th year Chemistry (elective, 2 co-instructors, 2007-2008).
- Organometallic Chemistry, 3rd year Chemistry, and Inorganic Chemistry IV, 4th year Chemistry (elective courses); organization and supervision of laboratory exercises and creation of student’s laboratory companions (2007-2008).
- Basics of Homogeneous Catalysis, graduate course (mandatory) in graduate program “Catalysis and its Applications”; organization and supervision of laboratory exercises and development of student’s companion notes (2005-2008).
- Teaching Assistant in Theory and Practice of General and Inorganic Chemistry Laboratory: General and Inorganic Chemistry (I and II), 1st year Chemistry (1998-2006), Magnetochemistry, 2nd year Chemistry (2008-2009), Chemistry, 1st year Geology (2000-2005), Inorganic Chemistry, 1st year Physics (2000-2005).
- Educational Program “ΣΣΑΤΕΣ” - supervision of undergraduate students in computer learning (1999-2001).
- Supervision of undergraduate (7 Diploma) and junior graduate (4 M.Sc. and 4 Ph.D.) students.
- Training of Greek students (General and Inorganic Chemistry, theory and laboratory exercises) for the 33rd, 34th, 36th, 37th and 40th International Chemistry Olympiad.

Post-tenure track Appointment (2009-present)

Lecture and Laboratory Courses

Undergraduate Program – General and Inorganic Chemistry

1st year Chemistry Class

- Inorganic Chemistry II (mandatory, 2 co-instructors, 2010-present)
- Laboratory course in Inorganic Chemistry II (mandatory, 2009-present) – Coordinator(2014-present)
- Laboratory course in General and Inorganic Chemistry I (mandatory, 2009-2012)

4th year Chemistry Class

- Chemistry of Materials (elective, 5 co-instructors, 2021-present)

1st year Geology Class

- Chemistry (mandatory, 1 instructor, 2012-present) - Coordinator (2012-present)
- Laboratory course in Chemistry (mandatory, 2009-2021) - Coordinator (2012-present)

1st year Biology Class

- General and Analytical Chemistry (mandatory, 2 co-instructors, 2021-2022)

1st year Physics Class

- Laboratory course in Chemistry (mandatory, 2009-2010)

Graduate Program “Inorganic Chemistry and its Applications in Industry”

- Contemporary Spectroscopic Methods and Methods of Determination and Analysis - Laboratory course (mandatory, 8 co-instructors, 2017-present) - Electrochemical methods
- Topics of Inorganic Chemistry (mandatory, 3 co-instructors, 2017-present)
- Collection of Bibliographic Data and Presentation regarding the Research Scope of Diploma Thesis (mandatory, 2017-present)

Graduate Program – Specialization of Inorganic Chemistry and Technology

- Physical Methods of Structure Elucidation (mandatory, 4 co-instructors, 2010-2016)
- Experimental Techniques for Separation and Structure Elucidation (mandatory, 6 co-instructors, 2010-2016)
- Catalysis (elective, 3 co-instructors, 2011-2016)
- Literature Essay-Theoretical Part of M.Sc. Thesis (mandatory, 2011-2016)
- Physical Methods of Structure Elucidation (elective, 4 co-instructors, 2009-2010)

Graduate Program “Catalysis and its Applications in Industry”

- Basics of Homogeneous Catalysis (mandatory, 3 co-instructors, 2018-present) - Coordinator (2018-present)
- Catalysis with Clusters (specialization, 3 co-instructors, 2018-present) - Coordinator (2018-present)

Graduate Program “Catalysis and its Applications”

- Basics of Homogeneous Catalysis (mandatory, 3 co-instructors, 2010-2018)
- Catalysis with Clusters (specialization, 3 co-instructors, 2010-2018)

Graduate Program “Chemistry Education, Information and Communication Technology and Education for Sustainable Development”

- Special Topics and Laboratory Experience in General and Inorganic Chemistry (mandatory, 6 co-instructors, 2020-present).

Development of Educational Material

- Slides and supplementary material for all courses mentioned above.
- Revamping of laboratory exercises and student’s laboratory companion for the laboratory course in Inorganic Chemistry II, 1st year_Chemistry.
- Revamping of laboratory exercises and student’s laboratory companion for the laboratory course in Chemistry, 1st year Geology.

Theses Supervised

- Diploma Theses (16)
- M.Sc. Theses (13)
- Ph.D. Theses (4)

SERVICE

To the Department and the University

- Departmental Coordinator of the Erasmus+ Mobility Programme between the Department of Chemistry, N.K.U.A. and the Department of Farmacología, Farmacia y Tecnología Farmacéutica, Facultad de Farmacia, University of Santiago de Compostela, Spain (2022-present).
- Departmental Coordinator of the Erasmus+ Mobility Programme between the Department of Chemistry, N.K.U.A. and the Department of Inorganic and Analytical Chemistry, University of Debrecen, Hungary (2022-present).
- Departmental Coordinator of the Erasmus+ Mobility Programme between the Department of Chemistry, N.K.U.A. and the Department of Process and Chemical Engineering, Hamburg University of Technology, Germany (2021-present).
- Member of the Committee for the Strategic Plan of the Chemistry Department (2021-present).
- Member of the Steering Committee of Graduate Program “Catalysis and its Applications in Industry” (2020-present).
- Member of the Steering Committee of Graduate Program “Chemistry Education, Information and Communication Technology and Education for Sustainable Development” (2020-present).
- Member of the Steering Committee of the Graduate Program “Chemistry Education, Information and Communication Technology and Education for Sustainable Development” (2020-present).
- Member / substitute member of the Committee for Seminars and Outreach Activities of the Chemistry Department (2016- present).
- Member of the General Assembly of the Chemistry Department (2010-present).
- Member of Graduate Studies Committees: Three-Member M.Sc. Granting Committees (36); Three-Member Ph.D. Advisory Committees (9); Seven-Member Ph.D. Granting Committees (30).
- Head of the Committee for the Internal Evaluation of the Chemistry Department (2021-2023).
- Coordinator for the communication to the University of significant achievements and awards by the Chemistry Department (2021-2023).
- Vice Director of Graduate Program “Inorganic Chemistry and its Applications in Industry” (2020-2022).
- Vice Director of Graduate Program “Chemistry Education, Information and Communication Technology and Education for Sustainable Development” (2020-2022).
- Member of the Committee for the Internal Evaluation of the Chemistry Department (2019-2021).
- Member of the Library Committee of the School of Science of N.K.U.A. (2018-2021).

- Member of the Committee for preparing the proposal for the Academic Accreditation of the Undergraduate Study Program of the Chemistry Department (2018).
- Representative of the Inorganic Chemistry Laboratory in the Internal Evaluation of the Chemistry Department (collected and updated statistical and archival data provided by the Faculty - 2011).
- Coordinator of the chemistry section of the entrance placement exams in "General and Inorganic Chemistry I" and "Inorganic Chemistry II" for the Department of Chemistry (2010-2023).
- Co-organized the Celebration of the International Year of Chemistry (2009-2011).
- Member of the Election Committee for the positions of Director of Section, the Chair of the Chemistry Department, the Dean of School of Science and the Rector (2010-2019).

To the Scientific Community

- Expert evaluator for proposals in the Horizon call HORIZON-MSCA-2023-PF-01 (European Commission) (2023).
- Member of the Core Management Committee, ITC Conference Grants Coordinator, COST Action CA18125 (2019-2023): "Advanced Engineering and Research of (aero)Gels for Environment and Life Sciences (AERoGELS)".
- Guest Editor
 - Research Topic in *Frontiers: Towards a Century of Aerogels – Advances and Perspectives* (participating journals: *Frontiers in Chemistry, Frontiers in Materials, Frontiers in Soft Matter, Frontiers in Bioengineering and Biotechnology*; 2023)
 - Special Issue in *Polymers: Synthesis and Characterisation of Aerogels: Fundamentals and Applications* (2022)
- Reviewer for: *ACS Applied Materials & Interfaces; ACS Applied Nanomaterials; ACS Omega; Advanced Functional Materials; Bioinorganic Chemistry and Applications; Carbohydrate Polymers; Catalysis Letters; Catalysts; Chemistry; Dalton Transactions; European Polymer Journal; Food Hydrocolloids; Gels; Green Chemistry; Industrial & Engineering Chemistry Research; Inorganic Chemistry; Inorganics; International Journal of Molecular Sciences; JACS Au; Journal of the Brazilian Chemical Society; Journal of Chemistry; Journal of Coordination Chemistry; Journal of Environmental Chemical Engineering; Journal of Molecular Structure; Journal of Sol-Gel Science and Technology; Macromolecular Materials and Engineering; Materials; Micro and Nano Engineering; Molecules; Nanomaterials; Nanoscale Advances; Nature Communications; New Journal of Chemistry; Open Chemistry; Physical Chemistry Chemical Physics; Polyhedron; Polymer; Polymers; Polysaccharides; Powder Technologies; Rapid Communications in Mass Spectrometry; RSC Advances; Scientific Reports; The Journal of Supercritical Fluids.*
- Evaluator for the selection of instructors for the Hellenic Fire Academy (2020).
- Evaluation of graduate students' applications for funding from various Scholarship Foundations including the State Scholarships Foundation (2012-today).
- Scientific Conference Committees:
 - Member of the Scientific Committee of the Training school on ECO-AERoGELS (2024, Udine, Italy).
 - Member of the Organizing Committee of the IUPAC Global Women's Breakfast (2024, online).
 - Member of the Organizing Committee of the 2nd Panhellenic Symposium on Inorganic Chemistry (2023,

Athens, Greece).

