

## Prof. BAHATTİN YALÇIN

### Personal Information

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### Biography

**Prof. Dr. Bahattin YALÇIN**

**Marmara Üniversitesi Kimya Bölümü**

Bahattin YALÇIN, 1967 yılında İstanbul'da doğdu, 1991 yılında *İstanbul Üniversitesi Mühendislik Fakültesi Kimya Bölümünden* mezun oldu.

1991 yılında kısa süre *İlhan-İltaş İlaç Sanayinde* çalıştı. 1991 yılında *Marmara Üniversitesi Kimya Bölümünde* araştırma görevlisi olarak göreve başladı. Yüksek lisans ve doktora derecelerini Marmara Üniversitesi'nden 1995 ve 1999 yıllarında aldı.

2009 yılında *Doğa Bitkileri ve Su Ürünleri Uygulama ve Araştırma Merkezinde*, 2010 yılında da *Çevre Sorunları Uygulama ve Araştırma Merkezinde* Yönetim Kurulu Üyeliği yapmıştır. Marmara Üniversitesi Kimya Bölümünde 2005-2010 yılları arasında Yardımcı Doçent olarak, 2010-2015 yılları arasında Doçent olarak ve 2015 yılından bu yana Profesör olarak görevine devam etmektedir. Anorganik Kimya araştırma alanında SCI, SCI-Expanded dergilerde yayınları bulunmaktadır. Marmara Denizi' nin Değişen Oşinografik Şartlarının İzlenmesi Projesinde Kimya Yöneticisi olarak 2009 yılından itibaren çalışmaktadır.

*Türkiye Kimya Derneği*nde 2010-2012 dönemi Yönetim Kurulu üyeliği, 2012-2014 Dönemi Yönetim Kurulu Başkan Yardımcılığı yapmıştır. 2016 yılından beri Yönetim Kurulu Başkanı görevini sürdürmektedir.

### Education Information

Doctorate, Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey 1995 - 1999

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Analitik Kimya (YI) (Tezli), Turkey 1993 - 1995

Under Graduate, İstanbul Üniversitesi-Cerrahpaşa, Turkey 1986 - 1991

### Dissertations

Post Graduate, Fosforik asid içerisinde bulunan kadmiyumun ditizon kullanılarak ekstraksiyon yolu ile uzaklaştırılması, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 1995

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Marmara University, Faculty Of Arts And Sciences, Chemistry, 2015 - Continues

## Advising Theses

YALÇIN B., Yalçın B., Yeni 7-oksi-3-etil-6-hekzil-4-metilkumarin içeren metal ftalosiyenin komplekslerinin sentezi, karakterizasyonu ve bazı fiziksel özelliklerinin incelenmesi, Post Graduate, M.Özdemir(Student), 2019

YALÇIN B., Soya ununda aflatoksin tayini, metot validasyonu ve ölçüm belirsizliğinin saptanması, Post Graduate, H.Yeliz(Student), 2012

