

Şeniz Özalp-Yaman, Ph.D.

Professor of Chemistry

Atılım University

Department of Chemical Engineering and Applied Chemistry

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EDUCATION

2005-2006	Post Doc.: Leiden University, Leiden Institute of Chemistry, Bioinorganic and Coordination Chemistry, The Netherlands, <i>Supervisor: Prof. Jan Reedijk: The design and synthesis of novel heterodinuclear complexes combining a DNA-cleaving agent.</i>
1994-2000	Ph.D.: Middle East Technical University, Faculty of Arts and Science, Inorganic Chemistry, Ankara. <i>Supervisor: Prof. H. İşçi, and A.M. Önal (cosupervisor): Electronic Spectra, Electrochemistry and Axial Ligand Exchange Kinetics of Binuclear Rhodium Complexes, (Rh₂(Y-Y)₄L₂)ⁿ (Y= Bidentate Ligands, L= Monodentate Ligands)</i>
1991-1993	M.Sc.: Middle East Technical University, Faculty of Arts and Science, Physical Chemistry, Ankara, Turkey. <i>Supervisor: Prof. A.M. Önal, and H. İşçi (cosupervisor): Electrochemical Behavior of Some Metal Complexes Containing Sulphur Ligands.</i>
1986-1991	B.Sc.: Middle East Technical University, Faculty of Education, Chemistry Education, Ankara, Turkey

ACADEMIC POSITIONS

Mar 2019-present	Chairman , Chemical Eng. and Appl. Chem. Dept., Atılım University, Turkey
Dec 2014-present	Professor , Chemical Eng. and Appl. Chem. Dept., Atılım University, Ankara, Turkey
Dec 2006-Dec 2014	Assoc. Professor , Chemical Eng. and Appl. Chem. Dept., Atılım University, Ankara, Turkey
Sept 2010-Apr 2014	Chairman , Chemical Eng. and Appl. Chem. Dept., Atılım University, Turkey
Apr 2007-Sept 2010	Deputy of Dean , Engineering Faculty, Atılım University, Ankara, Turkey
Aug 2000-Sept 2010	Head of Chemistry Division , Engineering Faculty, Atılım University, Ankara, Turkey
Feb 2005-Dec 2005	Visiting Scientist , Leiden University, Leiden Institute of Chemistry, Bioinorganic and Coordination Chemistry, The Netherlands
Aug 2000-Dec 2006	Assist. Professor , Industrial Engineering Dept., Atılım University, Ankara, Turkey
Sept 1996-Jan 2000	General Chemistry Lab. Coordinator , Middle East Technical University, Ankara, Turkey

Oct 1991-Jan 2000	Teaching Assistant , Middle East Technical University, Ankara, Turkey
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SECONDMENTS

1	Member of Faculty Committee (<i>Prof.</i>), Faculty of Engineering, Atılım University, Sept 2014-present
2	Governing Council of the Faculty (<i>Prof.</i>) Faculty of Engineering, Atılım University, Sept 2014-present
3	Member of Faculty Committee (<i>Assoc.Prof.</i>), Faculty of Engineering, Atılım University, Sept 2007-Sept 2013.
4	Governing Council of the Faculty (<i>Assoc.Prof.</i>), Faculty of Engineering, Atılım University, Sept 2007-Sept 2012.
5	Seconded (1 day/week) to Undersecretariat of Defense Industry, Ankara, May 2010-May 2014.
6	Member of Faculty Committee (<i>Assoc.Prof.</i>), Faculty of Art, Design and Architecture, Atılım University Sept 2007-Sept 2012.
7	Governing Council of the Faculty (<i>Assoc.Prof.</i>), Faculty of Art, Design and Architecture, Atılım University, Sept 2007-Sept 2012.
8	Member of Faculty Committee (<i>Assoc.Prof.</i>), Faculty of Management, Atılım University, Oct 2008-2009.
9	Governing Council of the Faculty (<i>Assoc.Prof.</i>), Faculty of Management, Atılım University, Oct 2008-2009.

