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Selcuk University, Department of Chemistry, Kampus,
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EDUCATION

<u>Ph.D.</u> degree in Chemistry, Glasgow University, UK	1994
<u>M.Sc.</u> degree in Chemistry Selcuk University, Turkey	1987
<u>B.Sc.</u> in Chemical Engineering, Selcuk University, Turkey	1985

RESEARCH EXPERIENCE

Research Assistant , Department of Chemistry, Selcuk University, Turkey	1986-1990
Doctoral Student , Department of Chemistry, Glasgow University, UK "The Role of Ion Exchange in the Movement of Chemicals through Periderm and Cuticular Membranes"	1990-1994
Assistant Professor , Department of Chemistry, Selcuk University, Turkey	1995-1998
Associate Professor of Physical Chemistry, Department of Chemistry, Selcuk University,	1998-2004
Postdoctorate , GKSS Research (Membrane) Center, Germany	1997
Visiting Scientist , Surfactant&Colloid Group, Chem. Dept. Hull University	2001-2002
Professor of Physical Chemistry, Department of Chemistry, Selcuk University,	2004-present

HONOURS, AWARDS, FELLOWSHIP

"**Junior Scientists award**" in Natural Sciences in 1998, TUBİTAK, The Scientific and Technical Research Council of Turkey.

Postdoctorate Fellowship, (1997), TUBİTAK, The Scientific and Technical Research Council of Turkey, (NATO-B2).

PhD scholarship (in abroad), Turkish Higher Educational Council (YOK)

"**Scientists award**" in 1999, TUBAV, Turkish Sciences-Research Foundation.

"**Scientists award**" in 2001, TUBAV, Turkish Sciences-Research Foundation.

"**Visiting fellowship**" Leverhulme Trust, Department of Chemistry, Hull University, UK

"Principal Member of The Turkish Academy of Sciences" 2012-

"COST Scientific Committee Member" 2015-

ADMINISTRATIVES (ACADEMIC)

Dean, Faculty of Science, Selcuk University, (2009-2012)
Director, Advanced Technology Research and Application Center, S.U. (2005-)
Deputy, Natural Products Research and Application Center, S.U. (2013-)
Head of Department, Faculty of Science, S.U. (2006-2009)
Vice Director, S:U. Institute of Natural Sciences (1999-2001)

ACADEMICS

Associate Editor, Frontiers in Water Resources Quality and Management (2013-)
Member of Specialist group Metals and Related Substances in
Drinking Water, IWA (2010-)
Coordinator, Training for International project proposal preparation (2013)
Trainee, Project proposal preparation for TUBITAK, in Basic Sciences
Foundation Member/Turkish Representative, Muslim Water Researchers Cooperation
(MUWAREC) (2008-)
Committee member, S.U. Scientific Research Projects Coordination (2004-2009)
Foundation member, Konya S.Ü. Teknopark, (2003-2005)
Foundation member, S.Ü. Advanced Technology Research Application Center (2001-2003)
Member, S.U. Faculty of Arts and Science Faculty Council (2004-2006)
Referee (SCI papers, over 200 articles (1994-)
Panelist, TÜBİTAK, TBAG, MAG, BİDEP, ÇAYDAĞ projects
Referee, Ministry of Science and Industry, R&D Centers projects
Panelist Ministry of Science and Industry, Technopreneurship projects

CONSULTANCY, COORDINATOR

Coordinator, Nanomaterials and Nanotechnologies Cluster,
COST MP1106 Action (2013- =)
Member of Specialist group Metals and Related Substances in
Drinking Water, IWA (2010-)
R&D-innovation Committee, Chemistry sector,
The Union of Chambers and Commodity Exchanges of Turkey (2010-)
Konya Chamber of Industry (Chairman of Consultants Committee) (2010-)
Konya Chamber of Industry (2005-2010)
Konya Provincial Administration (2005-2007)
International Dual Diploma Degree Program between S.Ü Chemistry,
Montana State Uni. Department of Chemistry-Biochemistry (2006-)
Department of Chemistry Erasmus/Socrates (2005-2008)
Selcuk University, Technopolis, Nanotechnology Thematic Member

NGO ACTIVITIES

Scottish Friends of Bosnia, Secretary (1992-1994)

Glasgow University, Presidency of Turkish Student Association (1992-1994)
Konya Crimean Turks Culture &Solidarity Association, Steering Com. Member
German Friendship Association, Steering Committee Member (2009-)

INVITED PUBLICATIONS:

M. Ersoz, "Transport of Mercury through Liquid Membranes Containing Calixarene Carriers" In, *Advances in Colloid and Interface Science, Volumes 134-135*, 96-104 (2007)

M. Ersoz, In the category on "*Biologically Important Interfaces*" for the "*Encyclopedia of Surface and Colloid Science*", Marcel Dekker

M. Ersoz; In: *Handbook of Advanced Polymeric Metarials*" Chap. 18, 259-276 (1997).

Referee of the scholarly Journals

Author of more than 80 publications in refereed scholarly journals, including invited publications. (List of publications is appended.)

BOOKS, EDITORS,;

M. Ersoz, and Lisa Barrott "Best Practice Guide on Metals Removal By Treatment" IWA, ISBN: 9781843393849, (2012)

Editors, 10th International Electrochemistry Meeting, 4-8 September, 2013 Konya, Turkey

Conference proceeding (Editor); 1st Internatinal Conference: Metals and Related Substances in Drinking Water 24-26 October, Antalya, Turkey 2007,

Physical Chemistry, P.W.Atkins, (Eds. S. Yıldız, E. Kılıç, H. Yılmaz) Chapter Transnlation, Detay publishing, Ankara, 2001

Physical Chemistry, Mortimer (Eds. O Şanlı, H. I Unal) Chapter Translation, Palme publishing,, Ankara, 2004..

General Chemistry, Basic Principles, Raymond, Chapter Translation, Palme publishing, Ankara

VISITED PROFESSOR, INVITED LECTURES (last 5 years)

2016 Invited Speaker, "Modern Reseaches and Prospects of their use in Chemistry, Chemical Engineering and Related Fields" "Nanostructure Fabrication by using of Block Copolymers" 21-23 sep. 2016 Ureki, Gergia.

2016 Invited Keynote Speaker, "3rd International Conference on Recycling and Reuse," "Development of Membranes Containing Nanoparticles For Water Treatment" 28-30 Sep. 2016, Istanbul, Turkey

2016 Invited Keynote Speaker, 1 st International Black Sea Congress on Environmental Sciences (1st IBCESS) "The Improvement of membrane performance using of nanoparticles for water treatment" 31 August-3 Sep., 2016, Giresun Turkey

2016 Invited speaker, , 1 st International Black Sea Congress on Environmental Sciences (1st IBCESS) "COST projects and international networks", 31 August-3 Sep., 2016, Giresun Turkey

2016 "Block co polymer Technology and Research activities of ILTEK" Hassan II University, 15.02.2016, Cazablanka, Morocco

2016 Coordinator, "Nanomaterials and Nanotechnologies" Cluster meeting, Horizon NMBP 2017 calls, Smart and green interfaces conferences 2016, 04-06 May 2016, Atina Yunanistan

2015 "Blok Kopolimerler Kullanılarak Yüzeylein Desenlenmesi ve Elektronik Aygıtlarda Uygulamaları" 5. Fiziksel Kimya Kongresi, 16-19 Mayıs, 2015, Konya, Türkiye

2015 "Nanomalzeme Destekli Membranlar ile Su Arıtımı Uygulamaları" Sağlıklı Su Yönetimi Kongresi, 20-22 Mayıs 2015, Erzurum, Türkiye

- 2014 "Nanomalzeme destekli membranların geliştirilmesi ve su arıtımında kullanılması"27. Ulusal Kimya Kongresi, 23-28 Ağustos 2015, Çanakkale
- 2014 "COST Ağlarının Ufuk 2020 Projesi oluşturmak için kullanılması" UFUK 2020 Nanoteknoloji, İleri Malzemeler, İleri İmalat ve İşleme Teknolojileri (NMP) Alanı Genel Bilgilendirme ve İstişare Toplantısı, 15 Eylül 2015 TÜBİTAK, Ankara
- 2014 "Nanoenhanced Membranes for Water Treatment", 06.01.2014, King Saud Üniversitesi, College of Science, Saudi Arabia
- 2014 "Patterning and Research Activities" 9-12 Haziran 2014, Belarus State Üniversitesi Minsk, Belarus "Merkezi Araştırma Laboratuvarlarının Akademik Çalışmalara Olan Katkısı", 2023 Vizyonunda Üniversitelerin Araştırma laboratuvarları" Çalıştayı, 6-8 Mart 2014, Diyarbakır
- 2012 Invited Keynote Speaker, 3rd Pak-Turk Conference on Chemical Sciences, "Patterning of Block Copolymers for Nano Devices, 13-15 September 2012, Bursa, Turkey
- 2012 Invited Keynote Speaker, APOSTILLE workshop, Printed electronics: materials, components and applications, April 26-28 2012, Novi Sad, Serbia
- 2010 Invited Speaker, 6th Nanoscience and Nanotechnology Conference, 15-18 June, 2010, İzmir Turkey,
- 2010 Plenary lecture, 2nd Pak-Turk Seminar on Chemical Sciences (2nd PTSCS) Feb. 11-13, 2010, Pakistan
- 2009 Invited Keynote Speaker, Taibah International Chemistry Conference
23-25 March 2009 Al-Madinah Al-Munawarah - Saudi Arabia
- 2008 Visiting Professor, Department of Chemistry, Hull University, UK.
- 2008 Invited lecture, Çumra Symposium
- 2007 Invited lecture, Department of Chemistry, METU, Turkey
- 2007 Invited Speaker, EC Joint Research Centre, NanoBiotechnology: Bio-interfaces, International Workshop 5-7 December 2007, Ispra, Italy,
- 2007 Invited speaker, COST D43 Workshop: Functional Interfaces–Theory and Experiment & SURUZ Workshop Surfactants- Dispersed Systems, March 19-21, 2007, Cracow, Poland
- 2007, 2006, 2005, 2004
Invited lecture, Konya Chamber of Industry for R&D projects, proposal writing and submission
- 2007, 2006, 2005, 2004
Invited lecture, Konya Organised Industrial Zone for R&D projects, proposal writing and submission
- 2005, 2006
Visiting Professor, Department of Analytical Chemistry, Charles University, Czech Republics;
- 2004 Visiting Professor, Faculty of Chemistry, Brno University of Technology, Czech Republics;
- 2001,2002
Visiting Professor, Department of Chemistry, Hull University, UK

MEMBERSHIP,

International Water Association

Türkisch Chemistry Society,

European Colloid and Interface Society

Muslim Water Researchers Cooperation

Turkish Sciences-Research Foundation

PARTICIPATION IN ORGANIZATION OF INTERNATIONAL SCIENTIFIC MEETINGS (Last 5 years)

10th International Electrochemistry Meeting, 4-8 September, 2013, Konya, Turkey, **Conference Chair**

European Biotechnology Congress 2011, 28 September-1 October, 2011, İstanbul Turkey, **National Scientific Committee**

6th Nanoscience and Nanotechnology Conference, 15-18 June, 2010, İzmir Turkey, **Scientific Committee,**

7th Aegean Analytical Chemistry Days, 29 Sep-3 Oct, 2010, Lesvos Greece, **Scientific Committee,**

COST 637 3rd Internatinal Conference: Metals and Related Substances in Drinking Water, 21-23 October, 2009, Ioannina, Greece, **Organising Committee**

8th International Electrochemistry Meeting in Turkey, October 8-11, Antalya, Turkey, **Scientific Committee,**

23rd Conference of the European Colloid and Interface Society, *Early September 2009 Antalya, Turkey,* **Organising Committee**

22nd Conference of the European Colloid and Interface Society, *August 31 - September 5, 2008 Cracow, Poland,* **Scientific Committee**

COST D43 Workshop: Colloid and Surface Science for Nanotechnology *September 4, 2008 Cracow, Poland,* **Scientific Committee**

COST 637 2nd Internatinal Conference: Metals and Related Substances in Drinking Water, 29-31 October, 2008, **Scientific and Organising Committee**

Blacksea International Environmental Symposium August 25-29, 2008 Giresun–Turkey, **Scientific Committee**

COST 637 Workshop: Metals and Related Substances in Drinking Water, 28-29 April, 2008, Brussel, Belgium, **Scientific and Organising Committee**

COST 637 1st Internatinal Conference: Metals and Related Substances in Drinking Water, 24-26 October, Antalya, Turkey 2007, **Local Cnference Organisation, Organising Committee**

COST 637 Workshop: Metals and Related Substances in Drinking Water, 21-22 may, 2007, Brussel, Belgium, **Scientific and Organising Committee**

1st International Turkey-Pakistan Chemistry days, 26-28 April 2007, Konya, Turkey, **Organising Committee**

XVI. National Chemistry Conference, 10-13 September, 2002, Konya, Turkey, **Organising Committee**

RESEARCH ACTIVITIES

Nanotechnology, Self assembled monolayers (preparation and applications) and functionalisation, patterning, microcontact printing, nanoparticles

Membrane technology (membrane filtration, electro dialysis, diffusion dialysis, transport, dairy technology, hybride systems), Liquid membrane transport systems (supported, bulk, activated, polymeric inclusion), Water, wastewater treatment, biomembranes

Electrochemistry, Interfaces analysis, ion transfer at immiscible liquid/liquid interfaces

Adsorption (metal, amino acid, etc., passive and carrier mediated processes)
Immobilization of organic compounds on self assembled monolayers, silica polymeric adsorbents, etc.