- Member of the Scientific Committee of the 3rd International Conference on Aerogels for Biomedical and Environmental Applications (2023, Maribor, Slovenia).
- Member of the Scientific Committee of the Workshop on Aerogels Characterization and Modelling (2023, Debrecen, Hungary).
- Member of the Organizing Committee of the IUPAC Global Women's Breakfast (2023, online).
- Chair of the 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece).
- Co-chair of the Athens Conference on Advances in Chemistry – acac2022 (2022, Athens, Greece).
- Member of the Organizing Committee of the IUPAC Global Women's Breakfast (2022, online).
- Member of the Organizing Committee of the Athens Conference on Advances in Chemistry – acac2020 (2021, online).
- Member of the Organizing Committee of the IUPAC Global Women's Breakfast (2021, Online).
- Member of the Poster Evaluation Committee for the Best Poster Awards at the Online Aerogel Seminar 2020.
- Member of the Scientific Committee of the International Conference on Aerogels for Biomedical and Environmental Applications (2020, Santiago de Compostela, Spain).
- Member of the Organizing Committee of the IUPAC Global Women's Breakfast (2020, Athens, Greece).
- Member of the Organizing Committee of Green Chemistry and Sustainable Development: 6th Panhellenic Symposium with International Participation (2019, Athens, Greece).
- Member of the Poster Evaluation Committee for the Best Poster Awards at PARTEC: International Congress on Particle Technology (2019, Nurnberg, Germany).
- Member of the Organizing Committee of the IUPAC Global Women's Breakfast (2019, Athens, Greece).
- Session Chair at the Athens Conference on Advances in Chemistry – acac2018 (2018, Athens, Greece).
- Member of the Organizing Committee of the Athens Conference on Advances in Chemistry – acac2018 (2018, Athens, Greece).
- Member of the Poster Evaluation Committee for the Best Poster Awards at the 15th Panhellenic Catalysis Symposium (2018, Ioannina, Greece).
- Member of the Scientific Committee of the 15th Panhellenic Catalysis Symposium (2018, Ioannina, Greece).
- Member of the Poster Evaluation Committee for the Best Poster Awards at the 4th International Seminar on AEROGELS-2018 (2018, Hamburg, Germany).
- Session Chair at the Athens International Catalysis Symposium (2016, Athens, Greece).
- Member of the Organizing Committee of Athens International Catalysis Symposium (2016, Athens, Greece).
- Session Chair at the 46th Heyrovský Discussion (2013, Třešť, Czech Republic).
- Member of the Scientific Committee of the 11th Greece-Cyprus Conference (2011, Limassol, Cyprus).
- Member of the Organizing and the Scientific Committees of the 11th Hellenic Catalysis Symposium (2010, Athens, Greece).
- Session Chair at the 10th FIGIPAS Meeting in Inorganic Chemistry (2009, Palermo, Italy).

- Member of the Organizing Committee of the 8th FIGIPAS Meeting in Inorganic Chemistry (2005, Athens, Greece).
- Member of the Organizing Committee of the 35th International Chemistry Olympiad (2003, Athens, Greece). Member of the Editorial Board of the official daily journal of the Olympiad "CATALYZER".
- Scientific Memberships:
 - Association of Greek Chemists
 - American Chemical Society
 - Royal Society of Chemistry
 - International Society of Electrochemistry, Division of Molecular Electrochemistry
 - Hellenic Catalysis Society
 - Hellenic Green Chemistry Network
 - European Network for Pilot Production Facilities and Innovation Hubs (EPPN Network)
 - Aerogel.org Community

PUBLICATIONS

Theses and Dissertations

1. **Diploma:** "Homogeneous Polymerization of Styrene with Binuclear Molybdenum Complexes". Laboratory of Inorganic Chemistry, Department of Chemistry, N.K.U.A., 1998.
2. **M.Sc.:** "Study of the Chemical Reactivity of Halogenated Rhenium Clusters. Selective Hydrolysis of Nitriles to Amides". Laboratory of Inorganic Chemistry, Department of Chemistry, N.K.U.A., 2000.
3. **Ph.D.:** "Synthesis and Characterization of Trinuclear Clusters of Rhenium. Applications in the Selective Hydrolysis of Nitriles and Oxidation of Alcohols". Department of Chemistry, N.K.U.A., 2003.

Research Papers

1. Neumann, D.; **Paraskevopoulou, P.**; Psaroudakis, N.; Mertis, K.; Staples, R.J.; Stavropoulos, P.* "Structural and functional characteristics of rhenium clusters derived from redox chemistry of the triangular $[\text{Re}^{\text{III}}_3(\mu\text{-Cl})_3]$ core unit" *Inorg. Chem.* **2000**, *39*, 5530-5537. **Included in the ChemInform selected abstracts.**
2. Petrou, A. L.*; **Paraskevopoulou, P.**; Chrysikopoulou, M. "Kinetics and mechanism of the reaction between chromium(III) and 3,4-dihydroxyphenylpropionic (dihydrocaffeic) acid in weak acidic aqueous solutions" *J. Inorg. Biochem.* **2004**, *98*, 123-132.
3. **Paraskevopoulou, P.**; Psaroudakis, N.; Koinis, S.; Stavropoulos, P.; Mertis, K.* "Catalytic selective oxidation of benzyl alcohols to aldehydes with rhenium complexes" *J. Mol. Catal. A: Chem.* **2005**, *240*, 27-32.
4. **Paraskevopoulou, P.***; Petalidou, E.; Psaroudakis, N.; Stavropoulos, P.; Mertis, K.* "Efficient chemoselective oxidation of phenylmethanols to aldehydes with iodosobenzene" *Monatsh. Chem.* **2005**, *136*, 2035-2039.
5. Çelenligil-Çetin, R.; **Paraskevopoulou, P.**; Dinda, R.; Staples, R. J.; Sinn, E.; Rath, N. P.; Stavropoulos, P.* "Synthesis, characterization, and reactivity of iron trisamidoamine complexes that undergo both metal- and ligand-centered oxidative transformations" *Inorg. Chem.* **2008**, *47*, 1165-1172.

6. Çelenligil-Çetin, R.; **Paraskevopoulou, P.**; Dinda, R.; Lalioti, N.; Sanakis, Y.; Rawashdeh, A. M.; Staples, R. J.; Sinn, E.; Stavropoulos, P.* "Oxidative ligand rearrangement due to incipient aminyl radicals in the oxidation of iron(II) species with dioxygen" *Eur. J. Inorg. Chem.* **2008**, 673-677.
7. Floros, G.; Saragas, N.; **Paraskevopoulou, P.**; Choinopoulos, I.; Koinis, S.; Psaroudakis, N.*; Pitsikalis, M.; Mertis, K.* "Catalytic polymerization of alkynes with the quadruply bonded octachloroditungsten anion" *J. Mol. Catal. A: Chem.* **2008**, 289, 76-81.
8. **Paraskevopoulou, P.**; Petalidou, E.; Panas, A.; Ioannou, M.; Koinis, S.; Psaroudakis, N.*; Leventis, N.; Stavropoulos, P.; Mertis, K.* "Redox reactivity and comprehensive synthetic chemistry of the perchloroditungstate $[W_2(\mu-Cl)_3Cl_6]^{n-}$ ($n = 3, 2, 1$) anions in organic media" *Polyhedron* **2008**, 27, 2859-2866.
9. Çelenligil-Çetin, R.; **Paraskevopoulou, P.**; Lalioti, N.; Sanakis, Y.; Staples, R. J.; Rath, N. P.; Stavropoulos, P.* "Metalloradical complexes of manganese and chromium featuring an oxidatively rearranged ligand" *Inorg. Chem.* **2008**, 47, 10998-11009.
10. Papavassiliou, G. C.*; Anyfantis, G. C.; Terzis, A.; Psycharis, V.; Kyritsis, P.; **Paraskevopoulou, P.** "Some unsymmetrical metal 1,2-dithiolenes based on palladium, platinum and gold" *Z. Naturforsch.* **2008**, 63b, 1377-1382.
11. Saragas, N.; Floros, G.; **Paraskevopoulou, P.**; Psaroudakis, N.; Koinis, S.; Pitsikalis, M.; Mertis, K.* "Polymerization of terminal alkynes with a triply bonded ditungsten halo-complex" *J. Mol. Catal. A: Chem.* **2009**, 303, 124-131.
12. Papavassiliou, G. C.*; Anyfantis, G. C.; Raptopoulou, C. P.; Psycharis, V.; Ioannidis, N.; Petrouleas, V.; **Paraskevopoulou, P.** "Bis[1,2-diphenyl-1,2-ethylenedithiolato(2-)-kS₁,kS₂] gold: preparation, structure and properties" *Polyhedron* **2009**, 28, 3368-3372.
13. Anyfantis, G. C.*; Papavassiliou, G. C.*; Terzis, A.; Raptopoulou, C. P.; Psycharis, V.; **Paraskevopoulou, P.** "Preparation and Characterization of Ni(dpdt)(pddt) and Ni(dpdt)(pddt)-CS₂, where dpdt is diphenylethylenedithiolate and pddt is 6,7-dihydro-5H-1,4-dithiepin-2,3-dithiolate" *Polyhedron* **2009**, 29, 969-974.
14. **Paraskevopoulou, P.**; Ai, L.; Wang, Q.; Pinnapareddy, D.; Acharyya, R.; Dinda, R.; Das, P.; Çelenligil-Çetin, R.; Floros, G.; Sanakis, Y.; Choudhury, A.; Rath, N. P.; Stavropoulos, P.* "Synthesis and characterization of a series of structurally and electronically diverse Fe(II) complexes featuring a family of triphenylamido-amine ligands" *Inorg. Chem.* **2010**, 49, 108-122.
15. **Paraskevopoulou, P.***; Makedonas, C.; Psaroudakis, N.; Mitsopoulou, C. A.; Floros, G.; Seressioti, A.; Ioannou, M.; Sanakis, Y.; Rath, N.; Gómez García, C.J.; Stavropoulos, P.; Mertis, K.* "Isolation, characterization and computational studies of the novel $[Mo_3(\mu_3-Br)_2(\mu-Br)_3Br_6]^{2-}$ cluster anion" *Inorg. Chem.* **2010**, 49, 2068-2076.
Included in the ChemInform selected abstracts.
16. Droulia, M.; Anastasaki, A.; Rokotas, A.; Pitsikalis, M.*; **Paraskevopoulou, P.** "Statistical copolymers of methyl methacrylate and 2-methacryloyloxyethyl ferrocenecarboxylate: monomer reactivity ratios, thermal and electrochemical properties" *J. Polym. Sci. A: Polym. Chem.* **2011**, 49, 3080-3089.
17. Saragas, N.; Floros, G.; **Paraskevopoulou, P.**; Psaroudakis, N.; Koinis, S.; Pitsikalis, M.; Hadjichristidis, N.; Mertis,