RESEARCH INTERESTS

1	Bioinorganic Chemistry: <i>Design and synthesis of drugs especially antitumor drugs, Interactions between DNA-metal ions; DNA-metal complexes; Protein and metal complexes</i>
2	Coordination Chemistry: <i>Synthesis, electronic structure and electronic absorption spectrum of metal complexes</i>
3	Bioelectrochemistry: <i>Investigation of binding ability of the complexes on DNA by electrochemical methods</i>
4	Electrochemistry: <i>Electrochemical behavior of metal complexes</i>
5	Spectroelectrochemistry: <i>Combination of the spectroscopic and electrochemical methods.</i>
6	Inorganic Polymers: <i>Polymers of some Schiff base containing metals</i>
7	Chemistry Education: <i>New teaching methods and computer based testing</i>

PROFESSIONAL SERVICE

1	<i>Reviewer</i> for some European Union Grant Applications and Research Projects (Programs: Marie Curie-ITN and Marie Skłodowska Curie Research Programs Brussel, Belgium and Leonardo da Vinci PLM, IVT, VETPRO, TOI and Erasmus + Research program Ankara, Turkey)
2	<i>Reviewer</i> for some Tubitak (Turkey) (Programs 1001) and Ministry of Industry Research Grant Applications and Research Projects.
3	<i>Frequent Reviewer</i> of Energy Conversion and Management Journal, Electrochimica Acta, Journal of Coordination Chemistry, IEEE, Journal of Inclusion Phenomena.
4	<i>Panel Member</i> of Undersecretariat of Defense Industry CBRN-study group, May 2010-2014.

UNIVERSITY SERVICE

1	Graduate Advisor for M.Sc. and PhD. Students
2	Ad-hoc Committees for Promotion to Assoc. Prof. and Prof. rank (member)
3	Member of Search Committee for Head of Chemical Engineering Department
4	Member of Animal Experiments Ethical Committee
5	Laboratory Development Committee
6	Continuing Education Committee (ETPO center)
7	Member of ABET 2000 Committee
8	Member of Faculty Secondment Committee
9	Member of INNOVANKARA (Industry-University consortium) founder secretariat

PUBLICATIONS

A) Publications of Original Research (SCI, SSCI, AHCI indexes)

1	M. Buaisa, Ş. Balku, Ş. Özalp Yaman , "ANN-Assisted Forecasting of Adsorption Efficiency to Remove Heavy Metals", Turkish Journal of Chemistry , in review process, 2019.
2	M. Buaisa, Ş. Balku, Ş. Özalp Yaman , "Comparison of kinetics and ANN models in adsorption by nanoparticles in waste water treatment", Int. J. Env. Sci. Techn , in review process, 2019.
3	R. El-Hag, M. M. Abdusalam, C.Acilan, Ş. Özalp Yaman , H. Kayi, "Radical cleavage pathway and DNA docking studies of novel chemotherapeutic platinum agent of 5,6-di-2-thienyl-2,3-dihydropyrazine", Polyhedron , 170, 25-33, 2019.
4	Z. Adıgüzel, Ş. Özalp Yaman , G. Celik, C.Acilan, "A platinum-blue complex exerts its cytotoxic activity via DNA damage and induces apoptosis in cancer cells", Chemical Biology & Drug Design , 90(2), 210-224, 2017.
5	M. Buaisa "An optimum design for activated sludge systems" Athens Journal of Technology and Engineering , 3, 299-314, 2016.
6	D. Altunoz Erdogan, F. Korkmaz, S.Özalp-Yaman , "Interaction of a Novel Platinum Drug with Bovine Serum Albumin: FTIR and UV-Vis Spectroscopy Analysis", New J.Chem. , 39, 5676, 2015.
7	D. Altunoz Erdogan, H. Kayi, S.Özalp-Yaman , "Spectroelectrochemical Investigation of Nuclease Active Pt(II) Complexes Containing Pyrrole Oxime", J. Electrochimica Acta , 158, 333-341, 2015.
8	D. Altunoz Erdogan, S.Özalp-Yaman , "Novel Pt(II) complexes containing pyrrole oxime; synthesis, characterization and DNA binding studies", J. of Mol. Structure , 1064, 50–57, 2014.
9	O. Ozbek, S. Özalp-Yaman , I. Ozkan, A.M. Önal, H. Isci, "Spectroelectrochemical investigations of pyrimidine-2-thionato-bridged binuclear platinum(III) complexes" Polyhedron , 74, 122–128, 2014.
10	H. Karaca, S. Sezer, S. Özalp-Yaman , C. Tanyeli, "Concise synthesis, electrochemistry and spectroelectrochemistry of phthalocyanines having triazole functionality", Polyhedron , 72,