TEACHING EXPERIENCE

Teaching Assistant, Selcuk University, Dept. of chemistry 1986-1990, 1994-1995

Conducted lab demonstrations and review sessions, counseled students, and graded lab reports, papers and exams for courses in *Physical Chemistry, Instrumental Laboratory and Electrochemistry*

Assistant Professor, Selcuk University, Dept. of chemistry 1995-1998

Lecturer, General Chemistry, Chemical Kinetics, Physical Chemistry, Instrumental Analysis, and Electrochemistry

Associate Professor of Physical Chemistry, Selcuk University, Dept. Chem. 1998-2004.

Chemical Kinetics, Physical Chemistry, Electrochemistry and Instrumental Analysis

Professor of Physical Chemistry, Selcuk University, Dept. Chem. 2004-pres.

Physical Chemistry, Nanochemistry

Honors Thesis Supervisor, 1994-present

MSc. Thesis Supervisor, 1995-presents

PhD. Thesis Supervisor, 1998-present

Scholarly presentations at numerous international, national and regional professional meetings.

PROJECTS

International Projects

FP7-EU-SOLARIS-312833 The European SOLAR Research Infrastructure for Concentrating Solar Power”

2016-1-TR01-KA203-034520 Universal Nanotechnology Skills Creation and Motivation Development

FP7-LIGNOFOOD-606073 "Ingredients for Food and Beverage industry from a lignocellulosic source"

FP7-ChitoClean-315087, “Enhanced chitin-based biosorbents for drinking water purification”

FP7-LAMAND 245565 "Large Area Molecularly Assembled Nanopattern for Devices”

2013-1-IT1-LEO04-04203 7, "Continuous Vocational Training For Innovation in SMEs"

EU-COST CM1101 “Colloidal Aspects of Nanoscience for Innovative Processes and Materials”, Core Group Member, STSM Coordinator,

EU-COST MP1106 " Smart and green interfaces - from single bubbles and drops to industrial, environmental and biomedical applications (SGI)" Core Group Member, STSM Coordinator, MC member

EU-COST 637 “Metals and Related Substances in Drinking Water”, Chair of WG3, Core group member, MC member

EU-COST CM 1104 "Reducible Oxide Chemistry, Structure and Functions" "Solar Cells with Overall Water Splitting Using Oligoaniline-Crosslinked [Ru(bpy)₂(bpyCONHArNH₂)]²⁺ Dye/Iridium Oxide Nanoparticle Arrays On Three-Dimensionally Ordered Macroporous Gold-Nanoparticle Doped Titanium Dioxide (3-DMGN-TiO₂) Photonic Crystals Modified Electrodes" Project Consultant, **TÜBİTAK 112T622**

EU-COST D43 “Colloid and Interface Chemistry for Nanotechnology”, MC member,

EU-COST D36 “Structure-performance relationships at the surface of functional materials”, “Molecular Catalysis and Photocatalysis at Soft Interfaces: Towards chemical fuel cells” WG Member

“Microcontact Printing with DNA surfactants” under Leverhulme Trust Visiting Professorship, Hull, UK

Other International Projects

“Integrated Program of Research & Development Profession For Youth” Project Coordinator, **CFCU/TR 0602.03/02/588**

TR0405.02/LDI/225 “Improving Capacity In Mechatronic Field And E-Learning” **Regional Development in TRA2, TR52, TR72 AND TRB1 NUTS II Regions**, (Project Coordinator)

“Promotion of Historical and Cultural Dialogue in EU” **CSD-03-110**, Universities Grant Scheme Programme for the Promotion of the Civil Society Dialogue Between EU and Turkey, (**Project Consultant**)

“The Improvement of Vocational and Language Skills of the Tourism Guidance Students’ Through the European Union Framework” **2009-TR1-LE005-08642**, (Transfer of Innovation), EU Education and Culture Life Learning Programme, (**Project Consultant**)

National Projects

“Development of research and development of nanotechnology roadmap Selcuk University“ Project Manager/ Coodinator, **TUBITAK-115R093**”

“The Preparation and Characterisation of Graphene Nanoarrays by Using of Block Copolymers” **TUBITAK-114Z934**

Development of Nanoenhanced Membranes for Application for Water Treatment” **TUBITAK-114Y162**

“The improvement of the research and innovation capacity in selcuk university on flexible electronic device fabrication” Project Manager, **TUBITAK-115R116**

“Natural Products Research and Applcation Center” Project Coordinator **DPT-2011K120370**

“Protection of Physicochemical properties of Cold Pressed Black Seed Oil and design as a Value added products”, Project Coordinator, SANTEZ (**001152STZ.2011-2**)

“Investigation of colloidal and electrorheological responses of core/shell hybrid nano-structured and self assembled PEDOT on surface modified titanium dioxide having various geometries” Researcher, **TUBITAK-111T637**

“Nanoparticles-Based Hydrogen Generation at Water and Water/1,2- Dichloroethane (DCE) Interfaces”, Project Consultant **TUBITAK-211T185**

“Enhanced Photocurrents Generated by Conducting Polymer/CdS Semiconductor Nanoparticles/Supramolecular Relay/Electron Donor Structures Associated with Gold Electrodes”, Project Consultant **TÜBİTAK 109T439**

“Establishment of Research and Development infrastructure of Selcuk University” Project Coordinator **DPT-2009K121080**

“Scientific HR Development Program” Project Coordinator, **DPT-2009K121090**

“Establishment of Science Center in Konya”, Researcher, **TUBITAK-Konya Metropolitan Municipality**, 2008-2011

Joint PhD program “liquid/liquid interfaces” with *EPFL* (Laboratoire d'Electrochimie Physique et Analytique), **Switzerland**, Project coordinator

“Selective Formation of Colloidal Particles Array on the Surfaces and Applications” **TBAG-U/182 (106T718)**

“Removal of Arsenic from drinking water by using of membrane proceses” **TÜBİTAK-106Y299**

“Investigation of Facilitated Ion Transfer by Calixaren Derivatives across Micro Liquid/Liquid Interface (μ ITIES) and Applicable for Electrochemical Sensor”, Project Consultant, **TBAG-107T754**

“Synthesis and characterisation of Electrochromic Devices and windows from conducting Polymers”, **YUUP, 2005 DPT2005K120580**

Production of nanodye which has photocatalytic, being-self cleaning and decomposable for bacteria and organic stains, TUBITAK-TEYDEB **R&D** project with Saracoglu Co.

Receycling of wood-plastic wastes and reuse as production process TUBITAK-TEYDEB **R&D** Project with Burotime Co.

"The effect of locally produced adsorbents on the vegetable oil quality" TUBİTAK-TEYDEB 3060009, **R&D Project** with Helvacizade Co.

"Removal of Oxyanions by using of some calixarene based Ionopheres", **TÜBİTAK-TBAG-104T199**

"Pervaporation of Phenol from a Highly Concentrated Water/Phenol Process Mixture", under NATO-B2 fellowship at GKSS Research Centre, Geesthacht, Hamburg, Germany.

"The Control of Trans Izomer Formation During Vegetable Oil Refining" *R&D project*, TUBİTAK-TİDEB (The Scientific and Technical Research Council of Turkey) and Helvacizade Com. **TUBİTAK- TİDEB 990021**

"The Recovery of Acids from Waste Materials by using of Anion Exchange Membranes" S. U. Research Foundation, Project No: FEB 99/079

"The Investigation of Transport Properties of Some Cations by using of Macrocyclic Compounds in Liquid Membranes" **SÜ FBE 2001/026,**

"Immobilisation of Calixarene derivatives on self Assembled Monolayers and Their Applications" *Project coordinator*, **TÜBİTAK-TBAG-2302 (103T029)**

"*Synthesis Technologies of Chiral Pharmaceutical compounds and Their Production*" (*Biocatalyst*), **YUUP**, 2004-K-120730

"Biodiesel Production Processes and Comparison for Agriculture, Food, Environmental, Chemical and Technological Point" **DPT, Proje No.2004-7**

"Investigation of Facilitated Ion Transfer by Calixaren Derivatives across Micro Liquid/Liquid Interface (μ ITIES) and Applicable for Electrochemical Sensor", Project Consultant, **TBAG-107T754**

THESES SUPERVISED

PhD Theses

Yasemin Topal, Selcuk University, Graduate School of Natural and Applied Sciences (2016)
"Synthesis of Functional Polyoxometalates(POM) and Investigation of Applicability of Thin-Film Electronic Circuits "

Erhan zor, Selcuk University, Graduate School of Natural and Applied Sciences (2016)
"Investigation of Discrimination Properties of Graphene-Based Modified Electrodes For Chiral Compounds"

İlker Akın, Selcuk University, Graduate School of Natural and Applied Sciences (2015) "
Nanoparticle Containing Composite Membrane Preparation and Application Areas "

Zeliha Ustun, Selcuk University, Graduate School of Natural and Applied Sciences (2016)
Protecting Physicochemical Properties of Black Cumin Seed (Nigella Sativa) Oil and Developing Value Added Products"

Betül Ertekin, Selcuk University, Graduate School of Natural and Applied Sciences (2012) "
Synthesis and Characterization of Block Size Controllable Block Copolymers "

Mustafa Ozmen, Selcuk University, Graduate School of Natural and Applied Sciences (2011) Micro and Nanopatterning of Colloidal Structures onto Solid Substrates and Their Functionalization

İ Hatay, Selcuk University, Graduate School of Natural and Applied Sciences (2010) "Proton Coupled Electron Transfer Reactions At The Liquid/Liquid Interfaces"

İ H Gübbük, Selcuk University, Graduate School of Natural and Applied Sciences (2006)
"Functionalization of Self Assembled Monolayers and their Applications"

N Ünlü, Selcuk University, Graduate School of Natural and Applied Sciences (2004) " The Investigation Of Adsorption Conditions Of Some Toxic Metals Onto Chemically Modified Sporopollenin And Their Thermodynamic Parameters"

A Şahin, Selcuk University, Graduate School of Natural and Applied Sciences (2010) "Arsenic Removal From Drinking Water By Using Of Hybrid Membrane Processes"

H.K. Alpoguz, Selcuk University, Graduate School of Natural and Applied Sciences (20002) " The Investigation of Some Cation and Anion transport properties by Using of Macrocyclic Compound as Carriers in Liquid Membranes "

MSc. Theses

E Kaymak, Selcuk University, Graduate School of Natural and Applied Sciences (2010) "Elektrochemical Characterization of Deposited Colloidal Structures onto ITO Surface"

I Akin, Selcuk University, Graduate School of Natural and Applied Sciences (2010) "Removal of Arsenic From Drinking Water By Using Membrane Processes"

K Can, Selcuk University, Graduate School of Natural and Applied Sciences (2009) Formation Of Different Structure Of Self-Assembled Monolayers (Sams) On Solid Surfaces And Characterization

İ Hatay, Selcuk University, Graduate School of Natural and Applied Sciences (2006) "Immobilization of Organic Materials on İnorganic Supports and their applications as adsorbent"

M Özmen, Selcuk University, Graduate School of Natural and Applied Sciences (2006) "Immobilization of organic compounds on TiO₂ thin film and their applications"

H Koyuncu , Selcuk University, Graduate School of Natural and Applied Sciences (2005) The Investigation of Transport Properties of Mercury Cation Through Liquid Membranes By Using of Macrocyclic Compounds

H Önmez, Selcuk University, Graduate School of Natural and Applied Sciences (2007) "The comparison of methods and solvents which are used for extraction major alkaloids from papaver somniferum plants"

A Şahin, Selcuk University, Graduate School of Natural and Applied Sciences (2001) The Investigation Of Asymmetric Potential Of Biological Membranes"

İ H Gübbük, Selcuk University, Graduate School of Natural and Applied Sciences (2001) " The Recovery of Acid From Waste Materials By Using of Anion Exchange Membranes "