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **1,2,3-Triazole incorporated coumarin carrying metal-free, Zn(II), Mg(II) phthalocyanines: Synthesis, characterization, theoretical studies, photophysical and photochemical properties**  
Özdemir M., Abliatipova A., Benian S., YALÇIN B., SALAN Ü., Durmuş M., Bulut M.  
Journal of Photochemistry and Photobiology A: Chemistry, vol.403, 2020 (Journal Indexed in SCI Expanded)
- II. **Green Reduction of Graphene Oxide Coated Polyamide Fabric Using Carob Extract**  
Gültekin N., USTA İ., YALÇIN B.  
AATCC JOURNAL OF RESEARCH, vol.7, no.6, pp.33-40, 2020 (Journal Indexed in SCI)
- III. **Synthesis, spectroscopic characterization, crystal structure, density functional theory studies and biological properties of coordination complex Ni(II) 2-fluorobenzoate with 3-hydroxypyridine**  
SERTÇELİK M., ÖZBEK F. E., Taslimi P., Durman M., Ozdemir M., YALÇIN B., NECEFOĞLU H., HÖKELEK T.  
Applied Organometallic Chemistry, vol.34, no.9, 2020 (Journal Indexed in SCI Expanded)
- IV. **Novel zinc compound with thiosemicarbazone of glyoxylic acid: Synthesis, crystal structure, and bioactivity properties**  
Huseynova M., Farzaliyev V., Medjidov A., Aliyeva M., Taslimi P., Sahin O., Yalçın B.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1200, pp.127082, 2020 (Journal Indexed in SCI)
- V. **Design and in silico study of the novel coumarin derivatives against SARS-CoV-2 main enzymes**  
Ozdemir M., Koksoy B., Ceyhan D., SAYIN K., Ercag E., Bulut M., YALÇIN B.  
Journal of Biomolecular Structure and Dynamics, 2020 (Journal Indexed in SCI Expanded)
- VI. **7-Oxy-3,4-cyclohexenecoumarin Carrying Novel Zinc(II) and Indium(III) Acetate Phthalocyanines: Synthesis, Characterization, Photophysical and Photochemical Properties**  
Karapınar B., Özdemir M., SALAN Ü., DURMUŞ M., YALÇIN B., Bulut M.  
ChemistrySelect, vol.4, no.33, pp.9632-9639, 2019 (Journal Indexed in SCI Expanded)
- VII. **Abiotic stress-induced regulation of antioxidant genes in different Arabidopsis ecotypes: microarray data evaluation**  
Filiz E., Özyiğit İ. İ., Saracoglu İ. A., Uras M. E., Şen U., Yalçın B.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, no.1, pp.128-143, 2019 (Journal Indexed in SCI)
- VIII. **Comparative analyses of phytochelatin synthase (PCS) genes in higher plants**  
Filiz E., Saraçoğlu İ. A., Özyiğit İ. İ., Yalçın B.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, no.1, pp.178-194, 2019 (Journal Indexed in SCI)
- IX. **Cu(II) complex with thiosemicarbazone of glyoxylic acid as an anion ligand in a polymeric structure**  
Huseynova M. T., Aliyeva M. N., Medjidov A. A., Şahin O., Yalçın B.

JOURNAL OF MOLECULAR STRUCTURE, vol.1176, pp.895-900, 2019 (Journal Indexed in SCI)