	147–156, 2014.
11	B.S. İşgör, Y.G. İşgör, Ş.Özalp Yaman "The role of metal coordination complexes in cytosolic cellular defense", Pure Appl. Chem. , Vol. 85, No. 2, pp. 365–375, 2013.
12	Ş. Özalp-Yaman , Nergiz Ercil-Çağıltay, Can We Get Benefits of Computer-Based Testing in engineering Education?, Computer Applications in Engineering Education , 21(2), 287-293, 2013.
13	B.S. İşgör, Ş.Özalp Yaman, "Glutathion S-Transferase inhibitory of novel platinum complexes with ligands of oxime derivatives", FEBS Journal , 278 (1), 333-334 (2011).
14	Şeniz Özalp-Yaman , Paul de Hoog, Palanisamy Uma Maheswari, Hélène Casellas, Amalija Golobič, Bojan Kozlevčar, Patrick Gamez and Jan Reedijk, Spectroelectrochemical Studies of Nuclease-Active Zinc(II) Coordination Compounds from the Ligands Hpyramol and Hpyrimol, Electrochimica Acta , 55 (2010), 8655-63.
15	B.S. İşgör, Ş. Özalp Yaman , "A novel platinum blue complex containing sulfur-donor as a potential antitumor active drug", FEBS Journal , 276 (1), 314-315 (2009).
16	Ş. Özalp-Yaman , P. de Hoog, G. Amadei, M. Pitié, P. Gamez, J. Dewelle, T. Mijatovic, B. Maunier, R. Kiss, J. Reedijk, Platinated copper(3-Clip-Phen) complexes as effective DNA-cleaving and cytotoxic agents, Chem. Eur. J. , 14 (11), 3418-3426 (2008).
17	P.U. Maheswari, S. Banderas, Ş. Özalp-Yaman , P. de Hoog, H. Casellas, S. J. Teat, C. Massera, M. Lutz, A. L. Spek, G. P. Van Wezel, P. Gamez and J. Reedijk, Unique ligand based oxidative Cleavage by zinc(II) complexes of Hpyramol and Hpyrimol, Chem. Eur. J. , 13, 5213-5222 (2007).
18	C. Boldron, Ş. Özalp-Yaman , P. Gamez, D.M.Tooke, A.L Spek, J. Reedijk, Selective copper(II)-mediated oxidative coupling of a nucleophilic reagent to the para-methyl group of 2,4,6-trimethylphenol, Dalton Trans. , 3535-3541 (2005).
19	Ş. Özalp-Yaman , M.Baştürkmen, D.Kisakürek, Simultaneous novel synthesis of conducting and non-conducting halogenated polymers by electroinitiation of (2,4,6-trichloro-or 2,6-dichlorophenolato)Ni(II) complexes, Polymer , 46, 6786-6796 (2005).
20	Ş. Özalp-Yaman , V.T. Kasumov, A.M. Önal, Electrochemistry of nickel(II) complexes with N,N'-bis(3,5-di-tert-butylsalicylidine)polymethylenediamines, Polyhedron , 24, 1821-1828 (2005).
21	V.T. Kasumov, Ş.Özalp-Yaman , E.Taş, Synthesis spectroscopy and electrochemical behaviour of Nickel (II) complexes with tetradentate schiff bases derived from 3,5-Bu ₂ ^t -salicylaldehyde, Spectrochimica Acta Part A , 62(1-3), 716-720(2005).
22	V.T. Kasumov, E.Taş, F.Köksal, Ş.Özalp-Yaman , Synthesis characterization, redox behaviour and hydrogenation catalytic activity of bis(N-aryl-3,5-Bu ₂ ^t -salicylaldimino)palladium(II) complexes, Polyhedron , 24, 319-325 (2005).
23	Ş. Özalp Yaman , A. M. Önal, H. İşçi, Electrochemistry of Acetato-, Carbonato-, Sulphato- and Dihydrogendisulphato- Bridged Dirhodium(II) Complexes, Zeitschri für Naturforschung , 58b, 563-570 (2003).
24	Ş. Özalp Yaman , A.M. Önal, L. Türker, Electrochemical and quantum chemical studies on mitomycin and adriamycin, Journal of Molecular Structure , 654, 81-93 (2003).
25	A.M.Önal, H.İşçi, Ş. Özalp Yaman , Low Temperature Spectroelectrochemistry of Tetraethylammoniumtris(ethylxanthato) Nickalate(II) and Bis(ethylxanthato)nickel(II), Inorg. Reaction Mechanisms , 4 (3-4), 133-139 (2002).
26	Ş. Özalp Yaman , E.Esentürk, C.Kayran, A.M.Önal, Spectrochemical Investigation of Pentacarbonyl(pyrazine)metal(0) (Metal=Cr, Mo, W) Complexes of Group 6 Elements, Z. Naturforsch. , 57b, 92-98 (2002).