LIST OF PUBLICATIONS

1. Erhan Zor, Eden Morales-Narváez, Sabr Alpaydin, Haluk Bingol, Mustafa Ersoz, Arben Merkoçi, "Graphene-based hybrid for enantioselective sensing applications", *Biosensors and Bioelectronics* 87 410–416, (2017)
2. Koray Kara, Duygu Akın Kara, Cisem Kirbiyık, Mustafa Ersoz, Ozlem Usluer, Alejandro L. Briseno and Mahmut Kus Solvent washing with toluene enhances efficiency and increases reproducibility in perovskite solar cells, **RSC Adv.**, **6**, 26606-26611, (2016) (DOI: 10.1039/C5RA27122C)
3. Umair A. Qureshi, Ilkay Hilal Gubbuk, Mustafa Ersoz, Amber R. Solangi, Syed I.H. Taqvi,, Saima Q. Memone A comparative study and evaluation of magnetic and nonmagnetic hydrogels towards mitigation of di butyl and di ethyl hexyl phthalate from aqueous solutions, *J. Taiwan Institute of Chemical Engineers*, 59, 578–589 (2016)
4. Umair A. Qureshi, Ilkay Hilal Gubbuk, Mustafa Ersoz, Amber R. Solangi, Syed I.H. Taqvi, Saima Q. Memon, Preparation of polyaniline montmorillonite clay composites for the removal of diethyl hexyl phthalate from aqueous solutions *Separation Science and Technology*, 51, 2, 214-228 (2016) DOI:10.1080/01496395.2015.1088029
5. Marinos Tountas, Yasemin Topal, Mahmut Kus, Mustafa Ersöz, Mihalis Fakis, Panagiotis Argitis, Maria Vasilopoulou, Water-Soluble Lacunary Polyoxometalates with Excellent Electron Mobilities and Hole Blocking Capabilities for High Efficiency Fluorescent and Phosphorescent Organic Light Emitting Diodes, *Advanced Functional Materials*, 26, 16, 2016 2655–2665 (2016) DOI: 10.1002/adfm.201504832
6. Ilker Akın, Mustafa Ersoz, Preparation and characterization of CTA/m-ZnO composite membrane for transport of Rhodamine B, *Desalination and Water Treatment*, 57,7, 3037-3047 (2016) DOI: 10.1080/19443994.2014.98032
7. E. Aslan, I.Hatay Patir, M. Ersoz, Cu Nanoparticles Electrodeposited at Liquid–Liquid Interfaces: A Highly Efficient Catalyst for the Hydrogen Evolution Reaction, *Chemistry - A European Journal*, 21, 4585–4589, March 16, 2015
8. M.K. Gonc, M Dogru, E. Aslan, F Ozel,^c I. Hatay Patir, M Kus, M Ersoz, Photocatalytic hydrogen evolution based on Cu₂ZnSnS₄, Cu₂ZnSnSe₄ and Cu₂ZnSnSe_{4-x}S_x nanofibers, *RSC Adv.*, **5**, 94025-94028, 2015.
9. L. Dedelaite, S. Kizilkaya, H. Incebay, H. Ciftci, M. Ersoz, Z. Yazicigil, Y. Oztekin, A. Ramanaviciene, A. Ramanavicius, Electrochemical determination of Cu(II) ions using glassy carbon electrode modified by some nanomaterials and 3-nitroaniline, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **483**, Pages 279–284, 2015.
10. M. Ozmen, Z. Ozbek, M. Bayrakci, S. Ertul, M. Ersoz, R. Capan, Preparation of Langmuir–Blodgett thin films of calix[6]arenes and *p-tert* butyl group effect on their gas sensing properties, *Applied Surface Science*, **359**, Pages 364–71, 2015,
11. F. Ozel, A. Yar, E. Aslan, E. Arkan, A. Aljabour, M. Can, I. Hatay Patir, M Kus, M. Ersoz, Earth-Abundant Cu₂CoSnS₄ Nanofibers for Highly Efficient H₂ Evolution at Soft Interfaces, *ChemNanoMat*, 1, 477–481, 2015
12. **E. Zor**, **E. Morales-Narváez**, **A. Zamora-Gálvez**, **H. Bingol**, **M. Ersoz**, **A. Merkoçi**, Graphene Quantum Dots-based Photoluminescent Sensor: A Multifunctional Composite for Pesticide Detection, *ACS Appl. Mater. Interfaces*, 7 (36), pp 20272–20279 (2015)
13. S. Sayin, H. Azak, H.B. Yildiz, P. Camurlu, G. Uysal Akkus, L. Toppare, M. Ersoz **Calixarene assembly with enhanced photocurrents using P(SNS-NH₂)/CdS nanoparticle structure modified Au electrode systems**, *Phys. Chem. Chem. Phys.*, **17**, 19911-19918, 2015,
14. E. Zor, H. Bingol, A. Ramanaviciene, A. Ramanavicius, M. Ersoz, An electrochemical and computational study for discrimination of D- and L-cystine by reduced graphene oxide/β-cyclodextrin, *Analyst*, 140, 313-321, (2015)
15. F. Ozel, M. Kus, A. Yar, E. Arkan, M. Can, A. Aljabour, N. M. Varal, M. Ersoz, Fabrication of quaternary Cu₂FeSnS₄(CFTS) nanocrystalline fibers through electrospinning technique *J. Materials Science*, 50, 777-783, (2015)

16. B.Z. Buyukbekar, F. Ozel, H. Sakalak, H. Cavusoglu, M. Ersoz, M. Kus, M.S. Yavuz, A comparative study on fabrication of $\text{Cu}_2\text{ZnSnS}_4$ (CZTS) nanofibers using acetate and chloride metal precursors, *Turkish J. Chemistry*, 39: 897 { 903, (2015), doi:10.3906/kim-1501-124
17. C Baslak, M. Demirel Kars, M. Karaman, M. Kus, Y. Cengeloglu, M. Ersoz "Biocompatible multi-walled carbon nanotube–CdTe quantum dot–polymer hybrids for medical applications" *J. Luminescence*, 160, 9-15 (2015)
18. F Ozel, M. Kus, A Yar, E Arkan, M. Z. Yigit, A. Aljabour, S. Büyükcebebi, C. Tozlu, M Ersoz, "Electrospinning of $\text{Cu}_2\text{ZnSnSe}_{4-x}\text{S}_x$ nanofibers by using PAN as template", *Materials Letters*, 140, 23-26, (2015)
19. M, Kus, F. Ozel, S. Buyukcebebi, A. Aljabour, A. Erdogan, M Ersoz, N. S. Sariciftci, "Colloidal $\text{CuZnSnSe}_{4-x}\text{S}_x$ nanocrystals for hybrid solar cells", *Optical Materials*, **39**, 103–109, (2015)
20. C. Tozlu, M. Kus, M. Can, M. Ersöz, "Solution processed white light photodetector based N, N'-di (2-ethylhexyl)-3,4,9,10-perylene diimide thin film phototransistor", *Thin Solid Films*, 569, 22–27, (2014)
21. Emre Aslan, İmren Hatay Patir, **Mustafa Ersöz** "The catalytic hydrogen evolution by tungsten disulfide at liquid-liquid interfaces" *ChemCatChem*, 6(10), 2832-2835 (2014).
22. E. Aslan, O. Birinci, A. Aljabour, F. Ozel, I. Akin, I.H. Patir, M. Kus, M. Ersoz, Photocatalytic Hydrogen Evolution by Oleic Acid-Capped CdS, CdSe, and $\text{CdS}_{0.75}\text{Se}_{0.25}$ Alloy Nanocrystals, *ChemPhysChem*, 15(13), 2668–2671 (2014)
23. **I. Akin, E. Zor, H. Bingol, M. Ersoz**, Green Synthesis of Reduced Graphene Oxide/Polyaniline Composite and Its Application for Salt Rejection by Polysulfone-Based Composite Membranes, *J. Phys. Chem. B*, 118, 5707–5716 (2014)
24. E Zor, M. E. Saglam, I. Akin, A.O. Saf, H. Bingol M. Ersoz, Green synthesis of reduced graphene oxide/nanopolypyrrole composite: characterization and H_2O_2 determination in urine, **RSC Adv.** 4, 12457-12466 (2014)
25. L. Buzoglu, E. Maltas, M. Ersoz, S. Yildiz, Synthesis and characterization of PS-*b*-PGMA diblock copolymer and its interaction with blood proteins and donepezil, *Reactive and Functional Polymers*, **82**, 25-32 (2014)
26. C. Baslak, M Kus, Y. Cengeloglu, M. Ersoz, A comparative study on fluorescence quenching of CdTe nanocrystals with a serial of polycyclic aromatic hydrocarbons, *J. Luminescence*, **153**, 177–181 (2014)
27. E. Zor, A.O. Saf, H. Bingol, M. Ersoz, Voltammetric discrimination of mandelic acid enantiomers, *Analytical Biochemistry*, **449**, 83–89, (2014)
28. H.I. Unal, O. Erol, M. Ersoz, Assembly of Non-aquaque Colloidal Dispersions under External Electric Field, In: *Colloid and Interface Chemistry for Nanotechnology*, P. Kralchevsky, R. Miller, F. Ravera (Eds.) CRC Press, Taylor &Francis Group, LLC, Chapter 8, 167-174 (2014)
29. M. Ozmen, Z. Ozbek, S. Buyukcebebi, M Bayrakci, S. Ertul, M. Ersoz, R. Capan, Fabrication of Langmuir–Blodgett thin films of calix[4]arenes and their gas sensing properties: Investigation of upper rim *parasubstituent* effect, *Sensors and Actuators B: Chemical*, 190, 502–511 (2014)
30. M. Ozmen, Z. Ozbek, M Bayrakci, S. Ertul, M. Ersoz, R. Capan, Preparation and gas sensing properties of Langmuir–Blodgett thin films of calix[η]arenes: Investigation of cavity effect, *Sensors and Actuators B: Chemical*, 5, 156–164 (2014)
31. V. Krikstolaityte, Y Oztekin, J Kuliesius, A. Ramanaviciene, Z. Yazicigil, M. Ersoz, A. Okumus, A.K. Minkstimiene, Z. Kilic, A.O. Solak, A. Makaraviciute, A. Ramanavicius, Biofuel Cell Based on Anode and Cathode Modified by Glucose Oxidase, *Electroanalysis*, 25, 2677-2683 (2013)
32. I.B. Solanqi, F. Özcan, G. Arslan, M. Ersoz, Transportation of Cr(VI) through calix[4]arene based supported liquid membrane, *Sep.Purif. Technology*,: 118,: 470-478 (2013)
33. Zor E, Hatay Patir I, Bingol H, Ersoz M., An electrochemical biosensor based on human serum albumin/graphene oxide/3-aminopropyltriethoxysilane modified ITO electrode for the enantioselective discrimination of D- and L-tryptophan, *Biosensors & Bioelectronics*,: 42,: 321-325 (2013)