- X. **COMPARATIVE ANALYSIS OF MATURE AND PREPROTEIN FORM OF THIONINS IN SOME PLANT SPECIES; BIOINFORMATICS APPROACHES**  
ÖZYİĞİT İ. İ. , Filiz E., Saracoglu I. A. , YALÇIN B.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.5, pp.4256-4266, 2019 (Journal Indexed in SCI)
- XI. **Synthesis and characterization of novel 7-oxy-3-ethyl-6-hexyl-4-methylcoumarin substituted metallo phthalocyanines and investigation of their photophysical and photochemical properties**  
Özdemir M., Karapınar B., Yalçın B., Salan Ü., Durmuş M., Bulut M.  
Dalton Transactions, vol.48, no.34, pp.13046-13056, 2019 (Journal Indexed in SCI Expanded)
- XII. **Synthesis, characterization, crystal structure, electrochemical studies and biological evaluation of metal complexes with thiosemicarbazone of glyoxylic acid**  
Huseynova M., Taslimi P., Medjidov A., Farzaliyev V., Aliyeva M., Gondolova G., Şahin O., Yalçın B., Sujayev A., Orman E. B. , et al.  
POLYHEDRON, vol.155, pp.25-33, 2018 (Journal Indexed in SCI)
- XIII. **Synthesis, crystal structure and biological evaluation of spectroscopic characterization of Ni(II) and Co(II) complexes with N-salicyloil-N-maleoil-hydrazine as anticholinergic and antidiabetic agents**  
Gondolova G., Taslimi P., Medjidov A., Farzaliyev V., Sujayev A., Huseynova M. T. , Şahin O., Yalçın B., Turkan F., Gulçin İ.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.9, 2018 (Journal Indexed in SCI)
- XIV. **Investigation of Heavy Metal Level and Mineral Nutrient Status in Widely Used Medicinal Plants' Leaves in Turkey: Insights into Health Implications**  
Özyiğit İ. İ. , Yalçın B., Turan S., Saracoglu I. A. , Karadeniz S., Yalcin I. E. , Demir G.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.182, pp.387-406, 2018 (Journal Indexed in SCI)
- XV. **Nutrient dynamics and eutrophication in the Sea of Marmara: Data from recent oceanographic research**  
Yalçın B., Artuz M. L. , Pavlidou A., Çubuk S., Dassenakis M.  
SCIENCE OF THE TOTAL ENVIRONMENT, vol.601, pp.405-424, 2017 (Journal Indexed in SCI)
- XVI. **Synthesis, Spectral Characterization and Antimicrobial Activity of Some Transition Metal Complexes of 1,3-Bis(1H-benzimidazol-2-yl)-2-oxapropane**  
Tavman A., Cinarli A., Gurbuz D., Tan A. S. B. , Oksuzomer M. A. F. , Tuysuz M., Gurkaynak M. A. , YALÇIN B.  
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.61, no.12, pp.1377-1387, 2014 (Journal Indexed in SCI)
- XVII. **Synthesis in water-free DMF, characterization, electrical, and gas sensing properties of bis[2-(2-aminoethylamino)ethanol]copper(II) dibromide**  
Tascioglu S., Yalçın B., Dumludağ F., Kaki E.  
CHEMICAL PAPERS, vol.67, pp.613-623, 2013 (Journal Indexed in SCI)
- XVIII. **Trace metal levels in edible wild fungi**  
Severoglu Z., Sumer S., Yalcin B., Leblebici Z., Aksoy A.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.10, no.2, pp.295-304, 2013 (Journal Indexed in SCI)
- XIX. **Redox reactions between metal nitrates and polyols with the formation of nanopowders**  
Mekhdiev I. G. , Medzhidov A. A. , Ibaev Z. D. , Fatullaeva P. A. , Yalcin B.  
Russian Journal of Inorganic Chemistry, vol.58, no.8, pp.915-918, 2013 (Journal Indexed in SCI Expanded)
- XX. **Heterovalent trinuclear Co(III)-Co(II)-Co(III) complexes with N-(2-carboxyethyl)salicylaldimines**  
Garaeva S. R. , Medzhidov A. A. , Beukgunger O., Aydin A., Yalcin B., Abbasov M. G.  
Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, vol.38, no.2, pp.140-144, 2012 (Journal Indexed in SCI Expanded)
- XXI. **Synthesis and characterization of Cu(II) complexes of pyrazine-2,3-dicarboxylicacid**  
Tascioglu S., Aydin A., YALÇIN B., Kaki E., ANDAÇ Ö., BÜYÜKGÜNGÖR O., KOŞAR B.  
POLYHEDRON, vol.30, no.13, pp.2171-2180, 2011 (Journal Indexed in SCI)
- XXII. **Composition, properties, and application of products formed in oxidation of polyethylene by nitric acid**