27	Ö.Dağ, Ş. Özalp Yaman , A.M.Önal, H. İşçi, Spectro-electrochemistry of Potassium Ethylxanthate, Bis(ethylxanthato)nickel(II) and Tetraethylammoniumtris(ethylxanthato)nickelate(II), J. Chem. Soc., Dalton Transaction , 2819-2824 (2001).
28	Ş. Özalp Yaman , A.M.Önal, H.İşçi, Spectro-Electrochemistry of Diethyldithiocarbamate Complexes of Ni(II), Pd(II) and Pt(II), Zeitschrift für Naturforschung , 56b, 202-208 (2001).

B) Books/Book Chapters

1	Şeniz Özalp Yaman (Editor) , Proceedings of International Engineering Book, EBSCO publishing.
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C) Articles in trade journals

1	Ş. Özalp Yaman , "Antitümör Etkinliği olan yeni bir ilaç:Kükürtten bağlanan ligandlar içeren Platin mavisi kompleksi", İZ Dergisi, 7, 39-41 (2008).
2	Ş. Özalp Yaman , B. İşgör, "Türkiye de Yeni Bir Mühendislik Programı: Kimya Mühendisliği ve Uygulamalı Kimya, <i>Cumhuriyet Gazetesi Bilim ve Teknoloji Eki</i> , 2012

SUPPORTED RESEARCH PROJECTS

1	TUBITAK 117Z391 Research Project," Lead-Free New Generation Primer Explosive Design, Synthesis and Characterization" 15 October 2017-present, Investigator
2	TUBITAK 117M165 Research Project, "Flame Aerosol Reactor Design, Control and Simulation for Continuous Production of Nanoparticles" 15 October 2017-, Researcher
3	ATÜ-BAP 2012-01 Research Project, "Electrochemical Investigations of Novel Bimetallic Antitumor Drugs with DNA" July 2013-2016, Investigator
4	ATÜ-BAP 2011-01 Research Project, "Alginate Nanocarrier Systems for Controlled Drug Release, 2011, Researcher
5	TUBITAK, COST 109T548 Research Project," Synthesis electrochemical characterization and antioxidative anticancer effects of new platinum(II) complexes containing oxime derivative ligands", 15/02/2010-15/12/2011, Investigator
6	ATÜ-BAP 2009-03 Research Project, "Synthesis, electrochemical characterization and DNA binding activity of new platinum(II) complexes containing oxime derivative ligands" 1.11.2009-1.11.2011, Investigator
7	ATÜ-BAP 2006-04 Research Project, "Synthesis, electrochemical characterization and antitumor activities new platinum blue complexes containing sulphur donor ligands", 1.7.2006-30.6.2008, Investigator
8	TUBITAK 101T037 Research Project, "Electrochemical behaviours, Electronic absorption spectrum and electronic structure of binuclear rhodium complexes $[Rh_2(B-B)_4L_2](B-B=CH_3CO_2^-, SO_2^{2-}, HPO_2^-)$ ", 01.09.2001-01.03.2003, Researcher
9	TUBITAK 196T039 Research Project," Electrochemical behavior of metal complexes containing sulphur donor ligands", Researcher
10	TUBITAK 196T042 Research Project, "Ligand exchange kinetics of binuclear complexes $(M_2(B-B)_4L_2)^{n-}$ containing metal-metal bonds", 01.09.1996-01.09.1998, Researcher
11	TUBITAK 197T075 Research Project, "Preparation of carbon supported Pt+W and Pt+Mo catalyzers for methanol oxidation reactions, investigation of surface chemistry of Pt+W and Pt+Mo electrodes prepared by using nafion", 01.08.1997-01.08.1999, Researcher .