34. M. Ozmen, B. Ertekin, M. Ersoz, V.N. Paunov, Fabrication of albumin-micropatterned surfaces by colloidal microcontact printing technique, *RSC Advances* 3, 10420-10426 (2013)
35. M. Kus, F. Ozel, N. M. Varal, M. Ersoz, Luminescence Enhancement of OLED Performance by Doping Colloidal Magnetic Fe₃O₄ Nanoparticles, *Progress In Electromagnetics Research*, 134, 509-524 (2013)
36. I. Akin*, G. Arslan, A. Tor, M. Ersoz, Y. Cengeloglu, Arsenic(V) removal from underground water by magnetic nanoparticlessynthesized from waste red mud, *J. Hazard. Mater.* 235– 236, 62– 68 (2012)
37. I. Akin*, S. Erdemir, M. Yilmaz, M. Ersoz, Calix[4]arene derivative bearing imidazole groups as carrier for the transport of palladium by using bulk liquid membrane, *J. Hazard. Mater.*, 223– 224, 24– 30, (2012)
38. H. Deveci, G. Ahmetli, M. Ersoz, R. Kurbanli, Modified polystyrenes: Corrosion, physicomechanical and thermal properties evaluation. *Progress in Organic Coatings* 73, 1– 7,(2012)
39. L. Gurfidan, M. Ozmen, K. Atacan, I.H. Gubbuk, M. Ersoz, Z. Ozbek, R. Capan, Preparation and characterization of calix[6]arene Langmuir–Blodgett thin film. *Thin Solid Films* 520, 6238– 6242, (2012)
40. E Maltas, M Ozmen, H:C. Vural, S Yildiz, M Ersoz " Immobilization of albumin on magnetite nanoparticles, *Materials Letters* 65 3499–3501, (2011)
41. Saf, A, Alpaydin, S. Coskun, A. Ersoz, M., Selective transport and removal of Cr(VI) through polymer inclusion membrane containing 5-(4-phenoxyphenyl)-6H-1,3,4-thiadiazin-2-amine as a carrier, ***Journal of Membrane Science*** 377 (2011) 241– 248
42. Hatay I Su B, Mendez MA, Corminboeuf C , Khoury T , Gros CP, Bourdillon M , Meyer M, Barbe JM, Ersoz M, Zalis S, Samec Z, Girault HH, Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces, ***J. Am. Chem. Soc.***, 132, 13733-13741 (2010)
43. Can K, Ozmen M, Gurfidan L, Gubbuk IH, Kaymak E, Ersoz M, Ozbek Z, Capan R, Fabrication of octyltriethoxysilane Langmuir-Blodgett thin Films, ***J. Optoelectronics & Adv. Mat.***, 12, 1552-1555 (2010)
44. Gubbuk IH, Gungor O, Alpoguz HK, Ersoz M, Yilmaz M, Kinetic study of mercury (II) transport through a liquid membrane containing calix[4]arene nitrile derivatives as a carrier in chloroform, ***Desalination***, 261, 157-161 (2010)
45. Su B, Hatay I, Ge PY, Mendez M, Corminboeuf C, Samec Z, Ersoz M, Girault HH, Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media, ***Chem. Comm.***, 46, 2918-2919 (2010),
46. Ozmen M, Can K, Arslan G, Tor A, Cengeloglu Y, Ersoz M, Adsorption of Cu(II) from aqueous solution by using modified Fe₃O₄ magnetic nanoparticles, *Desalination*, 254, 162-169 (2010)
47. B. Su, I. Hatay, F., Li, R. Partovi-Nia, M. A. Mendez, Z. Samec, M. Ersoz, H.H. Girault, "Oxygen reduction by decamethylferrocene at liquid/liquid interfaces catalyzed by dodecylaniline" ***J. Electroanalytical Chemistry***, 639, 102-108 (2010).
48. Gubbuk IH, Gup R, Kara H Ersoz M "Adsorption of Cu(II) onto silica gel-immobilized Schiff base derivative" ***Desalination***, 249, 1243-1248 (2009)
49. Gubbuk IH, Hatay I, Coskun A, Ersoz M., "Immobilization of oxime derivative on silica gel for the preparation of new adsorbent" ***J. Hazardous Mat.***, 172, 1532-1537 (2009)
50. Ozcan F, Ersoz M, Yilmaz M, "Preparation and application of calix[4]arene-grafted magnetite nanoparticles for removal of dichromate anions", ***Mat. Sci. & Engineer.-Materials for Biological Appl.***, 29 , 2378-2383 (2009)
51. Ozmen M, Can K, Akin I, Arslan G, Tor A, Cengeloglu Y, Ersoz M "Surface modification of glass beads with glutaraldehyde: Characterization and their adsorption property for metal ions" ***J. Hazardous Mat.***, 171, 594-600 (2009).
52. I. Hatay, B. Su, F. Li, R. Partovi-Nia, H. Vrubel, X. Hu, M. Ersoz, H.H. Girault, "Hydrogen Evolution at Liquid-Liquid Interfaces (p NA)", ***Angewandte Chem. Int. Ed.*** 48, 1-5, (2009)

53. I Hatay, B Su, F Li, M A Méndez, T Khoury, C P. Gros, J-M Barbe, M Ersoz, Z Samec, H H. Girault Proton Coupled Oxygen Reduction at Liquid-Liquid Interfaces Catalyzed by Cobalt Porphine, **J. Am. Chem. Soc.**, 131, 13453–13459 (2009)
54. Amro K. F. Dyab, M Ozmen, M Ersoz and V N. Paunov, “Fabrication of novel anisotropic magnetic microparticles”, **J. Mater. Chem.**, 19, 3475 – 3481 (2009)
55. G Arslan, A Tor, H Muslu, M Ozmen, I Akin, Y Cengeloglu, **M Ersoz** “Facilitated transport of Cr(VI) through a novel activated composite membrane containing Cyanex 923 as a carrier” **J. Membrane Sci.**, 337, 224-231 (2009)
56. K Can, M Ozmen, M Ersoz “Immobilization of albumin on aminosilane modified superparamagnetic magnetite nanoparticles and its characterization” **Colloids and Surfaces B: Biointerfaces**, 71, 154-159 (2009).
57. Ozmen M, Can K, Ersoz M, “Immobilization of albumin on indium-tin oxide (ITO) surface via isocyanate linkage” **J. Electroanalytical Chemistry**, 633, 228-234 (2009)
58. A Tor, Y Cengeloglu, **M Ersoz** “Increasing the phenol adsorption capacity of neutralized red mud by application of acid activation procedure” **Desalination**, 242, 19-28 (2009)
59. A Tor, **G Arslan**, H Muslu, A Celiktas, Y Cengeloglu, M Ersoz, “Facilitated transport of Cr(III) through polymer inclusion membrane with Di(2-ethylhexyl)phosphoric acid (DEHPA)”, **J. Membrane Science**, , 329, 169-174 (2009)
60. Deveci, H; Ahmetli, G; Ersoz, M, et al, Synthesis and Metal Ions Sorption Properties of Styrene-Based Polymers .**J. Applied Polymer Sci.**, 112, 1192-1198 (2009)
61. Altintas, O; Tor, A; Cengeloglu, Y, et al. “Removal of nitrate from the aqueous phase by Donnan dialysis” **Desalination**, 239, 276-282 (2009)
62. **G Arslan**, A Tor, Y Cengeloglu, M Ersoz, “Facilitated transport of Cr(III) through activated composite membrane containing di-(2-ethylhexyl)phosphoric acid (DEHPA) as carrier agent”, **J. Hazardous Materials**, 165, 729-735 (2009)
63. G Arslan, M Özmen, İ Hatay, İ H Gübbük, M Ersöz “**Microcontact Printing of an Alkylsilane Monolayer on the Surface of Glass**” **Turk. J. Chem.**, 32, 313-321, (2008).
64. İ. H Gübbük, R Güp, M Ersöz “**Synthesis, characterization, and sorption properties of silica gel-immobilized Schiff base derivative**”, **J. Coll. Inter. Sci.**, 320, 376-382 (2008)
65. E G. Akgemci, H Bingol, M Ozcelik, M Ersoz “**Investigation of the Lipophilicity of 2-Benzoylpyridine-Thiosemicarbazone Based on the Ion Transfer across the Liquid/Liquid Interface**”, **Acta Physico-Chimica Sinica**, 24, 619-624 (2008).
66. Akgemci, EG; Bingol, H; Ersoz, M, et al. “Facilitated transfer of alkali metal ions by a tetraester derivative of thiacalix[4]arene at the liquid-liquid interface” **Electroanalysis**, 20, 1354-1360 (2008).
67. I. Hatay, R. Gup, M. Ersöz “ **Silica gel functionalized with 4-phenylacetophynone 4-aminobenzoylhydrazone: Synthesis of a new chelating matrix and its application as metal ion collector**” **J. Hazard. Materials**, 150, 546-553 (2008)
68. A Yilmaz, A Kaya, H. K Alpoguz, M Ersoz, M Yilmaz “**Kinetic analysis of chromium(VI) ions transport through a bulk liquid membrane containing p-tert-butylcalix[4]arene dioxaoctylamide derivative**” **Sep. Purif. Technol.**, 59, 1 8 (2008).
69. E.G. Akgemci, H. Bingol, T. Atalay, M. Ersoz “**Effect of N(4)-substituent groups on transfer of 2-benzoylpyridine thiosemicarbazone derivates at the water/1,2-dichloroethane interface**” **Electrochimica Acta**, 53, 673-679, (2007).
70. Mustafa Ersoz “**Transport of mercury through liquid membranes containing calixarene carriers**” **Advances in Colloid & Interface Sci.**, 134-135, 96-104 (2007).
71. Y Cengeloglu, A Tor, G Arslan, M Ersoz, S Gezgın “**Removal of boron from aqueous solution by using neutralized red mud**”, **J. Hazard. Materials**, 142, 412-417 (2007).
72. N Ünlü, M Ersoz “**Removal of heavy metal ions by using dithiocarbamated-sporopollenin**” **Sep. Purif. Technology**, 52, 461-469 (2007).
73. Y Cengeloglu, A Tor, M Ersoz, G Arslan “**Removal of nitrate from aqueous solution by using red mud**”, **Sep. Purif. Technology**, 51, 374-378 (2006).

74. N. Unlu, M. Ersoz, "Adsorption characteristics of heavy metal ions onto a low cost biopolymeric sorbent from aqueous solutions" *J. Hazard. Materials* 136, 272–280 (2006)
75. Tor, A., Y. Cengeloglu, M.E. Aydin, M. Ersoz, "Removal of Phenol from Aqueous Phase by Using Neutralized Red Mud", *J. Colloid. Interf. Sci.*, 300(2), 498-503, (2006).
76. G. Arslan, M. Ozmen, B. Gunduz, X. Zhang And M. Ersoz, "Surface Modification of Glass Beads with an Aminosilane Monolayer" *Turk J Chem*, 30, 203-210. (2006)
77. A. Cimen, M. Ersoz, S. Yildiz, "Electrochemical characterisation of polysulfone membranes with different valence salt solutions, *Desalination* 194 202–210, (2006)
78. M Tabakcı, M Ersoz, M Yılmaz, "A Calix[4]arene-Containing Polysiloxane Resin for Removal of Heavy Metals and Dichromate Anion" *J. Macromol. Sci., Part A: Pure&App. Chem.*, 43:57–69, (2006)
79. Y.Cengeloglu, A.Tor, M. Ersoz, G. Arslan, "Removal of Nitrate from Aqueous Solution by Using Red Mud", *Sep. Purif. Technol.*, 51(3), 374-378 (2006).
80. E Kir, Y. Cengeloglu and M. Ersoz, "Influence of Chelating Agents on the Recovery of Al(III), Fe(III), Ti(IV) and Na(I) from Red Mud by Cation Exchange Membranes" *Sep. Sci. Technol.*, 41: 961–977, (2006)
81. A. Tor, Y. Cengeloglu, M. E. Aydin, M. Ersoz, "Removal of phenol from aqueous phase by using neutralized red mud" *J. Coll. Inter. Sci.* 300 498–503 (2006)
82. O. Gezici, H. Kara, M. Ersöz, Y. Abali, "The sorption behavior of a nickel-insolubilized humic acid system in a column arrangement" *J. Coll. Inter. Sci.*, 292 381–391 (2005)
83. H. K. Alpoguz, S. Memon, M. Ersoz, M. Yilmaz, "Transport of Hg²⁺ Ions across a Supported Liquid Membrane Containing Calix[4]arene Nitrile Derivatives as a Specific Ion Carrier" *Sep. Sci. and Technol.*, 40: 2365–2372, (2005)
84. E. Kir, Y Cengeloglu, M. Ersöz, "The effect of chelating agent on the separation of Fe(III) and Ti(IV) from binary mixture solution by cation-exchange membrane" *J. Coll., Inter. Sci.*, 292 498–502 (2005)
85. Akgemci, E.G., Ersoz, M. Atalay, T. "Comparison of Commercial Anion-Exchange Membranes for Pickle Waste treatment by Electro-Electrodialysis", *Sep. Sci. Techn.*, 40, 1899 (2005)
86. Durmaz, F., H. Kara, Y. Cengeloglu, **M. Ersoz** "Fluoride removal by Donnan dialysis with anion exchange membrane", *Desalination*, 177, 51-57, (2005).
87. H. K. Alpoguz, S. Memon, **M. Ersoz** and M. Yilmaz, "Transport kinetics of Hg²⁺ through bulk liquid membrane using calix[4]arene ketone derivative as carrier", *Separation Science Technol.*, 40, 2365-2372 (2005).
88. Alpaydin, S., M. Yilmaz, **M. Ersoz**, "Kinetic Study of Hg(II) Transport Through a Bulk Liquid Membrane Containing Ester Derivative of bis-Calix[4]arene", *Sep. Sci. Techn.*, 39(9), 2189 - 2206 (2004)
89. Kaynak, G., M. **Ersoz**, H. Kara, "Investigation of the properties of oil at the bleaching unit of an oil refinery", *J. Coll. Interface Sci.*, 280 (1), 131-138, (2004)
90. Tor, A., T. Büyükerkek, Y. Çengelöğlü, **M. Ersöz**, "Simultaneous Recovery of Cr(III) and Cr(VI) from aqueous phase with ion exchange membranes", *Desalination*, 171(3), 233-241 (2004).
91. Tor, A., Y. Cengeloglu, **M. Ersoz**, G. Arslan, "Transport of chromium through cation exchange membranes by Donnan dialysis in the presence of some metals at different valence" *Desalination*, 170(2), 151-159 (2004)
92. H. K. Alpoguz, S. Memon, **M. Ersoz** and M. Yilmaz, "Transport kinetics of Hg²⁺ through bulk liquid membrane using calix[4]arene ketone derivative as carrier", *Separation Science Technol.*, 39, 799-810 (2004).
93. E. G. Akgemci, **M. Ersoz** and T. Atalay, "Transport of formic acid through anion exchange membranes by diffusion dialysis and electro-electro dialysis", *Separation Science Technol.*, 39, 165-184 (2004).
94. Y. Cengeloglu, A. Tor, E. Kir and **M. Ersoz**, "Transport of hexavalent chromium through anion exchange membranes", *Desalination*, 154, 239-246 (2003).