- K.* “Ring opening metathesis polymerization of norbornene and derivatives by the triply bonded ditungsten complex $\text{Na}[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_4(\text{THF})_2]\cdot(\text{THF})_3$ ” *Polymers* **2012**, *4*, 1657-1673. *Special Issue: Ring-Opening Polymerization.*
18. Bagchi, V.; Raptopoulos G.; Das, P.; Christodoulou, S.; Wang, Q.; Ai, L.; Choudhury, A.; Pitsikalis, M.; **Paraskevopoulou, P.***; Stavropoulos, P.* “Synthesis and characterization of a family of Co(II) triphenylamido-amine complexes and catalytic activity in controlled radical polymerization of olefins” *Polyhedron* **2013**, *52*, 78-90. *Invited paper. Special Issue: 100th Anniversary of the award of the 1913 Nobel Prize in Chemistry to Alfred Werner: A Celebration.*
19. Koutsouri, E.; Zarkadoulas, A.; Makedonas, C.; Koumpounis, C.; **Paraskevopoulou, P.**; Mitsopoulou, C. A.* “Combining photosensitizers: the case of $[\text{Cl}_2\text{Pt}(\text{bpym})\text{Re}(\text{CO})_3\text{Cl}]$ and its dithiolate analogues” *Polyhedron* **2013**, *52*, 234-245. *Special Issue: 100th Anniversary of the award of the 1913 Nobel Prize in Chemistry to Alfred Werner: A Celebration.*
20. Floros, G.; Agrafioti, F.; Grigoropoulos, A.; **Paraskevopoulou, P.***; Mertis, K.; Tseklima, M.; Veli, M.; Pitsikalis, M.* “Statistical copolymers of norbornene and 5-vinyl-2-norbornene by a ditungsten complex mediated ring-opening metathesis polymerization: synthesis, thermal properties, and kinetics of thermal decomposition” *J. Polym. Sci. A: Polym. Chem.* **2013**, *51*, 4835-4844.
21. Bagchi, V.; **Paraskevopoulou, P.**; Das, P.; Chi, L.; Wang, Q.; Choudhury, A.; Mathieson, J. S.; Cronin, L.*; Pardue, D. B.; Cundari, T. R.*; Mitrikas, G.; Sanakis, Y.; Stavropoulos, P.* “A versatile tripodal Cu(I) reagent for C–N bond construction *via* nitrene-transfer chemistry: Catalytic perspectives and mechanistic insights on C–H aminations/amidinations and olefin aziridinations” *J. Am. Chem. Soc.* **2014**, *136*, 11362-11381.
22. Nikovia, C.; Maroudas, A.-P.; Goulis, P.; Tzimis, D.; **Paraskevopoulou, P.**; Pitsikalis, M.* “Statistical ring opening metathesis copolymerization of norbornene and cyclopentene by Grubbs’ 1st-generation catalyst” *Molecules* **2015**, *20*, 15597-15615. *Invited paper. Special Issue: Olefin Metathesis.*
23. Saragas, N.; Floros, G.; Raptopoulos, G.; Pitsikalis, M.; **Paraskevopoulou, P.***; Mertis, K.* “Exploring the reactivity of $\text{Na}[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_4(\text{THF})_2]\cdot(\text{THF})_3$ towards the polymerization of selected cycloolefins” *Molecules* **2015**, *20*, 21896-21908. *Special Issue: Olefin Metathesis.*
24. Chriti, D.; Grigoropoulos, A.; Raptopoulos, G.; Charalambidis, G.; Nikolaou, V.; Coutsolelos, A. G.; Pitsikalis, M.; Mertis, K.*; **Paraskevopoulou, P.*** “Metathesis polymerization reactions induced by the bimetallic complex $(\text{Ph}_4\text{P})_2[\text{W}_2(\mu\text{-Br})_3\text{Br}_6]$ ” *Polymers* **2015**, *7*, 2611-2624.
25. Pefkianakis, E. K.; Manthou, V. S.; **Paraskevopoulou, P.**; Sakellariou, G.; Vougioukalakis, G. C.* “A new family of fullerene derivatives bearing long alkyl and triethyleneglycol moieties” *ChemistrySelect* **2016**, *6*, 1232-1238.
26. Levesanos, N.; Liyanage, W. P. R.; Ferentinos, E.; Raptopoulos, G.; **Paraskevopoulou, P.**; Sanakis, Y.; Choudhury, A.; Stavropoulos, P.; Nath, M.; Kyritsis, P.* “Investigating the structural, spectroscopic, and electrochemical properties of $[\text{Fe}\{\{\text{EPIPr}_2\}_2\text{N}\}_2]$ (E = S, Se) and the formation of iron selenides by Chemical Vapor Deposition” *Eur. J. Inorg. Chem.* **2016**, 5332-5339.
27. Droulia, M.; Asimopoulou-Marinou, V.; Pitsikalis, M.*; **Paraskevopoulou, P.** “Amphiphilic block copolymers of ethylene oxide and 2 methacryloyloxyethyl ferrocenecarboxylate: self-assembly behavior, thermal and

- electrochemical properties" *Int. J. Adv. Res. in Chem. Sci.* **2016**, *3*, 9-24.
- 28.** Raptopoulos, G.; Anyfantis, G. C.; Chriti, D.; **Paraskevopoulou, P.*** "Synthesis and structural characterization of poly(dicyclopentadiene) gels obtained with a novel ditungsten versus conventional W and Ru mononuclear catalysts" *Inorg. Chim. Acta* **2017**, *460*, 69-76. *Invited paper. Special Issue: Inorganic Chemistry – The Next Generation.*
- 29.** Raptopoulos, G.; Kyriakou, K.; Mali, G.; Scarpellini, A.; Anyfantis, G. C.; Mavromoustakos, T.; Pitsikalis, M.; **Paraskevopoulou, P.*** "Copolymerization of norbornene and norbornadiene using a *cis*-selective bimetallic W-based catalytic system" *Polymers* **2017**, *9*, 141. *Invited paper. Special Issue: Metal Complexes-Mediated Catalysis in Polymerization. Highlighted by the Editor as one of the best contributions in the area of Polymer Synthesis in the journal Polymers in 2017/2018.*
- 30.** Kanellou, A.; Anyfantis, G. C.; Chriti, D.; Raptopoulos, G.; Pitsikalis, M.; **Paraskevopoulou, P.*** "Poly(urethane-norbornene) aerogels via Ring Opening Metathesis Polymerization of dendritic urethane-norbornene monomers: Structure-property relationships as a function of an aliphatic versus an aromatic core and the number of peripheral norbornene moieties" *Molecules* **2018**, *23*, 7. *Invited paper. Special Issue: Organometallic Catalysis in Organic Synthesis.*
- 31.** Chriti, D.; Raptopoulos, G.; Papastergiou, M.; **Paraskevopoulou, P.*** "Millimeter-size spherical polyurea aerogel beads with narrow size distribution" *Gels* **2018**, *4*, 66. *Special Issue: Aerogels.*
- 32.** **Paraskevopoulou, P.***; Gurikov, P.*; Raptopoulos, G.; Chriti, D.; Papastergiou, M.; Kyritidou, Z.; Skounakis, V.; Argyraki, A. "Strategies toward catalytic biopolymers: Incorporation of tungsten in alginate aerogels" *Polyhedron* **2018**, *154*, 209-216. *Invited paper.*
- 33.** Bagchi, V.; Kalra, A.; Das, P.; **Paraskevopoulou, P.**; Gorla, S.; Ai, L.; Wang, Q.; Mohapatra, S.; Choudhury, A.; Sun, Z.; Cundari, T. R.*; Stavropoulos, P.* "Comparative nitrene-transfer chemistry to olefinic substrates mediated by a library of anionic Mn(II) triphenylamido-amine reagents and M(II) congeners (M = Fe, Co, Ni) favoring aromatic over aliphatic alkenes" *ACS Catal.* **2018**, *8*, 9183-9206.
- 34.** Papastergiou, M.; Kanellou, A.; Chriti, D.; Raptopoulos, G.; **Paraskevopoulou, P.*** "Poly(urethane-acrylate) aerogels via radical polymerization of dendritic urethane-acrylate monomers" *Materials* **2018**, *11*, 2249. *Invited paper. Special Issue: Aerogels: Synthesis, Characterization and Application.*
- 35.** Papastergiou, M.; Chriti, D.; Damalas, D. E.; Raptopoulos, G.; **Paraskevopoulou, P.*** "Poly(urethane-acrylate) aerogels from the isocyanurate trimer of isophorone diisocyanate" *The Journal of Supercritical Fluids* **2019**, *148*, 42-54.
- 36.** Chriti, D.; Raptopoulos, G.; Anyfantis, G.C.; **Paraskevopoulou, P.*** "An extreme case of swelling of mostly *cis*-polydicyclopentadiene by selective solvent absorption – Application in decontamination and environmental remediation" *ACS Appl. Polym. Mater.* **2019**, *1*, 1648-1659.
- 37.** **Paraskevopoulou, P.***; Smirnova, I.*; Athamneh, T.; Papastergiou, M.; Chriti, D.; Mali, G.; Čendak, T.; Chatzichristidi, M.; Raptopoulos, G.; Gurikov, P.* "Mechanically strong polyurea/polyurethane-cross-linked alginate aerogels" *ACS Appl. Polym. Mater.* **2020**, *2*, 1974-1988.
- 38.** Chriti, D.; Raptopoulos, G.; Brandenburg, B.; **Paraskevopoulou, P.*** "Large, rapid swelling of high-*cis*