PATENTS

	Application Number	Application Date	Title
1	PCT- TR2016-050508 (International)	16.12.2016	DNA Targeted Mono and Heterodinuclear Complexes (International)

2	2016/20025 (National)	29.12.2016	Yeşil primer patlayıcı
3	2015/17457 (National)	30.12.2015	DNA hedefli mono ve heterodinükleer kompleksler
4	2016/19894 (National)	28.12.2016	Yeni nesil primer patlayıcı

CONFERENCE PRESENTATIONS (International)

1	Ş.Özalp , A.M.Önal, H.İşçi, "Elektrochemical Behaviour of some d8-complexes with sulphur donor ligands", Cytotoxic, Mutagenic and Carcinogenic Potential of Heavy Metals Related to Human Environment, p: 214-215, NATO, ASI, Przesieka, 15-26 June 1996, POLAND.		
2	Ş. Özalp-Yaman , İ. Erilhan, S. Belgin İşgör, H. İşçi, "Novel Potential Antitumor Active Drug: Platinum Blue Complex Containing Sulphur Donor Ligand", International Symposium on Drug Research and Developments "from chemistry to medicine", Antalya –TURKEY, p: 46, May 17-20, 2007.		
3	P.de Hoog, Ş. Özalp Yaman , P.Gamez, M. Pitié, J. Reedijk, B. Maunier, "Strong increase in both nuclease and cytotoxic activity due to direct linkage of Cu(3-Clip-Phen) and Platinum moiety", J. Biol.Chem.(2007) 12 (suppl 1): S99-S117		
4	C. Çiğdemoğlu, Ş. Özalp Yaman , "A Comparative Study of Nonscience Majors' Motivation to Learn Chemistry, Their Views on chemistry and society", 9th European Conference on Research In Chemical Education (ECRICE), July 06-09, 2008, İstanbul, Turkey.		
5	C. Çiğdemoğlu, Ş. Özalp Yaman , "Preservice chemistry Teachers' Conceptualizations of the Nature of the Science, Sosioscientific Issue; Global Warming", 9th European Conference on Research In Chemical Education (ECRICE), July 06-09, 2008, İstanbul, Turkey.		
6	Ş. Özalp Yaman , "DNA binding and Electrochemical Studies of a Novel Platinum Blue Complex Containing Sulphur Donor Ligands, 8 th International Electrochemistry Meeting, p: 46, October 8-11, 2009, Antalya, TURKEY		
7	Ş.Özalp-Yaman , "Spectroelectrochemistry of nuclease active zinc(II) complexes containing H-pyramol and H-pyrimol", 8 th International Electrochemistry Meeting, p: 177, October 8-11 Antalya/Turkey, 28, 2009.		
8	Ş.Özalp-Yaman , Ercil-Çağıltay N. "Paper-Based versus Computer-Based Testing in Engineering Education", IEEE EDUCON Education Engineering– The Future of Global Learning Engineering Education-online proceeding, May 2010, Madrid		
9	C. Çiğdemoğlu, Ş.Özalp Yaman , H. Ö.Arslan, "Who are the most motivated to learn science" MEUK, International Conference on Engineering Education, 3-6 Nov. 2010, Antalya, P: 203-207.		
10	C. Çiğdemoğlu, Ş.Özalp Yaman , "Science Literacy: As a Failing Aspects of Engineering Students" MEUK, International Conference on Engineering Education, 3-6 Nov. 2010, Antalya, P: 223-227.		
11	C. Çiğdemoğlu, Ş.Özalp Yaman , "Designing Contextual Problems for make it relevant: a study for freshman chemistry course", EBSCO, 195-200 (2012).		
12	B.S. İşgör, Y.G. İşgör, Ş. Özalp Yaman , "The Seleted Kinase and Transferase Inhibition Profiles of Novel Oxime Derivatives of Platinum Complexes", the International Conference on Enzyme Science and technology (ICEST), October 31- November 4, 2011, Kuşadası, Turkey.		
13	D. Altunöz Erdoğan, Ş.Özalp Yaman , B.S. İşgör, " DNA Binding and Electrochemical Studies of Novel Platinum Complexes Containing Oxime Derivatives", 12 th Eurasia Conference on Chemical Sciences, 16-21 April 2012, Corfu, Greece.		
14	B.S. İşgör, Y.G. İşgör, Ş.Özalp Yaman , "The Role of Metal Coordination Complexes on Nuclear and Cytosolic Cellular Defence" 12 th Eurasia Conference on Chemical Sciences, 16-21 April 2012, Corfu, Greece.		