95. C. Xu, P. Taylor, **M. Ersoz**, P.D.I. Fletcher, V.N. Paunov, "Microcontact Printing of DNA-Surfactant Arrays of Solid Substrates" *Journal of Materials Chemistry*, 13, 3044-3048 (2003) (**Hot Article** olarak yayınlanmıştır.)
96. H. K. Alpoguz, S. Memon, **M. Ersoz** and M. Yilmaz, "Kinetics of mercury(II) transport through a liquid membrane containing calix[4]arene derivatives as carrier", *Separation Science Technol.*, 38, 1649-1664 (2003).
97. P.E. Dyer, S.M. Mawadi, C.D. Walton, **M. Ersoz**, P.D.I. Fletcher and V.N. Paunov, "157-nm laser micromachining of N-BK7 glass and replication for microcontact printing" *Appl. Phys. A. Mater. Sci. & Process.* 77, 391-394 (2003).
98. E. Kir, Y. Cengeloglu, **M. Ersoz** and A. Tor, "The Effect of Accompanying Anion on the Transport of Ni(II) and Fe(III) through Polysulfone Membranes" *Separation Science Technol.*, 38, 2503-2514 (2003).
99. A. Tor, Y. Cengeloglu, M.E. Aydin, **M. Ersoz**, H. Wichmann, M. Bahadir " Polychlorinated Biphenyls (PCBs) and Polycyclic Aromatic Hydrocarbons (PAHs) in Waste Water Samples from Sewage System in Konya-TURKEY", *Fresen Environ Bull*, 12(7), 1-4 (2003).
100. Y. Cengeloglu E. Kir, **M. Ersoz**, T. Buyukerkek and S. Gezgin, "Recovery and concentration of metals from red mud by Donnan dialysis" *Colloids & Surfaces, A. Physicochem. Eng. Aspects*, 223, 95-101(2003).
101. **M. Ersoz**, "Permeability of biomembranes", In: the category on "*Biologically Important Interfaces*" for the "*Encyclopedia of Surface and Colloid Science*", Arthur Hubbard (Ed.), Marcel Dekker, Inc., pp. 3959-3972 (2002).
102. N. Unlu, H. Kara and **M. Ersoz**, "Glycine transport through charged cation exchange membrane", *Turkish J. Chem.*, 26, 211-219 (2002).
103. H. K. Alpoguz, S. Memon, **M. Ersoz** and M. Yilmaz, "Transport of Hg²⁺ through bulk liquid membrane using bis-calix[4]arene nitrile derivative as carrier: Kinetic analysis", *New Journal of Chemistry*, 26(4), 477-480 (2002).
104. H. K. Alpoguz, S. Memon, **M. Ersoz**, and M. Yilmaz, "Transport of metals through a Liquid Membrane Containing Calix[4]arene Derivatives as Carrier", *Separation Science Technol.*, 37(9), 2201-2213 (2002).
105. Y. Cengeloglu, E. Kir and **M. Ersoz**, "Removal of Fluoride from Aqueous Solution by Using Red Mud", *Sep. Purif. Technol.*, 28(1), 81-86 (2002).
106. A. Sahin, Y. Cengeloglu and M. Ersoz "The membrane potentials of periderm and cuticular membranes" *Turkish J. Chem.*, 26(5), 777-782 (2002).
107. **M. Ersoz**, I.H. Gugul, A. Cimen, B. Leylek and S. Yildiz, "The sorption of metals on polysulfone cation exchange membranes", *Turkish J. Chem.*, 25, 39-48 (2001).
108. **M. Ersoz**, Y. Cengeloglu, E. Kir, M. Koyuncu and Z. Yazicigil, "Transport of Cu(II) ions through charged cation exchange membranes", *J. Appl. Polym. Sci.*, 81, 421-427 (2001).
109. **M. Ersoz**, I.H. Gugul and A. Sahin, "Transport of acids through polyether-sulfone anion exchange membrane", *J. Coll. Interface Sci.*, 237, 130-135 (2001).
110. **M. Ersoz**, "The electrochemical properties of polysulfone ion exchange membranes", *J. Coll. Inter. Sci.*, 243, 420-426 (2001)
111. H. Kara, Z. Yazicigil, F. Durmaz and **M. Ersoz**, "Transport of Amino Acids Through Charged Cation Exchange Membrane", *Collect. Czech. Chem. Communic.*, 66(9), 1429-1442 (2001).
112. Y. Cengeloglu, E. Kir and **M. Ersoz**, "Sorption of Nickel and Iron on the Polysulfone Cation Exchange Membranes" *Collect. Czech. Chem. Communic.*, 66(9), 1420-1428 (2001).
113. Y. Cengeloglu, E. Kir and **M. Ersoz**, "Recovery and concentration of Al(III), Fe(III), Ti(IV) and Na(I) from Red Mud" *J. Coll. Interface Sci.*, 244, 342-346 (2001).
114. **M. Ersoz**, "Transport numbers in biomembranes from emf measurements" *Biophysical Chemistry*, 94, 237-243 (2001).
115. G. Ahmedova, H. Kara, Y. Cengeloglu, E. Ozcan, Y. Burdurlu, **M. Ersoz**, and A. Kocak, "The synthesis of styrene-oligoester copolymer and investigation of their physico-mechanical properties", *Eurasian ChemTech J.*, 2, 157-160 (2000).

116. **M. Ersoz** and A.S. Mavrdeler, "Membrane potentials of polysulfone cation and anion exchange membranes", *Ener. Edu. Sci. & Technol.*, 6(2), 47 (2001).
117. I. H. Gugul, A. Sahin, M. Koyuncu and **M. Ersoz**, "Diffusion dialysis of acids through anion-exchange membranes", *Ener. Edu. Sci. & Technol.*, 6(2), 67 (2001).
118. **M. Ersoz** and H. Kara, "The Co(II) and Ni(II) transfer through charged polysulfonated cation exchange membranes" *J. Coll. Interface Sci.*, 232, 344-349 (2000).
119. **M. Ersoz** "The estimation of diffusion coefficients in biomembranes" *J. Coll. Interface Sci.*, 232, 340-343 (2000).
120. R. Kurbanova, R. Mirzaoglu, **M. Ersoz**, E. Ozcan, E. Guler and V. Pamuk, "Acylation reaction of polystyrene with organic anhydrides and investigation of the physico-mechanical properties", *Eurasian ChemTech J.*, 2, 131-135 (2000).
121. H. Deligoz, A. I. Pekacar, M.A. Ozler and **M. Ersoz**, "Solvent extraction of Fe³⁺ cation by 25,26,27,28-tetraisonitrosoaceto calix[4]arene and based ligands ", *Sep. Sci. Technol.*, 34, 3297 (1999).
122. Y. Cengeloglu, B. Mercimek, H. Kara and **M. Ersoz**, "Sorption of target anions by ligand exchange", *J. Appl. Polym. Sci.*, 69, 771 (1998).
123. M. Yigitoglu, **M. Ersoz**, R. Coskun, O. Sanli and H.I. Unal, "Adsorption of copper(II) cobalt(II) and iron(III) ions from aqueous solutions on poly(ethylene terephthalate) Fibers, *J. Appl. Polym. Sci.*, 68, 1935 (1998).
124. R. Kurbanova, A. Okudan, R. Mirzaođlu, S. Kurbanov, I. Karatas, **M. Ersoz**, E. Ozcan, G. Ahmedova and V. Pamuk, "Effects of the functional groups of polystyrene on its adhesion improvement and corrosion resistance", *J. Adhesion Sci. Technol.*, 12, 947 (1998).
125. H. Kara, Y. Çengelöđlu, R. Kurbanli, **M. Ersoz** and A. Ayar, „The acylation kinetics of polystyrene with acetic anhydride", *Ener. Edu. Sci. & Technol.*, 2, 1 (1998).
126. R. Mirzaoglu, R. Kurbanova and **M. Ersoz**, "Chemical modification of polystyrenes in the presence of cationic catalysis and their industrial applications", In: *Handbook of Advanced Polymeric Materials*, N. P. Cheremisinoff (Ed.) Marcel Dekker Inc, New York, Chapter 18, 259-276, (1997).
127. **M. Ersoz**, M. Yigitoglu and A. Ayar, "The study of kinetic models for ligand-exchange of anions as ligands using ligand exchange resin", *J. Appl. Polym. Sci.*, 64, 1225 (1997).
128. **M. Ersoz**, A. Keles and S. Yildiz, "Diffusion of amines through polysulfonated ion-exchange membranes", *Sep. Sci. Techn.*, 32, 1851 (1997)
129. **M. Ersoz**, Y. Cengeloglu, N. Gokdemir and M. Lale, "Selectivity and kinetics of ligand exchangeof anions in a chelate ion exchanger", *New J. Chem.*, 21, 1067 (1997).
130. **M. Ersoz**, H. J. Duncan, M. Lale and H. I. Ucan, "Herbicide penetration through isolated periderm and cuticular membranes", *Env. Techn.*, 17, 87 (1996).
131. **M. Ersoz** and H. J. Duncan, "Transport of K⁺ ion and selective transport of alkali cations through periderm and cuticular membranes", *J. Control. Release*, 39, 9 (1996).
132. U. S. Vural and **M. Ersoz**, "Transport studies of iodine through liquid membrane system", *J. Appl. Polym. Sci.*, 61, 1273 (1996).
133. **M. Ersoz**, U. S. Vural, M. Yigitoglu and M. Sezgin, "Kinetic study of ligand exchange reaction of anions as ligands on DAE-sporopollenin", *J. Coll. Interface Sci.*, 184, 319 (1996).
134. **M. Ersoz**, U. S. Vural and H. J. Duncan, "Transport and selectivities of amino acids on periderm and cuticular membranes", *Sep. Sci. Techn.*, 30, 2173 (1995).
135. **M. Ersoz**, U. S. Vural and S. Yildiz, "Sorption of aromatic amines on a new ligand exchanger of sporopollenin-bound Co²⁺ ion" *Sep. Sci. Techn.*, 30, 3555 (1995).
136. U. S. Vural, **M. Ersoz** and E. Pehlivan, "Ligand sorption kinetics of aromatic amines on new ligand-exchanger sporopollenin in cobalt ion form", *J. Appl. Polym. Sci.*, 58, 2423 (1995).
137. **M. Ersoz**, U. S. Vural, A. Okudan, E. Pehlivan and S. Yildiz, "Transport studies of amino acids through a liquid membrane system containing carboxylated poly(styrene) carrier", *J. Memb. Sci.*, 104, 263 (1995).

138. **M. Ersoz** and H. J. Duncan, "Ion exchange selectivities of amino acids for the ammonium ion on periderm and cuticular membranes", *Solv. Extr. Ion Exch.*, 13, 143 (1995).
139. **M. Ersoz** and H. J. Duncan, "Permeability of periderm and cuticular membranes to alkali cations", *J. Coll. Interface Sci.*, 169, 143 (1995).
140. E. Pehlivan, **M. Ersoz**, S. Yildiz, H. J. Duncan and M. Pehlivan "The effect of pH and temperature on the sorption of zinc (II), cadmium (II) and aluminium (III) onto new metal-ligand complexes of sporopollenin", *J Coll. Interface Sci.*, 170, 320 (1995).
141. **M. Ersoz**, "Diffusion and selective transport of alkali cations on cation-exchange membrane", *Sep. Sci. Techn.*, 30(18), 3523 (1995).
142. **M. Ersoz**, E. Pehlivan, H. J. Duncan, S. Yildiz and M. Pehlivan, "Ion exchange equilibria of heavy metals in aqueous solution on new chelating resins of sporopollenin", *React. Polymers* 24, 195 (1995).
143. **M. Ersoz**, M. Lale and T. Atalay, "Diffusion and selective transport of alkali cations in a polysulfone ion exchange membrane", *New J. Chem.*, 19, 1065 (1995).
144. **M. Ersoz** and H. J. Duncan, "Ion-exchange selectivities of periderm and cuticular membranes toward alkali cations", *Sep. Sci. Techn.*, 29, 1719 (1994).
145. E. Pehlivan, **M. Ersoz**, S. Yildiz and H. J. Duncan, "Sorption of heavy metal ions on new metal-ligand complexes chemically derived from *Lycopodium clavatum*", *Sep. Sci. Techn.*, 29, 1757 (1994).
146. H. C. Sevindir, **M. Ersoz** and R. Mirzaoglu, "The synthesis of three unsymmetrical vic-dioximes and their complexes with some transition metals," *Synth. React. Inorg. Met.-Org. Chem.*, 24, 419 (1994).
147. **M. Ersoz**, S. Yildiz and E. Pehlivan "Separation of nucleosides and nucleic-acid bases by ligand-exchange chromatography using Cu^{2+} - and Ni^{2+} -loaded glyoximated diaminosporopollenin derivatives", *J. Chrom. Sci.*, 31, 61 (1993).
148. S. Yildiz, E. Pehlivan, **M. Ersoz** and M. Pehlivan, "Ligand-exchange chromatography of nucleosides and nucleic-acid bases on a novel modified Co(II)-loaded *Lycopodium Clavatum* and kinetics in the resin", *J. Chrom. Sci.*, 31, 150 (1993).
149. **M. Ersoz**, E. Pehlivan, and S. Yildiz "Ligand-exchange chromatography of nucleosides, nucleic acid bases and amines on copper(II) glyoximated-*Lycopodium Clavatum* with refractive index detection", *Anal. Lett.*, 22, 1829 (1989).