- Garaeva S. R. , Aydin A. A. , Aydin A., YALÇIN B., Fatullaeva P. A. , Medzhidov A. A.  
 RUSSIAN JOURNAL OF APPLIED CHEMISTRY, vol.83, no.1, pp.97-101, 2010 (Journal Indexed in SCI)
- XXIII. **Borohydride reduction of azomethine bonds in beta-alanine Schiff base complexes**  
 YALÇIN B., Medjidov A. A. , Nasrullayeva T. M. , Tascioglu S., Aydin A.  
 INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL &  
 ANALYTICAL CHEMISTRY, vol.47, no.5, pp.699-704, 2008 (Journal Indexed in SCI)
- XXIV. **Influence of the nature of the metal ion on the rate of reduction of coordinated azomethine group**  
 Medzhidov A. A. , Mamedova S. G. , Aydin A., Yalcin B., Tascioglu S., Kaki E. H.  
 Russian Journal of General Chemistry, vol.77, no.10, pp.1761-1765, 2007 (Journal Indexed in SCI Expanded)
- XXV. **Cu(II) and Pd(II) complexes of N-(2-hydroxybenzyl)aminopyridines**  
 Yalcin B., Fatullayeva P. A. , Bueyuekguengoer O., Kosar B., Tascioglu S., Israfilov A. I. , Ibayev Z. D. , Medjidov A. A. ,  
 Aydin A.  
 POLYHEDRON, vol.26, no.13, pp.3301-3309, 2007 (Journal Indexed in SCI)
- XXVI. **The syntheses, structure and properties of cobalt complexes with beta-alanine derivatives**  
 Tascioglu S., Yalcin B., Nasrullayeva T., Andac O., Buyukgungor O., Aydin A., Medjidov A.  
 POLYHEDRON, vol.25, no.6, pp.1279-1286, 2006 (Journal Indexed in SCI)
- XXVII. **Oxidative dehydrogenation of Cu(II) complexes with N-Aryl-N-2- hydroxybenzyl- and N-Aryl-N-2-  
 hydroxynaphthylmethyleneamine derivatives**  
 Usatyuk V., Medzhidov A., Aydin A., Yalchin B., Manafova R.  
 Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, vol.30, no.9, pp.648-654, 2004 (Journal  
 Indexed in SCI Expanded)
- XXVIII. **Oxidative dehydrogenation in complexes of transition metals (Cu(II), Co(II), Ni(II)) with N,N'-di(2-  
 hydroxybenzyl)diamines**  
 Aidyn A., Medzhidov A., Fatullaeva P., Tashchioglu S., Yalchin B., Saiyn S.  
 Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, vol.27, no.7, pp.486-492, 2001 (Journal  
 Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Analysis of Trace Elements, Cholinesterase Inhibitory Activity, and ADME/Tox Profiling of some Achillea Species**  
 TAŞKIN D., Şahin T., Özdemir M., YALÇIN B.  
 Journal of the Turkish Chemical Society Section A: Chemistry, vol.8, no.1, pp.331-344, 2021 (Other Refereed National Journals)
- II. **Determination of Carbohydrate Amounts of Various Cheese Types Presented to Sale in the Market**  
 CEBECİ A., YAMAN M., YALÇIN B., GÜNEŞ F. E.  
 International Journal of Food Science and Nutrition, vol.5, no.6, pp.30-35, 2020 (Refereed Journals of Other Institutions)
- III. **In silico, 6lu7 protein inhibition using dihydroxy-3-phenyl coumarin derivatives for SARS-CoV-2**  
 Özdemir M., KÖKSOY B., CEYHAN D., Bulut M., YALÇIN B.  
 Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.3, pp.691-712, 2020 (Refereed Journals of Other Institutions)
- IV. **Fewer Species but More Existing Individuals: Testing the Hypothesis ‘Pessimism Conditions Rule’ Based on Long-Term Data of Species Composition of Benthic Fauna and Environmental Variables in the Sea of Marmara, Turkey**  
 Artüz L., Artüz B., Sakınç M., Eygi Erdoğan B., Yalçın B.  
 Journal of Environmental and Toxicological Studies, vol.2, pp.1-18, 2018 (Refereed Journals of Other Institutions)
- V. **OBTAINING OF NANODIMENSIONAL POWDERS BY METHOD OF HYDROTHERMAL DECOMPOSITION OF Cu, Co, AND Al NITRATES IN POLYOLIC ENVIRONMENT**  
 Jafarova S., Medjidov A., Ahmadov M., YALÇIN B., Fatullayeva P., Agayeva S., Abbasov M.