15	Altunoz-Erdogan D., Özalp-Yaman Ş. , "DNA binding and cleavage studies of Pt(II) complexes containing pyrole oxime" International Drug Design Symposium, İstanbul, 21-23 Mart 2013, Poster Presentation.
16	Altunoz-Erdogan D., Özalp-Yaman Ş. , "Synthesis, DNA and BSA Binding, and DNA Cleavage of Novel Platinum Blue Complex: Potential Antitumor Agent" 2nd International BAU Drug Design Symposium, İstanbul, 17-19 Nisan 2014.
17	Balku, S., Buایشa, M. and Özalp-Yaman, S. (2015). "An Optimum Design for Activated Sludge Systems", Athens: ATINER's Conference Paper Series, No: WAT2015-1708.
18	Z. Adiguzel, Ş. Özalp-Yaman , G. Çelik and C.Acilan, "A novel platinum-blue complex exerts its cytotoxic activity via DNA damage and induces apoptosis in breast cancer cells", EACR Sponsored Anticancer Agents Development Congress, İzmir, May 2015, Turkey.
19	Ş. Balku, M. Buایشa, Ş. Özalp Yaman , "Temperature effect on Treatment efficiency of Activated Sludge Systems", International Symposium of Water and Waste water Management, Malatya, 26-28 Ekim 2016, Turkey.
20	Ş. Özalp Yaman , Mohammed Abdusalam, "Design, Synthesis and DNA Binding Ability of Novel Platinum(II) Complexes Containing Bidentate Nitrogen and Sulphur Donor Ligands", 4th International BAU Drug Design Congress, İstanbul, 13-15 October, 2016, Turkey.
21	G. Taşkor, Ş. Özalp-Yaman , E. Özgül Karaaslan , N. Saygılı, "New Pt(II) complexes containing 5-pyrimidinylferrocene: Synthesis, characterization and DNA binding abilities" 5th International BAU Drug Design Congress, İstanbul, 19-21 October, 2017, Turkey. Short talk and poster presentation.
22	R. El-Hag, H. Kayı, Ş. Özalp-Yaman , "DFT calculations on drug design and DNA docking studies of the potential antitumor Platinum(II) drugs", 5th International BAU Drug Design Congress, İstanbul, 19-21 October, 2017, Turkey. Poster Presentation.
23	G. Taşkor, Ş. Özalp-Yaman , E. Özgül Karaaslan , N. Saygılı, "5-pyrimidinylferrocene: Synthesis, characterization, novel platinum(II) complexes and DNA binding studies" 2nd Gazi Pharma Symposium Series, Ankara, 11-13 October, 2017, Turkey. Poster Presentation.
24	V.S.Ünver, Ö. Özkılınç, H. Kayı, Ş.Özalp-Yaman , "Quantum chemical studies on lead-free new generation primary explosive candidates", Computational Sciences Congress, Amasya, 26-28 October, 2018 Turkey. Poster Presentation.
25	R. El-Hag, H.Kayı, Ş. Özalp Yaman , "DFT Calculations on Drug Design and DNA Docking Studies of the Potential Antitumor Platinum and Palladium(II) complexes", 7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, 14 – 17 Mart, 2019 Turkey. Oral Presentation.
26	V. S. Ünver, Ş. Özalp-Yaman , "Spectroscopic Investigations of DNA Binding Abilities of New Palladium(II) Complexes Containing Oxime Ligands" 7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, 14 – 17 Mart, 2019 Turkey. Short Oral Presentation.
27	H. S. El-Beshti, Z. Gerçek, Ş. Özalp-Yaman , "Design, Synthesis and Biological Activity of Novel Antitumor Active Platinum and Copper Based Complexes Containing Quinoxaline Ligands" 7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, 14 – 17 Mart, 2019 Turkey. Poster Presentation.