INTERNATIONAL CONFERENCE PAPERS

1. G. Arslan, A. Yilmaz, A. Tor, M. Ersoz, "Preparation of Polymer Inclusion Membrane with Sodium Diethyldithiocarbamate as a Carrier Reagent for Selective Transport of Zinc Ion", PERMEA 2016 - Membrane Science and Technology Conference of Visegrád Countries and MELPRO 2016 - Membrane and Electromembrane Processes, International Conference on Membrane Processes, poster presentation, P1/P02, p.122, 15-19 May 2016, Prague, Czech Republic
2. G. Arslan, F.T. Minhas, U. Arslan, M. Ersoz, "Evaluation of Antibacterial Properties on Composite Membranes Using Synthesized Biogenic Silver Nanoparticles", PERMEA 2016 - Membrane Science and Technology Conference of Visegrád Countries and MELPRO 2016 - Membrane and Electromembrane Processes, International Conference on Membrane Processes, poster presentation, M4/P128, p.248, 15-19 May 2016, Prague, Czech Republic
3. I. Akin, G. Arslan, M. Karaman, M. Ersoz, "The Preparation Development of Nanoenhanced Membranes and Their Performance for Water Treatment", PERMEA 2016 - Membrane Science and Technology Conference of Visegrád Countries and MELPRO 2016 - Membrane and Electromembrane Processes, International Conference on Membrane Processes, poster presentation, P1/P30, p.150, 15-19 May 2016, Prague, Czech Republic.
4. M. Karaman, E. Citak, **M. Ersoz** Synthesis and Functionalization Of Different Forms Of Graphene For Various Applications Smart and green interfaces conferences 2016: COST MP1106, 4-6 May 2016, Athens, Greece

5. I. Akin, G. Arslan, M. Karaman, M. Ersoz "The Preparation Development of Nanoenhanced Membranes and Their Performance for Water Treatment" PERMEA 2016 - Membrane Science and Technology Conference of Visegrád Countries and MELPRO 2016-Membrane and Electromembrane Processes, 15-19 May, Prag, 2016
6. E. Zor, E. Morales-Narváez, S. Ateş, H. Bingol, M. Ersoz, Arben Merkoçi, Electrochemical and Fluorometric Discrimination of D- and L-Tryptophan Enantiomers by Graphene-related Material, 2nd International Congress on Biosensors, June 10-12, 2015, Gediz University, Izmir, Turkey.
7. Emre Arslan, İ.H. Patir and M. Ersoz, "Electrodeposition of Copper Nanoparticles at the Water/1,2-dichloroethane Interface", "Smart and Green Interfaces Conference" "COST MP1106", 30March-01. April 2015, Belgrade, Serbia (Poster Presentation)
8. Aslan E., Baslak C., Hatay Patir I., Kus M., Ersoz M The Photocatalytic Hydrogen Evolution by Alloyed CdTeS Nanocrystals, XII European Congress on Catalysis "Catalysis: Balancing the use of fossil and renewable resources". (The EuropaCat) 30th August to 4th September, 2015. Kazan, Russia, II-PP130
9. E. Aslan, I. Hatay Patir, M. Ersoz, "The catalytic hydrogen evolution at liquid/liquid interfaces", Smart and green interfaces: Fundamentals and diagnostics (SGI-FunD), 29-31 October 2015, Sofia, Bulgaria (Oral Presentation)
10. Dedelaite, L., Ersoz, M., Oztekin, Y., Ramanavicius, A., Electrochemical modification of electrode by poly-nanoaniline layers as metal sensing system, Advanced Materials and Technologies 2015, P17-38, Palanga, Lithuania, 27-31 August 2015.
11. Aykül F., Kars MD, Kars G, Ersöz M, Lignoselülozik Ksilooligosakkaritlerin Kolon Epitel Dokusuna Model Hücreler Üzerinde Etkilerinin Belirlenmesi. 18. Biyoteknoloji Kongresi, 18-19 Aralık, 2015 Konya. Bildiriler kitabı s135, poster sunumu.
12. K. Kara, D. Akın Kara, C. Kirbiyik, M. Kus, M. Ersoz, "Optimisation of Perovskite Layer Formation on Planar Solar Cells", European Materials Research Society- E-MRS Spring meeting, EP3-18, 11-15 may, 2015, Lille, France
13. C. Kirbiyik, Y. Topal, K. Kara, D. Akın Kara, E. Yenel, M. Kus, M. Ersoz, "Modification of Mesoporous TiO₂ Surface by Polyoxometalate for Uniform Perovskite Layer Formation", European Materials Research Society- E-MRS Spring Meeting, EP3-23, 11-15 may, 2015, Lille, France
14. Y. Topal, E. Citak, M. GURSOY, E. Aslan, I. Hatay Patir, M. Karaman, M. Kus, M. Ersoz, "Fabrication of Polyoxotungstate/Oxy-Graphene Nanocomposite Multilayer Films as Catalys for Hydrogen Evolution Reaction", European Materials Research Society- E-MRS Spring Meeting, B.PII-30, 11-15 may, 2015, Lille, France
15. Y. Topal, M. Kus, M. Ersoz, "A Novel Water-soluble Polyoxometalate as a Novel Efficient Electron Injection Layer for Hybride Light-emitting Diodes (HyLEDs)", European Materials Research Society- E-MRS Spring Meeting, EP1-6, 11-15 may, 2015, Lille, France
16. T. Yilmaz, Y. Topal, K. Kara, M. Kus, M. Ersoz, "POM/P3HT Polymer Hybride Solar Cells as a Novel Concept", European Materials Research Society- E-MRS Spring Meeting, P.S.2-17, 11-15 may, 2015, Lille, France
17. C. Doyranli, S. Buyukcelebi, S. Koyuncu, M. Kus, M. Ersoz, F. Baycan Koyuncu, "Thiol-ene Clickable and Emissive Donor-Acceptor Polymer Networks with Tunable Band Gaps", European Materials Research Society- E-MRS Spring Meeting, P.S.2-7, 11-15 may, 2015, Lille, France
18. B. Ertekin, M. Kus, A. Erdogan, S. Buyukcelebi, M. Ersoz, Microphase Separation Depending on Different Parameters for Nanopatterned Devices, Proceedings of the International Conference Nanomaterials: (NAP-2013) Vol. 2 No 1, 01NTF26(2pp) (2013)
19. M. Ersöz, S. Büyükçelebi, L. Gürfidan, H. Yöndemli and M Kus, Large-Scale Nanopatterns with Block Copolymers for Nanosized Devices Colloidal Nanoparticles for Inkjet Printed Electronics, APOSTILLE workshop, Printed electronics: materials, components and applications, April 26-28 2012, Novi Sad, Serbia
20. S Buyukcelebi, H. Gubbuk, L. Gurfidan, M. Ersoz, M. Kus, F. Ozel, S. Tilki, Nanopatterning of Colloidal Nanocrystals by Using Block Copolymer,, LOPEC (Large Area Organic and Printed Electronics Association) Conference, p. 312-314, June 19-21, 2012, Munchen, Germany,
21. I. Hatay Patir, I.H. Gubbuk, H. I. Ucan, M. Ersoz "Surface modification and characterization of indium tin oxide electrode with salen complexes" Large area Organic& Printed Electronics Convention (LOPE-C), p. 196-198, 19-21, June, 2012, Munich, Germany.
22. M. Ozmen, I. Hatay Patir, M. Ersoz "Modification of indium tin oxide (ITO) surfaces with polyelectrolytes for biofilm formation" Large area Organic& Printed Electronics Convention (LOPE-C), p. 213-216, 19-21 June, 2012, Munich, Germany.

23. B. Ertekin, H. Yilmaz, C. Baslak, M. Kus, "Decolourization Of Industrial Textile Wastewater By TiO₂ Nanoparticle Immobilized Surface Using Solar Irradiation", 8th Nanoscience and Nanotechnology Congress, Hacettepe University, 2012, Ankara, Turkey
24. M. Ersoz, Influence of Solvent System on Microphase separation of PS-PMMA BCPs, "Nanobiocolloidal materials and non-equilibrium self-assembly", Joint Meeting of WG 3 and WG 4, COST Action CM1101 Barcelona, June 18th-19th 2012
25. M. Kus, F. Ozel, S. Tilki, S. Kocaman and M. Ersoz, Colloidal Nanoparticles for Inkjet Printed Electronics, APOSTILLE workshop, Printed electronics: materials, components and applications, April 26-28 2012, Novi Sad, Serbia
26. C. Baslak, M. Kus, Y. Cengeloglu, M. Ersoz, Gradient and Homogenous CdTeSe Alloys as inks for Device Fabrication, "Large area Organic& Printed Electronics Convention (LOPE-C)", p. 72-74, 19-21 June, 2012, Munich, Germany.
27. M. Kus, F. Ozel, M. Ersoz, Solution Processable Magnetic Nanoparticles for Inkjet Printed Devices, "Large area Organic& Printed Electronics Convention (LOPE-C)", p. 210-212-74, 19-21 June, 2012, Munich, Germany
28. M. Kus, F. Ozel, S. Tilki, M. Ersoz, Color Tunable Polymer Hybrid Light Emitting Diodes, Large area Organic& Printed Electronics Convention (LOPE-C), p. 1-4, 19-21 June, 2012, Munich, Germany
29. C. Başlak, M Kuş, Y. Cengeloğlu, M Ersöz, Polymer/Semiconductor Photovoltaic Cells Based on CdTeSe Alloys, European Materials Research Society (EMRS), 11-14 May 2012 Strasbourg, France
30. F. Ozel, M Kus, S.Tilki, M. Ersoz, Synthesis of Colloidal Ni Doped ZnO Magnetic Nanoparticles as Ink for Printed Electronics, European Materials Research Society (EMRS), 11-14 May 2012 Strasbourg, France
31. B. Ertekin, M. Ersoz, "Formation Of Protein Micropatterns Using Polymeric Colloidal Particles" 25th Conference of the European Colloid and Interface Society, 2011, Berlin, Germany.
32. B. Ertekin, M. Ersöz, "Patterning Of Albumin Onto Polyelectrolyte Coated Glass Surface", 25th Conference of the European Colloid and Interface Society, 2011, Berlin, Germany.
33. I Akin, F Ozel, M Kus, M Ersoz, "Synthesis of Monodispersed Magnetite Nanoparticles" European Materials Research Society (E-MRS) 2011 Spring meetings, May 9-13, Nice, France (2011)
34. E Yenel, C Başlak, F Özel, M Kus, M Ersoz "Composition Effect of Ternary Alloyed CdSexS1-x Quantum Dots on Performance of Nanocrystal Polymer Hybrid Solar Cell" European Materials Research Society (E-MRS) 2011 Spring meetings, May 9-13, Nice, France (2011)
35. I Akin, G Arslan , A Tor, F Ozel, M Kus, M Ersoz "Synthesis of magnetic nanoparticles from waste red mud" European Materials Research Society (E-MRS) 2011 Spring meetings, May 9-13, Nice, France (2011)
36. M Kus, F Ozel, I Akin, E Yenel, M Ersoz, "Low Temperature Synthesis of Quaternary Cu₂ZnSnSe₄ Nanocrystals for Solar Cells" European Materials Research Society (E-MRS) Spring meetings, May 9-13, Nice, France (2011)
37. C Başlak, E Yenel, S Tilki, M Kuş, M Ersöz "Quantum Dot Solar Cells based on Ternary alloy CdSexTe1-x and CdSexS1-x nanocrystals" European Materials Research Society (E-MRS) Spring meetings, May 9-13, Nice, France (2011)
38. F Özel, A K Havare, E Yenel, İ Akin, M Kuş, M Ersöz "Luminescence Enhancement of OLED performance by dopin magnetic iron nanoparticles", European Materials Research Society (E-MRS) Spring meetings, May 9-13, Nice, France (2011)
39. I.H Gubbuk, L Gurfidan, S Erdemir, M Yilmaz, M Ersoz, "Preparation and characterization of Langmuir Blodget film of calixarene derivative", Workshop of COST D43, Functionalized Materials and Interfaces, WG5-P12, 30 March-1 April, 2011, Madrid, Spain.
40. B Sahan, M Ersoz, O. Y Gumus, O Erol, H.I Unal "Electrokinetic properties of polyindole/TiO₂ colloidal dispersions" Workshop of COST D43, Functionalized Materials and Interfaces, WG5-P12, 30 March-1 April, 2011, Madrid, Spain
41. M. Ersoz, "Preparation of activated composite membranes containing DEHPA and Cyanex-923 as carrier agents and their use in the facilitated transport of Cr(III) and Cr(VI) in aqueous solutions" 2nd Pak-Turk Seminar on Chemical Sciences (2nd PTSCS) Feb. 11-13, 2010 (Plenary Lecture)
42. S. Guzel, O. Erol, H. I. Unal, M. Ersoz, Electrorheology of polyindene/organo-montmorillonite conducting nanocomposite colloidal dispersions, 24. Conference on the European Colloid and Interface Society 5-10 September 2010, Prague, Czech Republics
43. Tor, A., Arslan, G., Muslu, H., Celiktas, A., Cengeloglu Y., Ersöz, M., Facilitated transport of Cr(III) through polymer inclusion membrane with Di(2-Ethylhexyl)phosphoric acid (DEHPA), 2nd Pak-Turk Seminar on Chemical Sciences, poster presentation PP-9, p. 37, 11-13 February 2010, Hyderabad Sindh, Pakistan