- polydicyclopentadiene aerogels suitable for solvent-responsive actuators” *Polymers* **2020**, *12*, 1033. *Special Issue: Processing, Characterization and Uses of Aerogels for Biomedical and Environmental Applications*.
39. Menshutina, N.; Lebedev, I.*; Lebedev, E.; **Paraskevopoulou, P.**; Chriti, D.; Mitrofanov, I. “A cellular automata approach for the modeling of a polyamide and carbon aerogel structure and its properties” *Gels* **2020**, *6*, 35. *Special Issue: Modeling and Simulation of Gel-Based Materials*.
40. **Paraskevopoulou, P.***; Smirnova, I.*; Athamneh, T.; Papastergiou, M.; Chriti, D.; Mali, G.; Čendak, T.; Raptopoulos, G.; Gurikov, P.* “Polyurea-crosslinked biopolymer aerogel beads” *RSC Adv.* **2020**, *10*, 40843–40852.
41. **Paraskevopoulou, P.***; Raptopoulos, G.; Leontaridou, F.; Papastergiou, M.; Sakellari, A.; Karavoltzos, S.* “Evaluation of polyurea-crosslinked alginate aerogels for seawater decontamination” *Gels* **2021**, *7*, 27. *Special Issue: Aerogels 2020. Highlighted in the CERIC webpage*
42. Raptopoulos, G.; Papastergiou, M.; Chriti, D.; Efraimopoulou, E.; Čendak, T.; Samartzis, N.; Mali, G.; Ioannides, T.; Gurikov, P.; Smirnova, I.; **Paraskevopoulou, P.*** “Metal-doped carbons from polyurea-crosslinked alginate aerogel beads” *Mater. Adv.* **2021**, *2*, 2684-2699.
43. Kalra, A.; Bagchi, V.; **Paraskevopoulou, P.**; Das, P.; Ai, L.; Sanakis, Y.; Raptopoulos, G.; Mohapatra, S.; Choudhury, A.; Sun, Z.; Cundari, T. R.*; Stavropoulos, P.* “Is the electrophilicity of the metal nitrene the sole predictor of metal-mediated nitrene transfer to olefins? Secondary contributing factors as revealed by a library of high-spin Co(II) reagents” *Organometallics* **2021**, *40*, 1974-1996.
44. **Paraskevopoulou, P.***; Raptopoulos, G.; Len, A.; Dudás, Z.; Fábrián, I.; Kalmár, J.* “Fundamental skeletal nanostructure of nanoporous polymer-cross-linked alginate aerogels and its relevance to environmental remediation” *ACS Appl. Nano Mater.* **2021**, *4*, 10575-10583.
45. Georgiou, E.; Raptopoulos, G.; Papastergiou, M.; **Paraskevopoulou, P.***; Pashalidis, I.* “Extremely efficient uranium removal from aqueous environments with polyurea-crosslinked alginate aerogel beads” *ACS Appl. Polym. Mater.* **2022**, *4*, 920-928.
46. Ghimire, S.; Sala, M.R.; Chandrasekaran, S.; Raptopoulos, G.; Worsley, M.; **Paraskevopoulou, P.**; Leventis, N.; Sabri, F.* “Noninvasive detection, tracking, and characterization of aerogel implants using diagnostic ultrasound” *Polymers* **2022**, *14*, 722. *Special Issue: Synthesis and Characterisation of Aerogels: Fundamentals and Applications*.
47. Raptopoulos, G.*; Choinopoulos, I.; Kontoes-Georgoudakis, F.; **Paraskevopoulou, P.*** “Polylactide-grafted metal-alginate aerogels” *Polymers* **2022**, *14*, 1254. *Special Issue: Synthesis and Characterisation of Aerogels: Fundamentals and Applications*.
48. Georgiou, E.; Pashalidis, I.*; Raptopoulos, G.; **Paraskevopoulou, P.*** “Efficient removal of polyvalent metal ions (Eu(III) and Th(IV)) from aqueous solutions by polyurea-crosslinked alginate aerogels” *Gels* **2022**, *8*, 478.
49. Barim, S.B.; Raptopoulos, G.; Rommel, S.; Aindow, M.; **Paraskevopoulou, P.**; Erkey, C.* “Polyamide aerogel-derived N-doped carbon aerogel decorated with platinum nanoparticles as highly active and stable electrocatalysts for oxygen reduction reaction” *Electrochimica Acta* **2022**, *434*, 141251.
50. Ioannidis I.; Pashalidis, I.*; Raptopoulos, G.; **Paraskevopoulou, P.*** “Radioactivity/radionuclide (U-232 and Am-

- 241) removal from waters by polyurea-crosslinked alginate aerogels in the sub-picomolar concentration range” *Gels* **2023**, *9*, 211. *Invited paper. Special Issue: International Perspectives on Aerogels.*
51. Samartzis, N.; Athanasiou, M.; Raptopoulos, G.; **Paraskevopoulou, P.**; Ioannides, T.* “Electrochemical energy storage in nitrogen/metal-doped carbon aerogels derived from polyurea-crosslinked alginate aerogels” *ChemNanoMat* **2023**, e202300028. *This article appears in: Hot Topic: Batteries and Supercapacitors.*
 52. Sala, M.R.; Ghimire, S.; Raptopoulos, G.; **Paraskevopoulou, P.**; Sabri, F.* “Investigation and characterization of time dependent degradation of X-Ca-alginate aerogels for biomedical applications” *J. Mater. Sci.* **2023**, *58*, 12331-12350.
 53. Gatou, M.-A.; Kontoliou, K.; Volla, E.; Karachalios, K.; Raptopoulos, G.; **Paraskevopoulou, P.**; Lagopati, N.*; Pavlatou, E.A.* “Optimization of ZnO nanoparticles’ synthesis via precipitation method applying Taguchi Robust Design” *Catalysts* **2023**, *13*, 1367.
 54. Effraimopoulou, E.; Kalmár, J.; Paul, G.; Marchese, L.; Ioannou, D.; Paraskevopoulou, P.*; Gurikov, P.* “Whey Protein Isolate-based aerogels with improved hydration properties for food packaging applications” *ACS Appl. Nano Mater.* **2024**, *7*, 618-627.

Patent Application

Fricke, M.; Paraskevopoulou, P.; Gurikov, P.; Chriti, D.; Papastergiou, M.; Raptopoulos, G.; Athamneh, T.; Smirnova, I.; Movahed, S.; Weinrich, D.; Loelsberg, W. Polyurea/Polyurethane-Crosslinked Alginate Aerogels, EP3848409A1, 14/7/2021.

Review Articles

1. Raptopoulos, G.; Grigoropoulos, A.; Mertis, K.; **Paraskevopoulou, P.***; Pitsikalis, M.* “Multinuclear transition metal catalysts for metathesis polymerization. Current developments and future perspectives” *Recent Res. Dev. in Polym. Sci.* **2014**, *12*, 83-106. *Invited paper.*
2. **Paraskevopoulou, P.***; Chriti, D.; Raptopoulos, G.; Anyfantis, G.C. “Synthetic polymer aerogels in particulate form” *Materials* **2019**, *12*, 1543.
3. Georgiou, E.; Raptopoulos, G.; Anastopoulos, I.; Giannakoudakis, D.A.; Arkas, M.*; **Paraskevopoulou, P.***; Pashalidis, I. “Uranium removal from aqueous solutions by aerogel-based adsorbents – A critical review” *Nanomaterials* **2023**, *13*, 363. *Special Issue: Nanoscale Materials for Water Purification and Catalysis. Editor’s choice*

Book Chapters

1. Stavropoulos, P.*; Çelenligil-Çetin, R.; Kiani, S.; Tapper, A.; Pinnareddy, D.; **Paraskevopoulou, P.** “Gif reactions” in *Handbook of C–H transformations*; Dyker, G., Ed.; Wiley-VCH, p. 497, **2005**.
2. Kiani, S.; **Paraskevopoulou, P.**; Pinnareddy, D.; Stavropoulos, P.*; Tapper, A.E.; Çelenligil-Çetin, R. “Iron, bis(pyridine)bis(2-pyridinecarboxylato-N1,O2), Fe(py)₂(Pic)₂; Catalyst for Gif-type oxygenation and functionalization of C–H Bonds, aliphatic C–H Bonds, α -heteroatom functionalized sp³ C–H Bonds” in *Handbook*

of *Reagents for Organic Synthesis: Reagents for direct functionalization of C–H bonds*; Fuchs, P. L., Ed.; Wiley, 2006.

Publication in Conference Proceedings (American Physical Society)

Sala, M.R.; Sabri, F.; Skali, O.; Raptopoulos, G.; **Paraskevopoulou, P.** “Degradable X-Ca-alginate aerogels as neuronal scaffolds-investigation of pc12 cells-substrate interface” *Bull. Am. Phys. Soc.* **2023**, JJ05.00004.

PRESENTATIONS

Invited Lectures

1. 2023 Joint CTMNM/NAGC Conference, Spetses, Greece, 5/2023 “Polyurea-crosslinked biopolymer aerogels as a versatile platform for the design and synthesis of nanostructured materials for environmental and biomedical applications”.
2. Workshop on Aerogels Characterization and Modelling, Debrecen, Hungary, 31/3/2023 “Polyurea-crosslinked biopolymer aerogels as a versatile platform for design and synthesis of nanostructured materials for environmental applications” (keynote lecture).
3. 2022 North America-Greece-Cyprus Conference - 2022 NAGC, Agia Napa, Cyprus, 11/05/2022 “Polyurea-Crosslinked Biopolymer Aerogels: A New Class of Materials with Diverse Applications”.
4. Department of Chemistry, University of Cyprus, 24/3/2021 “Polyurea-crosslinked biopolymer aerogels – Synthesis, Characterization and Applications”.
5. Foundation for Research and Technology - Hellas, Institute of Chemical Engineering Sciences (FORTH/ICE-HT), 2/3/2021 “Polyurea-crosslinked biopolymer aerogels – Synthesis, Characterization and Applications”.
6. PARTEC: International Congress on Particle Technology, Nurnberg, Germany, 11/4/2019 “Carbon-based aerogels for adsorption of toxic gases and air decontamination”.
7. ECOSTBIO Scientific Meeting, Girona, Spain, 23/9/2014 “Developing new catalytic systems for radical and metathesis polymerization reactions”.
8. 46th Heyrovský Discussion, Třešt, Czech Republic, 24/6/2013 “Trisamido-amine complexes that undergo metal- and ligand-centered oxidative transformations”.
9. Fifth North America-Greece-Cyprus Workshop on Paramagnetic Materials, Limassol, Cyprus, 22/5/2013 “Developing new catalytic systems for polymerization reactions”.
10. Fourth North America-Greece-Cyprus Workshop on Paramagnetic Materials, Patras, Greece, 17/6/2011 “Transition metal triphenylamido-amine complexes that undergo metal- and ligand-centered oxidative transformations”.
11. Department of Chemistry, N.K.U.A., 9/2/2011 “Mono- and binuclear transition metal complexes as radical and metathesis polymerization catalysts”.

Contributed Presentations

1. 1st Panhellenic Symposium on Didactics of Chemistry at High Schools (1998, Athens, Greece). P.