CONFERENCE PRESENTATIONS (National)

1	Ş. Özalp , A.M.Önal, H.İşçi, "Sülfürden Bağlanan Ligand İçeren Bazı Anorganik Komplekslerin Elektrokimyası", 9. Ulusal Kimya ve Kimya Mühendisliği Sempozyumu Makale Kitabı, 126 (1993).
2	Ş. Özalp , A.M.Önal, H.İşçi, "Dietilditiyokabomat Ligandı İçeren Bazı Anorganik Komplekslerin Elektrokimyası", 11. Ulusal Kimya Sempozyumu, Makale Kitabı, 74 (1997).

3	Ş. Özalp Yaman , A.M.Önal, H.İşçi, "Bazı Binükleer Rodyum Komplekslerinin Elektrokimyası", 12. Ulusal Kimya Sempozyumu, Makale Kitabı, 276 (1998).
4	Ş. Özalp Yaman , A. M. Önal, H. İşçi, "Bazı Binükleer Rodyum ve Platin Komplekslerinin Elektrokimyası", 13. Ulusal Kimya Sempozyumu, Makale Kitabı, 105 (1999).
5	Ş. Özalp-Yaman , N. Çağıltay, "Mühendislik Eğitiminde e-sınav", T.B.D. 21. Ulusal Bilişim Kurultayı, 4-6 Ekim 2004.
6	Ş. Özalp Yaman , C. Taş, N. Ercil-Çağıltay, "Genel kimya derslerinde e-sınav uygulamaları ve öğrenci performansına etkileri", 1. Ulusal Kimya Eğitimi Kongresi, Maçka- İstanbul, sayfa: 120, 20-22 Haziran 2007, Proceedings.
7	N. T. Cassel, Ş. Özalp Yaman , Pirol Oksim İçeren Yeni Platin Komplekslerinin DNA ile etkileşimleri, 5. Ulusal Kimya Öğrenci Kongresi, 17-19 Mayıs, 2014, İstanbul.
8	G. Taşkor, Ş. Özalp-Yaman , N. Saygılı, "Yeni Platin(II) Komplekslerin 5-Pirimidinilferrosen Ligand ile Sentezi, Karakterizasyonu ve DNA'ya bağlanma aktiviteleri", 29. Ulusal Kimya Kongresi, Ankara, 10-14 Eylül 2016.
9	M. Elkhajkhaj, V. S. Ünver, Ş. Özalp Yaman , "Oksim ligandları içeren yeni Paladyum(II) Komplekslerin Elektrokimyasal davranımları ve DNA'ya bağlanma aktiviteleri", 29. Ulusal Kimya Kongresi, Ankara, 10-14 Eylül 2016. Poster.

OTHER INTERNATIONAL SCIENTIFIC MEETINGS & SUMMER SCHOOLS

1	"ESF-COST High Level Research Conference, Conference on Inorganic Chemistry", Athens, 12-17 November, 2006, GREECE.
2	"9 th Eurasia Conference on Chemical Sciences", Antalya, September 9-13, 2006, TURKEY.
3	"Cytotoxic, Mutagenic and Carsinogenic Potential of Heavy Metals Related to Human Environment", NATO, ASI, Przesieka, 15-26 June 1996, POLAND.
4	"Preparations, Properties and Application of Coordination Compounds", Summer School, Ankara-Bratislava-Darmstadt, 6-17 September 1993, TH Darmstadt, GERMANY.