44. Akin, I., Arslan, G., Tor, A., Cengeloglu, Y., Ersoz, M., Yilmaz, M., Removal of Arsenate As(V) and Arsenite As(III) from water by using reverse osmosis, 2nd Pak-Turk Seminar on Chemical Sciences, poster presentation PP-90, p. 120, 11-13 February 2010, Hyderabad Sindh, Pakistan
45. I.H. Gubbuk, A Coskun, N Unlu, M Ersoz, Sorption of heavy metal ions from aqueous solution by oxime derivative functionalized sporopollenin: Equilibrium, kinetic and thermodynamic studies, 42nd IUPAC Congress Chemistry Solutions, 2-7 August 2009, Glasgow, Scotland, UK.
46. S. Guzel, O. Erol, H.I. Unal, M. Ersoz, Zetapotential characteristics of polyindene/omontmorillonite nanocomposite colloidal dispersions, COST D43 Workshop 6-11 Sep, 2009, Belek, Antalya
47. I.H. Gubbuk, L. Gurfidan, A. Coskun, M. Ersoz, Chemical Modification of sporopollenin with 4-(Thiophenoxy)phenyloxyhydroxymoyl chloride via a chemical modification for adsorption to heavy metal ions, 3rd International Conference Cost Action 637, Metal and Related Substances in Drinking Water (MetEAU), 21-23 October 2009, Ioannina, Greece.
48. M. Ersoz, "Surface Patterning and Functionalisation for Nanotechnological Applications" Taibah Int. Conference 2009, 23-25 March 2009, Al Madinah, Saudi Arabia, (invited talk) p. 77.
49. Bingol H., Akgemci E.G., Deligoz H., Ersoz M., Development of Hg(II) sensors based on the assisted transfer of metal ions by ketone derivative of chromogenic azocalix[4]arene through micro-water/1,2-DCE interface, 8th International Electrochemistry Meeting, 8-11 October 2009, Antalya, Turkey.
50. M. Ersoz, H. I. Unal "Deposition of polystyrene nanosphere on octadecyltrichlorosilane modified indium-tin oxide(ITO) surface", Workshop of COST D43, Functionalized Materials and Interfaces, 17-19 March 2009, Avignon, France
51. G. Arslan, A. Tor, I. Akin, Y. Çengeloglu, M. Ersöz, "Synthesis of Fe₃O₄ Nanoparticle by the Recovery of Iron from Waste Red Mud and Its Usage for The Removal of As(V)", 3rd International Conference, oral presentation p. 39-40, 21-23 October 2009, Ioannina, Greece.
52. M. Ersoz, K. Can, M. Ozmen, G. Arslan, A. Tor, "Surface Modification of Glass Beads with Glutaraldehyde: Characterization and Their Adsorption Property for Metal Ions", 3rd International Conference, oral presentation p. 38, 21-23 October 2009, Ioannina, Greece.
53. A. Tor, I. Akin, G. Arslan, Y. Çengeloglu, M. Ersöz, "Application of Reverse Osmosis Technology for Arsenic [As(V) and As(III)] Removal from Natural Waters", 3rd International Conference, oral presentation p. 37, 21-23 October 2009, Ioannina, Greece.
54. I. Akin, G. Arslan, A. Tor, Y. Çengeloglu, M. Ersöz, "Application of Reverse Osmosis Technology for Arsenic Removal from Aqueous Solution", 2nd International Conference, oral presentation p. 42, 29-31st October 2008, Lisbon, Portugal.
55. M. Ozmen, K. Can, G. Arslan, A. Tor, M. Ersoz, "Synthesis of Chloro-terminated Magnetite Nanoparticles Bonded with DEHPA for the Removal of Pb(II)", 3rd International Conference, Poster presentation p. 52, 21-23 October 2009, Ioannina, Greece.
56. A. Tor, I. Akin, G. Arslan, Y. Çengeloglu, M. Ersoz, "Removal of Cr(VI) from Aqueous Solution by Anion Exchange Resin and Fibre", 3rd International Conference, Poster presentation p. 51, 21-23 October 2009, Ioannina, Greece.
57. M. Özmen, K. Can, **G. Arslan**, İ. H. Gübbük, A. Tor, M. Ersöz, "Synthesis of Superparamagnetic Magnetite Nanoparticles and Modified Schiff Base for Metal Adsorption", 2nd International Conference, poster presentation p. 55-56, 29-31st October 2008, Lisbon, Portugal.
58. M. Ersoz, K. Can, M. Ozmen "Microcontact Printing of Octadecyltriethoxysilane Monolayers for the Selective Deposition of Colloidal Particle on Indium Tin Oxide Surface", , ECIS 2008, 22nd Conference of the European Colloid and Interface Society, p. 578, (2008)
59. M. Ozmen, K. Can, M. Ersoz "Formation of Poly-(Allylamin Hydrochlorid) Particles onto Patterned Silane Layers", ECIS 2008, 22nd Conference of the European Colloid and Interface Society, p. 594. (2008)
60. K. Can, M. Ozmen, M. Ersoz "Fabrication of Patterned Poly 4-[(E)- (4,6-Bis[(1E)-Ethylideneamino]-1,3,5-triazin-2-yl)imino)methyl]benzoic acid Microstructure Through Microcontact Printing and Electrochemistry", ECIS 2008, 22nd Conference of the European Colloid and Interface Society, p. 574 (2008)
61. E.G. Akgemci, H. Bingol, A. O. Saf, H. Deligoz, T. Atalay, M. Ersoz "Hg²⁺ Ion Transfer Across the Water / 1,2-Dichloroethane Interface Facilitated by Ketone Derivative of Chromogenic

- Azocalix[4]arene" ECIS 2008, 22nd Conference of the European Colloid and Interface Society, p. 562 (2008)
62. I H. Gubbuk, E. Karatas, H. I. Ucan, N. Unlu, M. Ersoz "Surface Modification of Indium Tin Oxide with Self-Assembled Monolayer Modified Poly[2-(4-Carboxyphenylamino)-4,6-(4,4'-Diaminodiphenylmethane)-1,3,5- Triazine]", ECIS 2008, 22nd Conference of the European Colloid and Interface Society, p. 580 (2008)
 63. M. Ozmen, K. Can, M. Kus, M. Ersoz "Preparation of Isocyanatopropyl Monolayer on Indium-Tin Oxide (ITO) Surfaces and Functionalization with Albumin", , NanoTR-IV, 4. Ulusal Nanobilim ve Nanoteknoloji Konferansı, sayfa 189, (2008)
 64. K. Can, M. Ozmen, M. Ersoz "Synthesis of Aminosilane Modified Superparamagnetic Magnetite Nanoparticles and Their Use for Albumin Immobilization", , NanoTR-IV, 4. Ulusal Nanobilim ve Nanoteknoloji Konferansı, sayfa 191 (2008)
 65. M Ersoz, "Patterning of surfaces for functionalisation", Nanobiotechnology: Biointerface International Workshop" EC Joint Research Centre, Ispra, Italy, 5-7 December **2007 (Invited talk)**.
 66. M. Ersoz, "Surface Patterning and Functionalisation" COST D43 Workshop, Functional Interfaces-Theory and Experiments, 19-21 March 2007, Crakow, Poland, (**invited talk**) p. 18.
 67. I. Hatay, M. Ersoz, I. Stibor, P. Lhotak, H. I. Unal, Surface modification of active functional compounds on self assembled monolayers, COST D43 Workshop. March 19-21, 2007, Krakow, Poland
 68. M. Ozmen, **G. Arslan**, A. Tor, Y. Cengeloglu, M. Ersoz, "Boric acid Adsorption on Humic Acids: Determination of Boron in Aqueous Solutions by Continuum Source AAS (CONTR AA)", METEAU Metals and Related Substances in Drinking Water, Cost Action 637, International Conference, PP 28, p.61, 24-26 October 2007, Antalya-Turkey.
 69. I. H. Gubbuk, İ. Hatay, A. Coşkun, M. Ersöz, "Efficient immobilization of oxime derivative onto silica gel and used for adsorption studies" 21st Conference of the European Colloid and Interface Society (ECIS 2007), 4B25, September 10-14, 2007, Geneva, Switzerland
 70. I H Gubbuk, R Gup, M Ersoz "Covalent immobilization of benzylphenone 4-aminobenzylhydrazone on silica gel for application in aqueous solution" 21st Conference of the European Colloid and Interface Society (ECIS 2007), 4B37, September 10-14, 2007, Geneva, Switzerland.
 71. İ. Hatay, R. Güp, M. Ersoz "Adsorption and thermochemical data of divalent cations onto silica gel surface modified with Schiff base at solid/liquid interface" ECIS 2007, 21st Conference of the European Colloid and Interface Society, 429 (2007)
 72. E. G. Akgemci, H. Bingol, S. Kaya, M. Ersoz, I. Stibor "Facilitated transfer of alkali metal ions at the water/1,2-dichloroethane interface by p-tert-butyl-thiacalix[4]arene derivative", ECIS 2007, 21st Conference of the European Colloid and Interface Society, 421 (2007)
 73. H. Bingol, E. G. Akgemci, T. Atalay, M. Ersoz, I. Stibor "Sodium and lithium ions transfer across a water/1,2-dichloroethane interface facilitated by a tetraaster-thiacalix[4]arene derivative" ECIS 2007, 21st Conference of the European Colloid and Interface Society, 422 (2007)
 74. **M Ozmen**, I.Hatay, Ivan Stibor, Pavel Lhotak, Mustafa Ersoz, "Surface Patterning of Indium Tin Oxide and Functionalization with a Macromolecule" **41st IUPAC World Chemistry Congress**, Torino, ITALY, 5-11 August 2007.
 75. M. Ozmen, G. Arslan, M. Ersoz, "Immobilization of Silane Monolayers on TiO₂ Thin Films by Self-Assembling", 1th European Chemistry Congress, p.167-168, 27-31 August 2006, Budapest, Hungary.
 76. Ozlem Altintas, Ali Tor, Gulsin Arslan, Yunus Cengeloglu, Mustafa Ersöz, "Removal of Nitrate from Aqueous Phase by Donnan Dialysis", International Workshop on Frontiers and interfaces of Ion Exchange, P.58, p.119, IEW, 11-15 June 2006, Hotel Porto Bello, Antalya.
 77. M. Ozmen, G. Arslan, M. Ersoz, "Microcontact Printing of Alkylsilane Monolayer on the Glass Surface and TiO₂ Thin Film", Nano-TRII, Nanoscience and Nanotechnology, 106, 2006, Middle East Technical University, Ankara, Turkey.
 78. A. Tor, **G. Arslan**, Y. Cengeloglu, M. Ersoz, "Removal of Boron from Water by Donnan Dialysis", *17th International Congress of Chemical and Process Engineering*, Org.No.:C6.08 [387], 27-31 August 2006, Prague - Czech Republic
 79. G. Arslan, S. Cetin, E. Pehlivan, "Batch Removal of Nickel from Aqueous Solution by Low Cost Sorbents", EuroanalysisXIII, European Conference on Analytical Chemistry, PS2-250, 5-10 September 2004, Salamanca, Spain.