- Paraskevopoulou, D. Raikou, P. Siamopoulou, A. Petrou, "Reactions of zero order" (poster presentation).
- 6th Panhellenic-Pancyprian Conference on Chemistry (1999, Rhodes, Greece). P. Paraskevopoulou, N. Psaroudakis, C. Mertis, P. Stavropoulos, R. J. Staples, "Selective hydrolysis of nitriles to amides by Re(III) trinuclear cluster halides" (oral presentation).
 - 6th Panhellenic-Pancyprian Conference on Chemistry (1999, Rhodes, Greece). D. Liakos, P. Paraskevopoulou, M. Roulia, M. Yfantis, A. Petrou, "Issues on reaction kinetics and mechanisms" (poster presentation).
 - 5th FGIPS Meeting in Inorganic Chemistry (1999, Toulouse, France). P. Paraskevopoulou, C. Mertis, P. Stavropoulos, R. J. Staples, "Activation of coordinated ligands: spectroscopic and structural characterisation of the $[\text{Re}_3(\mu\text{-Cl})_3\text{Cl}_7(\mu\text{-CH}_3\text{CONH})]^{2-}$ anion resulting from the hydrolysis of acetonitrile" (poster presentation).
 - 2nd Panhellenic Conference on Postgraduate Studies in Sciences (2000, Athens, Greece). P. Paraskevopoulou, N. Psaroudakis, C. Mertis, D. Neumann, P. Stavropoulos, R. J. Staples, "Hydrolysis of acetonitrile to acetamide induced by the Re_3Cl_9 cluster halide. Spectroscopic and structural characterisation of the $[\text{Re}_3(\mu\text{-Cl})_3\text{Cl}_7(\mu\text{-CH}_3\text{CONH})]^{2-}$ anion" (poster presentation).
 - 34th International Conference on Coordination Chemistry (2000, Edinburgh, Scotland). P. Paraskevopoulou, N. Psaroudakis, C. Mertis, D. Neumann, P. Stavropoulos, R. J. Staples, "Hydrolysis of nitriles to amides induced by the Re_3Cl_9 cluster halide. Synthesis and characterisation of the $[\text{Re}_3(\mu\text{-Cl})_3\text{Cl}_{(7-x)}(\mu\text{-CH}_3\text{CONH})(\text{CH}_3\text{CN})_x]^{2-}$ ($x = 0, 1$) anions" (poster presentation).
 - 6th Hellenic Catalysis Symposium (2000, Delphi, Greece). P. Paraskevopoulou, N. Psaroudakis, K. Mertis, D. Neumann, P. Stavropoulos, R. J. Staples, "Selective catalytic hydrolysis of nitriles to amides" (oral presentation).
 - 10th Seminar on Didactics of Chemistry at High Schools (2000, Athens, Greece). P. Paraskevopoulou, A. Petrou, "Exploration of the Arrhenius equation and some applications" (poster presentation).
 - Royal Society of Chemistry-Dalton Division. Inorganic Reaction Mechanisms Group. Annual Conference (2001, Galway, Ireland). A. Petrou, M. Chrycikopoulou, P. Paraskevopoulou, "Mechanism of the reaction of Cr(III) with hydrocaffeic acid" (poster presentation).
 - 18th Panhellenic Conference on Chemistry (2001, Athens, Greece). P. Paraskevopoulou, A. Petrou, "Applications of the Arrhenius equation" (poster presentation).
 - 18th Panhellenic Conference on Chemistry (2001, Athens, Greece). M. Chrycikopoulou, P. Paraskevopoulou, A. Petrou, "Kinetic study of the reaction of Cr(III) with hydrocaffeic acid in aqueous solution" (poster presentation).
 - 18th Panhellenic Conference on Chemistry (2001, Athens, Greece). P. Paraskevopoulou, N. Psaroudakis, K. Mertis, P. Stavropoulos, R. J. Staples, "Homogeneous catalytic oxidation of aromatic alcohols by rhenium complexes" (poster presentation).
 - 7th Hellenic Catalysis Symposium (2002, Edessa, Greece). P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Selective catalytic oxidation of aromatic alcohols by rhenium complexes" (oral presentation).
 - 19th Panhellenic Conference on Chemistry (2002, Heraklion, Crete, Greece). P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Catalytic oxidation of aromatic alcohols by rhenium complexes" (oral presentation).
 - 19th Panhellenic Conference on Chemistry (2002, Heraklion, Crete, Greece). K. Mertis, N. Psaroudakis, P.

- Paraskevopoulou, S. Arbilias, D. Argyris, J. Vohlídal, O. Lavastre, P. H. Dixneuf, "Selective cyclotrimerisation and polymerisation of alkynes by dinuclear complexes containing quadruple metal-metal bonds" (poster presentation).
16. Inorganic Reaction Mechanisms Meeting 2003 (2004, Athens). P. Paraskevopoulou, N. Saragas, V. Stassinopoulou, N. Psaroudakis, K. Mertis, J. Vohlídal, "Catalytic polymerization of acetylenes and metathesis polymerization of Norbornene with quadruply bonded dinuclear complexes" (poster presentation).
 17. 1st Hellenic Green Chemistry Conference (2004, Anthoussa, Greece). P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Selective catalytic oxidation of organic substrates by rhenium complexes" (poster presentation).
 18. 1st Hellenic Green Chemistry Conference (2004, Anthoussa, Greece). P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Mechanism of the reduction of molecular oxygen to water by trinuclear rhenium clusters" (poster presentation).
 19. 1st Hellenic Green Chemistry Conference (2004, Anthoussa, Greece). N. Saragas, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, J. Vohlídal, "Selective polymerisation of acetylenes and co-polymerization of phenylacetylene-norbornene by dinuclear tungsten complexes" (poster presentation).
 20. 1st National Conference on Hydrogen Technologies: Research – Development – Applications (2004, Athens, Greece). P. Paraskevopoulou, M. Ioannou, N. Psaroudakis, K. Mertis, «Homogeneous catalytic formation of hydrogen by dinuclear molybdenum-tungsten complexes in acidic aqueous solutions in the presence of low-valent metal ions (M^{2+} , $M = Cr, V$)» (poster presentation).
 21. 8th Panhellenic Symposium on Catalysis (2004, Agia Napa, Cyprus). N. Saragas, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Polymerization of alkynes with dinuclear complexes containing metal-metal multiple bonds" (poster presentation).
 22. 8th Hellenic Catalysis Symposium (2004, Agia Napa, Cyprus). E. Petalidou, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Selective catalytic oxidation of alcohols" (oral presentation).
 23. 1st Greek Symposium on Organic Synthesis from Chemistry to Biology, Medicine and Material Science (2004, Athens, Greece). P. Paraskevopoulou, E. Petalidou, N. Psaroudakis, P. Stavropoulos, K. Mertis, "Selective catalytic oxidation of alcohols with iodosylbenzene" (poster presentation).
 24. 1st Greek Symposium on Organic Synthesis from Chemistry to Biology, Medicine and Material Science (2004, Athens, Greece). Ch. Karaiskos, O. Igglessi-Markopoulou, P. Paraskevopoulou, J. Markopoulos, "Catalytic hydrogenation of biologically active tetramic acids" (poster presentation).
 25. 8th Panhellenic-Panycyprian Conference on Chemistry (2004, Thessaloniki, Greece). P. Paraskevopoulou, E. Petalidou, N. Psaroudakis, K. Mertis, "Selective oxidation of alcohols with iodosobenzene" (poster presentation).
 26. 8th Panhellenic-Panycyprian Conference on Chemistry (2004, Thessaloniki, Greece). N. Saragas, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Applications of dinuclear complexes containing metal-metal multiple bonds to the polymerization of alkynes" (poster presentation).
 27. EuropaCat-VII: "Catalysis: A Key to Richer and Cleaner Society" (2005, Sofia, Bulgaria). P. Paraskevopoulou, N. Saragas, V. Stassinopoulou, N. Psaroudakis, K. Mertis, "Catalytic polymerization of acetylenes with dinuclear

- complexes containing metal-metal multiple bonds" (poster presentation).
28. 6th Tetrahedron Symposium: "Challenges in Organic Chemistry" (2005, Bordeaux, France). C. Karaiskos, O. Igglessi-Markopoulou, P. Paraskevopoulou, J. Markopoulos "Lowering the synthetic cost of a high value added compound: Catalytic hydrogenation of arylidene tetramic acids" (poster presentation).
 29. 8th FIGIPAS Meeting in Inorganic Chemistry (2005, Athens, Greece). A. Lekakou, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Catalytic polymerization of acrylates and methacrylates with dinuclear complexes containing metal-metal multiple bonds" (poster presentation).
 30. 8th FIGIPAS Meeting in Inorganic Chemistry (2005, Athens, Greece). P. Paraskevopoulou, E. Petalidou, N. Psaroudakis, P. Stavropoulos, K. Mertis, "Catalytic oxidation of alcohols to aldehydes with iodosobenzene" (poster presentation).
 31. 8th FIGIPAS Meeting in Inorganic Chemistry (2005, Athens, Greece). Ch. Karaiskos, J. Markopoulos, P. Paraskevopoulou, O. Igglessi-Markopoulou, "Ru and Rh complexes: structure control agents and hydrogenation catalysts of tetramic acids" (poster presentation).
 32. 20th Panhellenic Conference on Chemistry (2005, Ioannina, Greece). A. Panas, M. Ioannou, E. Petalidou, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Selective oxidation of alcohols to carbonyl compounds with the redox couple $[W_2(\mu-Cl)_3Cl_6]^{n-}$ (n = 2, 3)" (poster presentation).
 33. 20th Panhellenic Conference on Chemistry (2005, Ioannina, Greece). V. Stassinopoulou, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Catalytic polymerisation of disubstituted alkynes with dinuclear rhenium and molybdenum complexes" (poster presentation).
 34. 9th Hellenic Catalysis Symposium (2006, Lefkada, Greece). E. Petalidou, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Selective oxidation of alcohols to carbonyl compounds by binuclear W(III) complexes" (poster presentation).
 35. 9th Hellenic Catalysis Symposium (2006, Lefkada, Greece). G. Floros, P. Paraskevopoulou, N. Saragas, N. Psaroudakis, K. Mertis, "Catalytic cationic polymerization of cyclopentadiene by binuclear W(II) complexes" (poster presentation).
 36. 9th Hellenic Catalysis Symposium (2006, Lefkada, Greece). G. Floros, V. Stassinopoulou, I. Choinopoulos, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Catalytic polymerization of disubstituted alkynes by binuclear rhenium and molybdenum complexes" (poster presentation).
 37. 9th Hellenic Catalysis Symposium (2006, Lefkada, Greece). K. Ntourakis, P. Paraskevopoulou, N. Psaroudakis, K. Mertis, "Catalytic reactivity of binuclear and trinuclear Re(III) clusters towards methylene transfer reactions" (poster presentation).
 38. 2nd Hellenic Green Chemistry Conference (2007, Patras, Greece). E. Petalidou, P. Paraskevopoulou, M. Ioannou, N. Psaroudakis, K. Mertis, "Aerobic selective oxidation of alcohols to carbonyl compounds by binuclear tungsten complexes" (poster presentation).
 39. 9th FIGIPAS Meeting in Inorganic Chemistry (2007, Vienna, Austria). G. Floros, N. Saragas, I. Xoinopoulos, P. Paraskevopoulou, N. Psaroudakis, M. Pitsikalis, K. Mertis, "Metathetical polymerization of alkynes with the quadruply bonded octachloroditungstate $[W_2Cl_8]^{4-}$ anion" (poster presentation).