CITATIONS SUMMARY (Ref: Science Citation Index-Exp (SCI - EXP)- 2000 -J)

Number of cited papers:	28
Total number of citations:	260 (WOS)

COURSES TAUGHT

1	Inorganic Chemistry
2	Bioinorganic Chemistry
3	General Chemistry
4	Advanced Inorganic Chemistry
5	Group Theory and Its Applications
6	Spectroscopic Techniques
7	Graduation Project

COMPLETED THESES SUPERVISED

1	Hlyma Ali Ghit Mohamed Altahr, "Spectroelectrochemical investigations of Novel Platinum (II) Complexes Containing Bidentate Nitrogen and Sulphur Donor Ligands" . (Sept 2016- April 2018). (Master)
2	Rehab Hesien, "Synthesis, Characterization, Electronic Structure and DNA Binding Abilities of Platinum(II) complexes containing 2,3-di(2-pyridyl)-quinoxaline ligand", (Sept 2015- January 2018). (Master)
3	Wadad Fadel, "Synthesis, Characterization, Electronic Structure and DNA Binding Abilities of Platinum(II) complexes containing 2,3-di(2-thienyl)-quinoxaline ligand". (Sept 2015- January 2018). (Master)
4	Marai Elkhajhaj, "Synthesis, electrochemistry and spectroscopic behaviour of some palladium (II) complexes containing oxime ligands". (March 2016-January 2018) (Master)
5	Magdi Buaisa, "Simulation and optimization algorithm to determine the design parameters of novel alternating activated sludge systems containing metal nanoparticle(s)", MODES PROGRAM, Co-supervisor (2015-2019). (Ph.D.)
6	Rabia El Hag, "Novel palladium(II) and platinum(II) complexes containing dipyridyl and dithiopyridyl ligands as potential anticancer drugs: Geometry optimization and spectroscopic properties of complexes by using DFT methods", MODES PROGRAM, Co-supervisor (2015-2018) . (Ph.D.)
7	Mohamed Musbah Abdusalam, "Synthesis and DNA Binding Ability of Novel Platinum (II) Complexes Containing Bidentate Nitrogen and Sulphur Donor Ligands". (Sept 2014- January 2017). (Master)
8	Safia Salem, "Synthesis and DNA interaction of the platinum blue complex containing 2-aminothiophenol". (March 2015- January 2017). (Master)
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10	Rema A. Ibrahim, "Synthesis, characterization and binding behaviour of new Pt(II) complexes containing N-(pyridine-2-yl) methylene benzalamine with DNA, HSA and BSA using spectroscopic techniques". (March 2015-June 2017). (Master)
11	Ismail Erilhan, "The complex of 2-aminothiophenol ligand with platinum: A novel platinum blues containing sulfur donor ligand" Co-supervisor (2007). (Master)
12	Aytunç Göy, "Axial ligand kinetics of binuclear platinum complexes containing 2-mercaptopyridinate" Co-supervisor (2007). (Master)

ONGOING THESES SUPERVISED

1	V. Selen Ünver, "Lead-Free New Generation Primer Explosive Design, Synthesis and Characterization", (January 2018-) Supervisor. (Master)
2	Latifa Elhafei, "DNA Binding Ability of New asymmetric [(Amino) (N-(pyridine-2-yl) methylene benzalamine Platinum (II)] Chloride Complex", (March 2015-) Co-supervisor. (Master)
3	Ali Balnaser, "DNA Binding Ability of New Bis-[N-(pyridine-2-yl) methylene benzalamine Platinum (II)] Chloride Complex", (March 2015-) Co-supervisor. (Master)
4	Ahmed al Janabi, Development of platinum containing electro-catalyst supported on hybrid support material for pem fuel cell", MODES PROGRAM, Co-supervisor (2019-). (Ph.D.)
5	Mahmoud Abduesslam, "Theoretical Investigation of Carbonyl Sulfide Capture by Organic Solvents", MODES PROGRAM, Supervisor (October 2018-). (Ph.D.)

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Hager Elbesti, Design, synthesis and biological activity of novel antitumor active platinum and copper based complexes containing quinoxaline ligands, CHEMISTRY PROGRAM, Supervisor (2017-). **(Ph.D.)**