80. Tor, A. G. Arslan, Y. Cengeloglu, M. Ersoz, "Removal of boron from water by Donnan dialysis" Org.No.:C6.8 [1664] 17th Int. Congress of Chemical and Process Eng. 27-31 August 2006, Prague - Czech Republic.
81. **I H Gubbuk**, R Gup, M Ersoz, "Sorption the Schiff Base Derivative Anchored on Silica Gel" 1st International Türkiye Pakistan Chemistry Days, PP20, 26-28 April 2007, Konya Türkiye
82. **Ilkay H. Gubbuk**, Mustafa Ersöz, Ramazan Güp, "Preparation and characterization of a 4-Chloroisnitroacetophenone 4-aminobenzylhydrazone..." 1st European Chemistry Congress, G-PO 32, 27-31 August 2006, Budapest, Hungary
83. **I.Hilal Gubbuk**, Mustafa Özmen, Serpil Çetin, Ramazan Güp, Hüseyin Kara, Mustafa Ersöz, "Removal of copper ions from the aqueous solutions in fixed bed using immobilized silica supports with 4-chloroisnitroacetophenone 4-aminobenzylhydrazone" *International Workshop on Frontiers and Interfaces of Ion Exchange*, P.69, p.136, IEW, 11-15 June 2006, Hotel Porto Bello, Antalya Türkiye.
84. **M Ozmen**, G arslan, M. Ersoz "Immobilization of Silane Monolayers on TiO₂ Thin Films by Self-Assembling", **1st European Chemistry Congress**, Budapest, HUNGARY, 2006.
85. Altintas, O., A. Tor, G. Arslan, Y. Cengeloglu, M. Ersoz, "Removal of Nitrate from Aqueous Phase by Donnan Dialysis", International Workshop on Frontiers and Interfaces of Ion Exchange, IEW 2006, Hotel Porto Bello, Antalya, 11-15 June 2006.
86. A. Cimen, M. Ersoz, S. Yildiz, "The Donnan Potentials of Polysulfonated Cation Exchange Membranes" XVIIth European Chemistry at Interfaces Conference (ECIC-XVII), 27 June-1 July, Page 164, Loughborough, 2005.
87. M. Ersoz, E. Kir, A. Tor, Y. Cengeloglu. "Recovery of Al(III), Fe(III), Ti(IV) and Na(I) From Red Mud by ion Exchange Membranes", XVIIth European Chemistry at Interfaces Conference (ECIC-XVII), 27 June-1 July, Page 177, Loughborough, 2005.
88. I. Hilal Gübbük, O. Gungor, M. Ersoz, M. Yilmaz, "Mercury(II) Transport through 25,27-bis-(2-Cyanomethoxy) 26,28 Dihydroxycalix-[4]arene Supported Liquid Membranes" XVIIth European Chemistry at Interfaces Conference (ECIC-XVII), 27 June-1 July, Page 166, Loughborough, 2005.
89. Y. Cengeloglu, **M.Ersoz**, E.Kir. "Separation of Binary Fe(III) And Ti(IV) Solution Through Cation Exchange Membranes Under Donan Dialysis", XVIIth European Chemistry at Interfaces Conference (ECIC-XVII), 27 June-1 July, Page 162, Loughborough, 2005.
90. N. Unlu and M. Ersoz, "The Removal of Cu(II), Pb(II) and Cd(II) in Aqueous Solution by Sorption onto Modified Sporopollenin", Euroanalysis XIII European Conference on Analytical Chemistry, Salamanca, Spain, September 5-10, (2004), OS7-1.
91. Z. Yazicigil, Y. Oztekin, **M. Ersoz**, The Regeneration Of Acids From Salts Of Metals By Salt Splitting, Euroanalysis XIII European Conference on Analytical Chemistry, Salamanca, Spain, September 5-10 (2004) PS2-249.
92. H. Kara, Ü.Gürçan, M. Sahin, K. Dolaş, G.Kaynak and M. Ersöz" The Formation Of Trans Fatty Acid During The Chemically And Physically Refinery Process Of Some Edible Oil" Euroanalysis XIII European Conference on Analytical Chemistry, Salamanca, Spain, September 5-10 (2004) PS2-251
93. I.H. Gugul, A. Sahin, M. Ersoz, O. Gungor and M. Yilmaz "Transport Kinetics of Hg²⁺ through Bulk Liquid Membrane Using Dibenzonitril Calixarene, Euroanalysis XIII European Conference on Analytical Chemistry, Salamanca, Spain, September 5-10 (2004) PS2-252.
94. A. Sahin, I.H. Gugul, M. Tabakci, M. Ersoz and M. Yilmaz "Transport of Amino Acids through Bulk Liquid Membrane using Calix[6]arene Carboxylic Acid Derivative", Euroanalysis XIII European Conference on Analytical Chemistry, Salamanca, Spain, September 5-10 (2004) S10-O6.
95. Y. Oztekin, Z. Yazicigil, **M. Ersoz**, Electrolytic Recovery Of Metal From Aqueous Solutions By Electrodeposition, Euroanalysis XIII European Conference on Analytical Chemistry, Salamanca, Spain, September 5-10 (2004) PS2-248.
96. Tor, A., **Y. Cengeloglu**, M.E. Aydin, Esengül Kir, M. Ersoz, and K. Gür, "A Study On The Analytical Method For The Analysis Of Selected Chlorinated Phenols In Waste Water", *12th International Symposium On Environmental Pollution And Its Impact On Life In The Mediterranean Region*, MESAEP & SECOTOX, B102, Antalya, 2003.

97. Z. Yazicigil, Y. Oztekin, **M. Ersoz**, Y Cengeloglu, "Recovery of Metals from Complexed Solutions by Electrodeposition" I. Process Intensification and Miniaturisation, University of Newcastle Upon Tyne, Newcastle Upon Tyne, U.K. August 18-21 (2003).
98. H.K. Alpoguz, S. Memon, **M. Ersoz**, M Yilmaz, "Transport of Hg²⁺ through Supported Liquid Membrane Using Calix[4]arene Derivatives as Carrier" I. Process Intensification and Miniaturisation, University of Newcastle Upon Tyne, Newcastle Upon Tyne, U.K. August 18-21 (2003).
99. E.G. Akgemci **M. Ersoz**, T. Atalay, "Applications of Electro-electrodialysis for Recovery of Acids from Pickle Waste in Leather Industry" I. Process Intensification and Miniaturisation, University of Newcastle Upon Tyne, Newcastle Upon Tyne, U.K. August 18-21 (2003).
100. F. Durmaz, H. Kara, Y. Cengeloglu, **M. Ersoz**, "Fluoride Removal by Donnan Dialysis with anion Exchange Membrane" I. Process Intensification and Miniaturisation, University of Newcastle Upon Tyne, Newcastle Upon Tyne, U.K. August 18-21 (2003).
101. G. Ahmedova, R. Kurbanov, Y. Burdurlu, E. Ozcan and **M. Ersoz**, "The evaluation of industrial waste materials in polymer chemsirty", 1st International Workshop on Environmental Quality and Environmental Engineering in the Middle East Region, Konya, Turkey, October 5-7 (1998).
102. A. Okudan, **M. Ersoz**, U. S. Vural and S. Yildiz, "Transport studies of amino acids through a liquid membrane system by carboxylated polystyrene carrier", 35th IUPAC Congress, Istanbul, August 14-19 (1995).
103. S. Yildiz, **M. Ersoz**, U. S. Vural and E. Pehlivan, "Ligand sorption and kinetics of aromatic amines on new ligand-exchanger sporopollenin in Co²⁺ ion", 35th IUPAC Congress, Istanbul, August 14-19 (1995).
104. A. Ayar, **M. Ersoz**, E. Pehlivan and S. Yildiz, "Sorption of heavy metals on new chelating resins of sporopollenin", 35th IUPAC Congress, Istanbul, August 14-19 (1995).
105. U. S. Vural, **M. Ersoz**, S. Yildiz and E. Pehlivan, "The charge-transfer of iodine through a liquid membrane system by calixarene carriers", 35th IUPAC Congress, Istanbul, August 14-19 (1995).
106. E. Pehlivan, S. Yildiz and **M. Ersoz**, "Ligand-exchange of nucleosides and nucleic acid bases on aDAEG-sporopollenin and kinetics in the resin", Separations For Biotechnology 3, The University of Reading, Reading, England, 12-15 September (1994).
107. **M. Ersoz**, S. Yildiz and E. Pehlivan, "Ligand-exchange chromatography and kinetics of nucleosides and nucleic acid bases on immobilized copper-, nickel-, and cobalt-bis-diaminoethyl-glyoximated (bDAEG)-sporopollenin", Ion-Ex'93, North East Wales Institute, Wrexham, UK. April 4-7 (1993).

NATIONAL CONFERENCE PAPERS

1. E Zor, ME. Sağlam, H Bingöl, A. Ramanavicius ve M. Ersöz "Sistin Enantiyomerlerinin Kimyasal Fonksiyonlu-Grafen Tabanlı Modifiye Elektrot ile Elektrokimyasal Olarak Ayırtdilmesi" IV. Fiziksel Kimya Kongresi, 05-08 Haziran 2014, Pamukkale Üniversitesi, Denizli, Türkiye.
2. M.E. Sağlam, İ Akin, E Zor, H Bingol and M. Ersoz "Water-soluble SnSeS Quantum Dots for Sensitive Detection of Dopamine" 10. Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-10), 17-21 Haziran 2014, Yeditepe Üniversitesi, İstanbul, Türkiye
3. E. Zor, S. Ateş, A.Ö. Saf, E.G. Akgemci, H. Bingöl ve M. Ersöz "Grafen Tabanlı Modifiye Elektrot ile Mandelik Asit Enantiyomerlerinin Elektrokimyasal Olarak Ayırtdilmesi" I.Ulusal Biyosensör Kongresi, 22-26 Haziran 2014, Namık Kemal Üniversitesi, Tekirdağ, Türkiye.
4. E. Zor, M.E. Sağlam, S. Alpaydin, H. Bingol and M. Ersoz "Reduced Graphene oxide/ α -cyclodextrin Hybrid for Detection of Methionine: Electrochemical, Fluorometric and

Computational Study" 10. *Ulusal Nanobilim ve Nanoteknoloji Konferansı (NanoTR-10)*, 17-21 Haziran 2014, Yeditepe Üniversitesi, *İstanbul, Türkiye*

5. E. Zor, M.E. Saglam, İ. Akın, A.O. Saf "Enzimatik Metotla İndirgenmiş Grafen Oksit/NanoPolipirol Kompozit Materyalin Sentezi ve Gerçek Numunede H₂O₂ Tayini" *1.Ulusal Biyosensör Kongresi*, 22-26 Haziran 2014, Namık Kemal Üniversitesi, *Tekirdağ, Türkiye*.
6. Kırdı, İ., Arslan, G., Tor, A., Ersöz, M., "Ticari Cyanex-923 ile Polimer İçeren Membran (PIM) Hazırlama ve Cr(VI)'nın İyon Taşıma Özelliklerinin Belirlenmesi", 25. Ulusal Kimya Kongresi, poster sunum, 27.06-02.07.2010, Atatürk Üniversitesi, Erzurum
7. Arslan, G., Tor, A., Çengelöglü, Y., Ersöz, M., Ticari Cyanex-272 ile Polimer İçeren Membran (PIM) Hazırlama ve İyon Taşıma Özelliklerinin Belirlenmesi, XXIV. Ulusal Kimya Kongresi, sözlü sunum, 29 Haziran-2 Temmuz 2010, Zonguldak Karaelmas Üniversitesi, Zonguldak.
8. N Ünlü, İ.H Gübbük, A Coşkun, M Erzenin, M Ersöz, "*Keto Oksim [4-(phenoxy)phenyloxylohydroxymoyl chloride] Bağlı Sporopolleninin Hazırlanması ve Sulu Ortamlardan Bakır(II) Adsorpsiyonun İncelenmesi*", Kromatografi-2008, s.27, 09-12 Haziran 2008, Isparta.
9. M Özmen, G Arslan, M Ersöz, Y Çengelöglü, Mikrokontakt Printing Yöntemiyle Bazı Organik Molekül Tabakalarının TiO₂ Filmi Üzerine Fonksiyonlandırılması, XX. Ulusal Kimya Kongresi, FKP-37, 4-8 Eylül 2006, Erciyes Üniversitesi, Kayseri
10. A. Şahin İ.H Güğül, M Ersöz, "Mikrokontakt Printing Yöntemi ile Silan Bileşikleri ile Monolayer Hazırlanması" XVIII. Ulusal Kimya Kongresi, p. 580, 5-9 Temmuz 2004, Kafkas Üniversitesi, Kars.
11. H. Korkmaz Alpoğuz, Emine Akgemci, İ.Hilal Güğül, Mustafa Ersöz "Hg⁺² Katyonunun Kaliks[re]aren Taşıyıcıları Kullanılarak Sıvı Membranlardaki Transportunun Kinetik Analizi" XV. Ulusal Kimya Kongresi, 2001, İstanbul.
12. E.G. Akgemci, H.K. Alpoğuz, İ.H. Güğül, T. Atalay, M. Ersöz , "Formik Asit Ve Sülfürik Asidin Difüzyon Dializi İle Çeşitli Anyon Değiştirici Membranlardan Transportu" XV. Ulusal Kimya Kongresi, 2001, İstanbul.
13. İ.H. Güğül, M. Ersöz "Polieter-Sülfon Anyon Değiştirici Membranlarda Asitlerin Geri Kazanılması," XIV. Ulusal Kimya Kongresi, Eylül 10-15, 2000, Diyarbakır
14. I. H. Güğül, A. Sahin and M. Ersöz, "Polieter-sulfon anyon değiştirici membranlarda asitlerin transportu" XIV. Ulusal Kimya Kongresi, Eylül 10-15, 2000, Diyarbakır.