40. XVII EuCheMS Conference on Organometallic Chemistry (COMC-17) (2007, Sofia, Bulgaria). G. Floros, N. Saragas, P. Paraskevopoulou, N. Psaroudakis, M. Pitsikalis, K. Mertis "Polymerization of bulky monosubstituted alkynes with ditungsten metal-metal bonded complexes" (poster presentation).
41. International Conference on the Science and Technology of Synthetic Metals (ICSM08) (2008, Pernambuco, Brazil). G. C. Papavassiliou, G. C. Anyfantis, A. Terzis, C. P. Raptopoulou, V. Psycharis, P. Kyritsis, P. Paraskevopoulou "Air-stable unsymmetrical nickel 1,2-dithiolene complexes as candidate materials for optics and electronics" (poster presentation).
42. Solid State Chemistry Conference 2008 (2008, Cancun, Mexico). G. C. Papavassiliou, G. C. Anyfantis, A. Terzis, V. Psycharis, C. P. Raptopoulou, P. Kyritsis, P. Paraskevopoulou, Y. Takahashi "Air-stable unsymmetrical nickel 1,2-dithiolene complexes as candidate materials for optics and electronics" (poster presentation).
43. 10th Hellenic Catalysis Symposium (2008, Metsovo, Greece). N. Saragas, G. Floros, P. Paraskevopoulou, N. Psaroudakis, S. Koinis, M. Pitsikalis, K. Mertis "Catalytic polymerization of monosubstituted acetylenes by the binuclear $\text{Na}[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_4(\text{THF})_2]\cdot(\text{THF})_3$ complex" (poster presentation).
44. COST D35 Workshop "Dithiolenes and non-innocent redox-active ligands" (2009, Athens, Greece). P. Paraskevopoulou, R. Dinda, D. Pinnapareddy, R. Çelenligil-Çetin, Y. Sanakis, P. Stavropoulos "Trisamido-amine complexes that undergo both metal- and ligand-centered oxidative transformations" (poster presentation).
45. 10th FIGIPAS Meeting in Inorganic Chemistry (2009, Palermo, Italy). N. Saragas, G. Floros, P. Paraskevopoulou, N. Psaroudakis, S. Koinis, M. Pitsikalis, K. Mertis "Efficient polymerization of 1-alkynes with a triply bonded ditungsten halo-complex" (poster presentation).
46. 10th FIGIPAS Meeting in Inorganic Chemistry (2009, Palermo, Italy). E. Petalidou, P. Paraskevopoulou, M. Ioannou, N. Psaroudakis, S. Koinis, K. Mertis "Oxidation of the perchloroditungstate anions $[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_6]^{n-}$ (n = 3, 2) by molecular oxygen" (poster presentation).
47. 3rd Symposium for Green Chemistry and Sustainable Development (2009, Thessaloniki, Greece). N. Saragas, G. Floros, P. Paraskevopoulou, N. Psaroudakis, S. Koinis, M. Pitsikalis, K. Mertis "Polymerization of phenylacetylene with a triply bonded ditungsten halo-complex" (poster presentation).
48. 2nd Mediterranean Conference on Nano-Photonics – MediNano-2 (2009, Athens, Greece). G. C. Papavassiliou, G. C. Anyfantis, A. Terzis, V. Psycharis, C. P. Raptopoulou, P. Kyritsis, P. Paraskevopoulou, Y. Takahashi, T. Hasegawa "Neutral unsymmetrical metal 1,2-dithiolene complexes, as candidate materials for optics and electronics" (poster presentation).
49. 3rd Conference of Postgraduate Students in Greece-Cyprus (2000, Cyprus). A. Seressioti, G. Floros, P. Paraskevopoulou, C. Makedonas, M. Ioannou, C.-A. Mitsopoulou, K. Mertis "Synthesis, characterization and chemical reactivity of the $(^t\text{Bu}_4\text{N})_2[\text{Mo}_3(\mu_3\text{-Br})_2(\mu\text{-Br})_3\text{Br}_6]$ cluster" (poster presentation).
50. 2nd Conference of Chemistry Postgraduate Students (2010, Athens, Greece). A. Seressioti, G. Floros, P. Paraskevopoulou, C. Makedonas, M. Ioannou, C.-A. Mitsopoulou, K. Mertis "Synthesis, characterization and chemical reactivity of the $(^t\text{Bu}_4\text{N})_2[\text{Mo}_3(\mu_3\text{-Br})_2(\mu\text{-Br})_3\text{Br}_6]$ cluster" (poster presentation).
51. 1st ARCADE Workshop (2010, Athens, Greece). P. Paraskevopoulou, K. Mertis "Oxidation of the perchloroditungstate anions $[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_6]^{n-}$ (n = 3, 2) by molecular oxygen - applications to organic

- transformations” (poster presentation).
52. 11th Hellenic Catalysis Symposium (2010, Athens, Greece). F. Agrafioti, P. Paraskevopoulou, G. Floros, M. Pitsikalis, K. Mertis “Catalytic ring opening metathesis copolymerization of norbornene and 5-vinyl-2-norbornene” (poster presentation).
53. 11th Hellenic Catalysis Symposium (2010, Athens, Greece). G. Floros, P. Paraskevopoulou, N. Saragas, N. Psaroudakis, M. Pitsikalis, K. Mertis “Catalytic polymerization of cyclopentadiene and dicyclopentadiene with the dinuclear complex $\text{Na}[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_4(\text{THF})_2]\cdot(\text{THF})_3$ ” (poster presentation).
54. 11th Hellenic Catalysis Symposium (2010, Athens, Greece). A. Seressioti, G. Floros, P. Paraskevopoulou, C. Makedonas, M. Ioannou, C.-A. Mitsopoulou, K. Mertis “Study of the catalytic reactivity of the $(^n\text{Bu}_4\text{N})_2[\text{Mo}_3(\mu_3\text{-Br})_2(\mu\text{-Br})_3\text{Br}_6]$ cluster” (poster presentation). **Poster Award**
55. 8th Hellenic Polymer Society Symposium (2010, Crete, Greece). F. Agrafioti, P. Paraskevopoulou, G. Floros, M. Pitsikalis, K. Mertis “Ring opening metathesis copolymerization of norbornene and 5-vinyl-2-norbornene” (poster presentation).
56. 8th Hellenic Polymer Society Symposium (2010, Crete, Greece). G. Floros, P. Paraskevopoulou, N. Saragas, N. Psaroudakis, M. Pitsikalis, K. Mertis “Catalytic polymerization of cyclopentadiene and dicyclopentadiene with the ditungsten complex $\text{Na}[\text{W}_2(\mu\text{-Cl})_3\text{Cl}_4(\text{THF})_2]\cdot(\text{THF})_3$ ” (poster presentation).
57. Fourth North America-Greece-Cyprus Workshop on Paramagnetic Materials (2011, Patras, Greece). P. Paraskevopoulou, R. Dinda, R. Çelenligil-Çetin, D. Pinnapareddy, G. Floros, Y. Sanakis, P. Stavropoulos “Transition metal triphenylamido-amine complexes that undergo metal- and ligand-centered oxidative transformations” (oral presentation).
58. 11th Greece-Cyprus Conference (2011, Limassol, Cyprus). P. Paraskevopoulou, S. Christodoulou, M. Pitsikalis, P. Stavropoulos “Study of the redox chemistry of new trisamido-amine complexes and of their catalytic reactivity towards olefin polymerization” (poster presentation).
59. 11th Panhellenic Chemistry Conference (2011, Thessaloniki, Greece). P. Paraskevopoulou, S. Christodoulou, M. Pitsikalis, P. Stavropoulos “Iron, manganese and cobalt complexes as catalysts for the radical atom transfer polymerization (ATRP)” (poster presentation).
60. 11th Panhellenic Chemistry Conference (2011, Thessaloniki, Greece). P. Paraskevopoulou, A. Seressioti, G. Floros, C. Makedonas, M. Ioannou, C.-A. Mitsopoulou, K. Mertis “Study of catalytic reactivity of the cluster $(^n\text{Bu}_4\text{N})_2[\text{Mo}_3(\mu_3\text{-Br})_2(\mu\text{-Br})_3\text{Br}_6]$ metathesis polymerization reactions» (poster presentation).
61. 9th Hellenic Polymer Society Symposium (2012, Thessaloniki, Greece). F. Agrafioti, P. Paraskevopoulou, G. Floros, E. Batagianni, M. Pitsikalis, K. Mertis “Ring opening metathesis copolymerization of norbornene and 5-vinyl-2-norbornene” (poster presentation).
62. XXV International Conference on Organometallic Chemistry (2012, Lisbon, Portugal). P. Paraskevopoulou, G. Raptopoulos, V. Bagchi, P. Das, S. Christodoulou, Q. Wang, L. Ai, A. Choudhury, M. Pitsikalis, P. Stavropoulos “Controlled radical polymerization induced by a new family of Co(II) triphenylamido-amine complexes” (poster presentation).
63. Fifth North America-Greece-Cyprus Workshop on Paramagnetic Materials (2013, Limassol, Cyprus). P.

- Paraskevopoulou, G. Raptopoulos, M. Pitsikalis, P. Stavropoulos “Developing new catalytic systems for polymerization reactions” (oral presentation).
64. XXVI International Conference on Coordination and Bioinorganic Chemistry (2013, Smolenice, Slovakia). A. Grigoropoulos, E. Lianos, P. Paraskevopoulou, M. Pitsikalis, K. Mertis “Metathesis polymerization of norbornene and phenylacetylene induced by the ditungsten complex $[\text{Ph}_4\text{P}]_2[\text{W}_2(\mu\text{-Br})_3\text{Br}_6]$ ” (poster presentation).
65. 20th EuCheMS Conference on Organometallic Chemistry (2013, St. Andrews, Scotland). K. Mertis, P. Paraskevopoulou, A. Grigoropoulos, M. Pitsikalis “Metal-metal bonds in metathesis reactions” (poster presentation).
66. 46th Heyrovský Discussion (2013, Třešt, Czech Republic). P. Paraskevopoulou, V. Bagchi, P. Das, G. Raptopoulos, P. Stavropoulos “Trisamido-amine complexes that undergo metal- and ligand-centered oxidative transformations” (oral presentation).
67. ISACS13: Challenges in Inorganic and Materials Chemistry (2014, Dublin, Ireland). D. Chriti, A. Grigoropoulos, K. Kyriakou, G. Raptopoulos, P. Paraskevopoulou, M. Pitsikalis, K. Mertis “Metathesis polymerization reactions induced by ditungsten complexes with multiple metal-metal bonds” (poster presentation).
68. ISACS13: Challenges in Inorganic and Materials Chemistry (2014, Dublin, Ireland). K. Kyriakou, G. Raptopoulos, A.-P. Maroudas, P. Paraskevopoulou, M. Pitsikalis, K. Mertis “Ring opening metathesis copolymerization of norbornene and norbornadiene induced by a ditungsten complex with a triple metal-metal bond” (poster presentation).
69. ISACS13: Challenges in Inorganic and Materials Chemistry (2014, Dublin, Ireland). G. Raptopoulos, V. Bagchi, P. Das, Q. Wang, A. Choudhury, M. Pitsikalis, P. Paraskevopoulou, P. Stavropoulos “Catalytic activity of triphenylamido-amine complexes in controlled radical polymerization reactions” (poster presentation).
70. 3rd International Symposium on Controlled/Living Polymerization. From Synthesis to Applications (2014, Antalya, Turkey). A. Maroudas, C. Nikovia, P. Paraskevopoulou, M. Pitsikalis “Diblock and pseudo-diblock copolymers of norbornene and cyclopentene by Ring Opening Metathesis Polymerization” (poster presentation).
71. 3rd International Symposium on Controlled/Living Polymerization. From Synthesis to Applications (2014, Antalya, Turkey). C. Nikovia, A. Maroudas, P. Goulis, P. Paraskevopoulou, M. Pitsikalis “Statistical ring opening metathesis copolymerization of norbornene and cyclopentene by Grubbs 1st generation catalyst” (poster presentation).
72. 3rd International Symposium on Controlled/Living Polymerization. From Synthesis to Applications (2014, Antalya, Turkey). G. V. Theodosopoulos, P. Paraskevopoulou, M. Pitsikalis “Synthesis of well-defined grafted polymers and molecular brushes through the combination of anionic polymerization and ROMP” (poster presentation).
73. 10th Greek Polymer Conference (2014, Patras, Greece). A. Maroudas, C. Nikovia, P. Goulis, P. Paraskevopoulou, M. Pitsikalis “Diblock and pseudo-diblock copolymers of norbornene and cyclopentene by Ring Opening Metathesis Polymerization” (poster presentation).

74. 10th Greek Polymer Conference (2014, Patras, Greece). M. Droulia, V. Asimopoulou-Marinou, P. Paraskevopoulou, M. Pitsikalis “Statistical and block copolymers based on 2-methacryloyloxyethyl ferrocenecarboxylate (MAEFC)” (poster presentation). **2nd Best Poster Award**
75. 10th Greek Polymer Conference (2014, Patras, Greece). C. Nikovia, A. P. Maroudas, P. Goulis, D. Tzimis, P. Paraskevopoulou, M. Pitsikalis “Statistical ring opening metathesis copolymerization of norbornene and cyclopentene by Grubbs 1st generation catalyst” (poster presentation).
76. International Seminar on Aerogels (2014, Hamburg, Germany). P. Paraskevopoulou “Synthesis and chemical modification of polydicyclopentadiene aerogels” (poster presentation).
77. 1st COST CM1305 Scientific Workshop (2014, Girona, Spain). P. Paraskevopoulou “Developing New Catalytic Systems for Radical and Metathesis Polymerization Reactions” (oral presentation).
78. 2nd COST CM1305 Scientific Workshop (2015, Marseille, France). D. Chriti, A. Grigoropoulos, M. Pitsikalis, P. Paraskevopoulou “Polymerization reactions induced by ditungsten complexes with metal-metal bonds” (poster presentation).
79. Sixth North America-Greece-Cyprus Workshop on Paramagnetic Materials (2015, Athens, Greece). P. Paraskevopoulou, N. Leventis, G. Raptopoulos, D. Chriti, G. C. Anyfantis “Synthesis and Properties of Polydicyclopentadiene Gels” (oral presentation).
80. Polymeric Materials: Science and Engineering, Spring Meeting 2015 (2015, Denver, CO, USA). C. Nikovia, A.-P. Maroudas, P. Goulis, P. Paraskevopoulou, M. Pitsikalis “Ring Opening Metathesis Polymerization for the synthesis of complex macromolecular architectures” (oral presentation).
81. COST action CM1305 (Summer School): Spectroscopy of Spin in Catalysis, Bioinorganic and Materials Chemistry: spinning a web of theory and practice (2015, Groningen, Netherlands). D. Chriti, A. Grigoropoulos, G. Raptopoulos, M. Pitsikalis, P. Paraskevopoulou “Metathesis polymerization reactions induced by ditungsten complexes with multiple metal-metal bonds” (poster presentation).
82. 3rd COST CM1305 Scientific Workshop (2015, Belgrade, Serbia). D. Chriti, A. Grigoropoulos, G. Raptopoulos, M. Pitsikalis, P. Paraskevopoulou “Metathesis polymerization reactions induced by ditungsten complexes with metal-metal bonds” (poster presentation).
83. International Symposium on Amphiphilic Polymers, Networks, Gels and Membranes (2015, Budapest, Hungary). M. Droulia, C. Nikovia, V. Asimopoulou-Marinou, G. Theodosopoulos, P. Paraskevopoulou, M. Pitsikalis “Amphiphilic copolymers of 2-methacryloyloxyethyl ferrocenecarboxylate (MAEFC)” (poster presentation).
84. International Symposium on Amphiphilic Polymers, Networks, Gels and Membranes (2015, Budapest, Hungary). M. Pitsikalis, M.-E. Kourti, E. Batagianni, G. Theodosopoulos, C. Nikovia, P. Paraskevopoulou “Metal-mediated polymerization for the synthesis of amphiphilic copolymers” (oral presentation).
85. International Symposium on Ionic Polymerization (2015, Bordaeux, France). C. Nikovia, G.V. Theodosopoulos, I. Choinopoulos, P. Paraskevopoulou, M. Pitsikalis “Macromonomers as building blocks for the synthesis of complex macromolecular architecture employing ring opening metathesis polymerization” (poster presentation).

86. 4th COST CM1305 Scientific Workshop (2016, Krakow, Poland). P. Paraskevopoulou, G. Raptopoulos, G.C. Anyfantis, D. Chriti “Synthesis and characterization of poly(dicyclopentadiene) gels obtained using a novel ditungsten versus W and Ru mononuclear catalysts” (poster presentation).
87. 22nd Panhellenic Chemistry Conference (2016, Thessaloniki, Greece). D. Chriti, G. Raptopoulos, G. Anyfantis, P. Paraskevopoulou “Synthesis of polyurea aerogel powders with three different procedures” (poster presentation).
88. 22nd Panhellenic Chemistry Conference (2016, Thessaloniki, Greece). N. Anastasiadis, G. Raptopoulos, P. Paraskevopoulou, A. Raptopoulou, V. Psycharis, S. P. Perlepes “Mononuclear, dinuclear and polynuclear complexes of trivalent lanthanides with multidentate Schiff bases as ligands: Synthetic, structural and catalytic studies” (poster presentation).
89. 3rd International Seminar on Aerogels (2016, Sophia-Antipolis, France). G. C. Anyfantis, D. Chriti, G. Raptopoulos, P. Paraskevopoulou “A comparison of polyurea aerogel powders from three different synthetic procedures” (poster presentation).
90. 3rd International Seminar on Aerogels (2016, Sophia-Antipolis, France). A. Kanellou, G.C. Anyfantis, D. Chriti, G. Raptopoulos, P. Paraskevopoulou “Polymeric aerogels via ring opening metathesis polymerization of urethane-norbornene star monomers” (poster presentation).
91. 3rd International Seminar on Aerogels (2016, Sophia-Antipolis, France). A. Kanellou, D. Chriti, P. Paraskevopoulou “Carbon aerogels from pyrolysis of isocyanate-derived polymeric aerogels” (poster presentation).
92. 3rd International Seminar on Aerogels (2016, Sophia-Antipolis, France). G. Raptopoulos, D. Chriti, G. Anyfantis, P. Paraskevopoulou “Synthesis and properties of polydicyclopentadiene gels” (poster presentation).
93. Athens International Catalysis Symposium (2016, Athens, Greece). D. Chriti, G. Raptopoulos, G. Anyfantis, P. Paraskevopoulou “Synthesis of polyurea aerogel powders with three different procedures” (poster presentation).
94. Athens International Catalysis Symposium (2016, Athens, Greece). A. Kanellou, G. Anyfantis, D. Chriti, G. Raptopoulos, P. Paraskevopoulou “Polymeric aerogels via Ring Opening Metathesis Polymerization of aliphatic and aromatic urethane-norbornene star monomers” (poster presentation).
95. Athens International Catalysis Symposium (2016, Athens, Greece). G. Raptopoulos, D. Chriti, G. Anyfantis, P. Paraskevopoulou “Synthesis and properties of high-*cis* polydicyclopentadiene gels” (poster presentation).
96. Athens International Catalysis Symposium (2016, Athens, Greece). G. Raptopoulos, D. Chriti, G. Anyfantis, P. Paraskevopoulou “Hansen Solubility Parameters and potential applications of poly(dicyclopentadiene) gels” (oral presentation).
97. 4th International Seminar on AEROGELS-2018 (2018, Hamburg, Germany). P. Paraskevopoulou, M. Papastergiou, D. Chriti, G. Raptopoulos “Poly(urethane-acrylate) aerogels via radical polymerization of dendritic urethane-acrylate monomers with rigid versus flexible cores” (oral presentation).
98. 15th Panhellenic Catalysis Symposium (2018, Ioannina, Greece). M. Papastergiou, D. Chriti, G. Raptopoulos, P. Paraskevopoulou “Synthesis of polyurea aerogels with metal-based catalysts” (poster presentation).

99. 15th Panhellenic Catalysis Symposium (2018, Ioannina, Greece). G. Raptopoulos, D. Chriti, G. C. Anyfantis, P. Paraskevopoulou “Polydicyclopentadiene gels via ROMP: Comparison between Catalytic Systems of Ru and W” (poster presentation).
100. 15th Panhellenic Catalysis Symposium (2018, Ioannina, Greece). E. Effraimopoulou, M. Papastergiou, D. Chriti, G. Raptopoulos, P. Paraskevopoulou “Organic aerogels from dendritic monomers with aliphatic or aromatic cores” (poster presentation).
101. 15th Panhellenic Catalysis Symposium (2018, Ioannina, Greece). P. Paraskevopoulou, G. Raptopoulos, M. Papastergiou, D. Chriti “Metathesis polymerization of alkynes and cycloolefins catalysed by ditungsten clusters” (oral presentation).
102. 15th Panhellenic Catalysis Symposium (2018, Ioannina, Greece). D. Chriti, G. Raptopoulos, M. Papastergiou, P. Paraskevopoulou “Organic aerogels via metathesis polymerization with a ditungsten cluster” (oral presentation).
103. Athens Conference on Advances in Chemistry – acac2018 (2018, Athens, Greece). M. Papastergiou, D. Chriti, G. Raptopoulos, P. Paraskevopoulou “Metal compounds as catalysts for the synthesis of polyurea aerogels - Comparison with organocatalysts” (poster presentation).
104. Athens Conference on Advances in Chemistry – acac2018 (2018, Athens, Greece). G. Raptopoulos, D. Chriti, G. C. Anyfantis, P. Paraskevopoulou “Polydicyclopentadiene gels via ROMP: Comparison between catalytic systems of Ru and W and applications in environmental remediation” (poster presentation). **Best Poster Award**
105. Athens Conference on Advances in Chemistry – acac2018 (2018, Athens, Greece). E. Effraimopoulou, M. Papastergiou, D. Chriti, G. Raptopoulos, P. Paraskevopoulou “Organic aerogels with high degree of crosslinking via polymerization of dendritic monomers” (poster presentation).
106. Athens Conference on Advances in Chemistry – acac2018 (2018, Athens, Greece). D. Chriti, G. Raptopoulos, M. Papastergiou, P. Paraskevopoulou “Polydicyclopentadiene/polynorbornadiene aerogels via ring opening metathesis polymerization catalyzed by a ditungsten cluster” (poster presentation).
107. PARTEC: International Congress on Particle Technology (2019, Nurnberg, Germany). P. Paraskevopoulou, D. Chriti, G. Raptopoulos, M. Papastergiou, B. Milow, B. Brandenburg “Carbon-based aerogels for adsorption of toxic gases and air decontamination” (oral presentation).
108. Green Chemistry and Sustainable Development: 6th Panhellenic Symposium with International Participation (2019, Athens, Greece). G. Raptopoulos, D. Chriti, F. Leontaridou, M. Papastergiou, P. Paraskevopoulou “ROMP-derived aerogels for environmental remediation” (poster presentation).
109. Green Chemistry and Sustainable Development: 6th Panhellenic Symposium with International Participation (2019, Athens, Greece). E. Effraimopoulou, D. Chriti, M. Papastergiou, G. Raptopoulos, P. Paraskevopoulou “Metal-catalyzed synthesis of polyurea aerogels” (poster presentation).
110. International Conference on Aerogels for Biomedical and Environmental Applications (2020, Santiago de Compostela, Spain). P. Paraskevopoulou, I. Smirnova, P. Gurikov, T. Athamneh, M. Papastergiou, D. Chriti, G. Raptopoulos “Metal-doped novel hybrid alginate aerogels” (oral presentation).

111. Online Aerogel Seminar 2020. G. Raptopoulos, P. Paraskevopoulou “Metal-doped biopolymer-based aerogels for catalytic applications” (poster presentation).
112. Online Aerogel Seminar 2020. P. Paraskevopoulou, I. Smirnova, P. Gurikov, T. Athamneh, M. Papastergiou, D. Chriti, G. Raptopoulos, F. Leontaridou, E. Effraimopoulou “Polyurea-crosslinked biopolymer aerogels – Synthesis, properties and applications” (oral presentation).
113. Athens Conference on Advances in Chemistry – acac2020 (2021, online). G. Raptopoulos, P. Paraskevopoulou “Polylactide-crosslinked alginate aerogels” (flash presentation).
114. Athens Conference on Advances in Chemistry – acac2020 (2021, online). F. Leontaridou, G. Raptopoulos, M. Papastergiou, A. Sakellari, S. Karavoltsos, P. Paraskevopoulou “Evaluation of polyurea-crosslinked alginate aerogels for seawater decontamination” (flash presentation).
115. Athens Conference on Advances in Chemistry – acac2020 (2021, online). E. Effraimopoulou, D. Chriti, M. Papastergiou, G. Raptopoulos, P. Paraskevopoulou “Synthesis of polyurea aerogels with first-row transition metal catalysts” (flash presentation).
116. Materials Science & Technology – MS&T21 (2021, Columbus OH, USA). M.R. Sala, S. Ghimire, G. Raptopoulos, P. Paraskevopoulou, F. Sabri “In vitro Investigation and Characterization of Resorption and Degradation Behavior of X-Ca-Alginate Aerogels for Tissue Scaffold Applications” (poster presentation).
117. 1st Panhellenic Workshop on Inorganic Chemistry (2021, Patras, Greece). P. Paraskevopoulou “Polyurea-Crosslinked Biopolymer Aerogels: A New Class of Materials with Diverse Applications” (oral presentation).
118. 2022 North America-Greece-Cyprus Conference - 2022 NAGC (2022, Ayia Napa, Cyprus). P. Paraskevopoulou “Polyurea-crosslinked biopolymer aerogels: A new class of materials with diverse applications” (oral presentation).
119. 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece). E. Georgiou, I. Pashalidis, G. Raptopoulos, P. Paraskevopoulou “Efficient removal of polyvalent metal ions (Eu(III) and Th(IV)) from aqueous solutions by polyurea crosslinked alginate aerogels” (poster presentation).
120. 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece). A. Gomatos, G. Raptopoulos, P. Paraskevopoulou “Effect of the initial solution and the type of the isocyanate on the properties of polyurea-crosslinked alginate aerogels” (poster presentation).
121. 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece). E. Sigala, A. Zoi, G. Raptopoulos, A. Sakellari, S. Karavoltsos, P. Paraskevopoulou “Evaluation of polyurea-crosslinked alginate aerogels for water decontamination from mercury” (poster presentation).
122. 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece). K.-V. Vourliotaki, G. Raptopoulos, P. Paraskevopoulou “Polyurea-crosslinked alginate aerogels targeting antibacterial applications” (poster presentation).
123. 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece). A. Zoi, G. Raptopoulos, A. Sakellari, S. Karavoltsos, P. Paraskevopoulou “Removal of metal ions from aqueous solutions by polyurea-crosslinked alginate gels” (poster presentation).

124. 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece). N. Samartzis, M. Athanasiou, G. Raptopoulos, P. Paraskevopoulou, T. Ioannides “Nitrogen- and metal-doped alginate-derived carbon aerogels for supercapacitor applications” (poster presentation).
125. 2nd International Conference on Aerogels for Biomedical and Environmental Applications (2022, Athens, Greece). E. Effraimopoulou, P. Paraskevopoulou, P. Gurikov “Novel whey protein-based aerogels with improved hydration properties” (poster presentation). **Best Poster Award**
126. Athens Conference on Advances in Chemistry – acac2022 (2022, Athens, Greece). E. Sigala, A. Zoi, G. Raptopoulos, A. Sakellari, S. Karavoltos, P. Paraskevopoulou “Evaluation of polyurea-crosslinked alginate aerogels for water decontamination from heavy metals” (flash presentation).
127. Athens Conference on Advances in Chemistry – acac2022 (2022, Athens, Greece). A. Gomatos, G. Raptopoulos, P. Paraskevopoulou. “Comparison of the properties of polyurea-crosslinked alginate aerogels prepared from different types of isocyanates and under various reaction conditions” (flash presentation).
128. 6th International Seminar on AEROGELS-2022 (2022, Hamburg, Germany). P. Paraskevopoulou “Polyurea-crosslinked biopolymer aerogels: A new class of materials with diverse applications” (oral presentation).
129. 6th International Seminar on AEROGELS-2022 (2022, Hamburg, Germany). E. Effraimopoulou, P. Paraskevopoulou, P. Gurikov “Hydrophobic whey protein-based aerogels” (oral presentation).
130. Workshop on Aerogels Characterization and Modelling (2023, Debrecen, Hungary). P. Paraskevopoulou “Polyurea-crosslinked biopolymer aerogels as a versatile platform for design and synthesis of nanostructured materials for environmental applications” (oral presentation).
131. 2023 Joint CTMNM/NAGC Conference (2023, Spetses, Greece). P. Paraskevopoulou “Polyurea-crosslinked biopolymer aerogels as a versatile platform for the design and synthesis of nanostructured materials for environmental and biomedical applications” (oral presentation).
132. 2nd Symposium of Graduate Students of the Department of Chemistry NKUA (2023, Athens, Greece). A. Gomatos, G. Raptopoulos, P. Paraskevopoulou “Polyurea-crosslinked alginate aerogels – how does the nature of polyurea affect their material properties?” (oral presentation).
133. 2nd Symposium of Graduate Students of the Department of Chemistry NKUA (2023, Athens, Greece). A. Zoi, G. Raptopoulos, A. Sakellari, S. Karavoltos, P. Paraskevopoulou “Comparison of different polyurea-crosslinked alginate aerogels for the removal of metal ions from aqueous solutions” (oral presentation).
134. 2nd Symposium of Graduate Students of the Department of Chemistry NKUA (2023, Athens, Greece). E. Sigala, A. Zoi, G. Raptopoulos, P. Paraskevopoulou, A. Sakellari, S. Karavoltos “Capture and removal of mercury and dyes from aqueous environments using polyurea cross-linked calcium alginate aerogels” (oral presentation).
135. 2nd Symposium of Graduate Students of the Department of Chemistry NKUA (2023, Athens, Greece). K.-V. Vourliotaki, G. Raptopoulos, P. Paraskevopoulou, E. Kollia, V. Valdramidis “Evaluation of polyurea-crosslinked alginate aerogels for antibacterial applications” (oral presentation).
136. 3rd International Conference on Aerogels for Biomedical and Environmental Applications (2023, Maribor, Slovenia). P. Paraskevopoulou “Polyurea-crosslinked alginate aerogels – design and synthesis of nanostructured materials with diverse applications” (oral presentation).

- 137.** 2nd Panhellenic Symposium on Inorganic Chemistry (2023, Athens, Greece). A. Chrysis, G. Raptopoulos, P. Paraskevopoulou “Polyurea-crosslinked iron alginate aerogels and magnetic carbon aerogels” (poster presentation).
- 138.** 2nd Panhellenic Symposium on Inorganic Chemistry (2023, Athens, Greece). E. Sigala, A. Zoi, G. Raptopoulos, A. Sakellari, S. Karavoltsos, P. Paraskevopoulou “Decontamination of aqueous environments from mercury and organic dyes using polyurea cross-linked calcium alginate aerogels” (poster presentation).
- 139.** 2nd Panhellenic Symposium on Inorganic Chemistry (2023, Athens, Greece). K.-V. Vourliotaki, G. Raptopoulos, P. Paraskevopoulou, E. Kollia, V. Valdramidis “Synthesis and characterization of novel polyurea-crosslinked alginate aerogels for antibacterial applications” (poster presentation).
- 140.** 2nd Panhellenic Symposium on Inorganic Chemistry (2023, Athens, Greece). P. Paraskevopoulou “Polyurea-crosslinked alginate aerogels – design and synthesis of novel nanostructured materials with diverse applications” (oral presentation).
- 141.** 10th International Conference on Micro-Nanoelectronics, Micro-Nanosciences & Nanotechnologies (Micro Nano 2023, Athens, Greece). P. Paraskevopoulou “Polyurea-crosslinked biopolymer aerogels – a new class of nanostructured materials with diverse applications” (oral presentation).
- 142.** Complex Days (2024, Nice, France). E. Effraimopoulou, P. Paraskevopoulou, M. Beaumont, T. Rosenau, J. Jaxel, T. Budtova, A. Rigacci “From hydrophilic to hydrophobic: Pectin aerogels for thermal insulation applications” (oral presentation).
- 143.** 20th European Meeting on Supercritical Fluids (2024, Maribor, Slovenia). B. Schroeter, P. Pein, P. Gurikov, A. Ravanou, P. Paraskevopoulou, I. Smirnova “Biopolymer based carbon aerogels: Influence of crosslinking strategy and pyrolysis conditions on textural properties” (oral presentation).