- Azerbaijan Chemical Journal, pp.20-26, 2018 (Refereed Journals of Other Institutions)
- VI. **PREPARATION OF THE HIGHLY DISPERSED Pt/ZEOLITE CATALYSTS IN METHANOL-WATER MIXTURE AND EVALUATION OF THEIR CATALYTIC ACTIVITY**  
Akhmedov V., Majidov A. A., Karayev R., YALÇIN B.  
Catalysis in Industry, vol.17, pp.309-314, 2017 (Journal Indexed in ESCI)
- VII. **CRİSTALLİK AND MOLEKÜLYAR STRUKTURE OF 2,2,6,6-TETRAMETİL-4-HİDROKSİ PİPERİDİN HİDROKLORİDE**  
Medjidov A. A., Fatullayeva P., ŞAHİN O., YALÇIN B.  
Azerbaijan Chemical Journal, vol.2, pp.16-19, 2017 (Refereed Journals of Other Institutions)
- VIII. **Nutrition Profile of the Sea of Marmara Between Years 2010 and 2013**  
YALÇIN B., Artüz L., Yılmaz U.  
Journal of the Turkish Chemical Society, vol.4, pp.197-226, 2017 (Refereed Journals of Other Institutions)
- IX. **Reduction of metal nitrates by formaldehyde ethyleneglycole and glycerol under hydrothermal conditions**  
Medjidov A., Fatullayeva P., Agayeva S., YALÇIN B., Jafarova S., Ahmedov v., Abbasov M.  
Azerbaijan Chemical Journal, pp.75-81, 2016 (Refereed Journals of Other Institutions)

## Books & Book Chapters

- I. **Besleyici Tuzlar ve Kimyasal Veriler**  
Gülen D., Sakınç M., YALÇIN B.  
in: MAREM PROJESİ Marmara Denizi 2015 Senesi Çalışma Verileri, M.Levent Artüz, Editor, Türkiye Barolar Birliği, Ankara, pp.343-404, 2016
- II. **Besleyici Tuzlar ve Kimyasal Veriler**  
YALÇIN B.  
in: Marem projesi Marmara Denizi 2014 Çalışma Verileri, M.Levent Artüz, Editor, Türkiye Barolar Birliği, Ankara, pp.161-190, 2015

## Refereed Congress / Symposium Publications in Proceedings

- I. **Grafen Oksit Kaplanmış Poliamid Kumaşın Karanfil Ekstraktı ile Çevre Dostu İndirgenmesi**  
Demirel Gültekin N., Usta İ., Yalçın B., Gültekin B. C.  
32. Uluslararası katılımlı Ulusal kimya Kongresi (Online), İstanbul, Turkey, 17 - 19 September 2020, pp.55
- II. **Timokinon-oksim'in Melanoma Üzerindeki in vitro Etkisinin Araştırılması**  
GÜLER E. M., Özdemir M., YALÇIN B.  
32. Ulusal Kimya Kongresi'ni (Kimya 2020), İstanbul, Turkey, 17 - 19 September 2020, pp.133
- III. **SARS-CoV-2 Enzimlerine Karşı Yeni Kumarin-Amin Türevlerinin Tasarımı ve in siliko Çalışması**  
Özdemir M., Köksoy B., Ceyhan D., Yalçın B.  
32. Ulusal Kimya Kongresi, İstanbul, Turkey, 17 - 19 September 2020, pp.151
- IV. **Green Reduction of Graphene Oxide Coated Polyamide Fabric Using Rosehip Extract**  
DEMİREL GÜLTEKİN N., USTA İ., YALÇIN B.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020
- V. **ÇAY ENDÜSTRİSİNDE FABRİKA ÇALIŞANLARININ İŞGÜVENLİĞİ KÜLTÜRÜ ALGISI**  
DURMUŞ H., YURTSEVER Ö., YALÇIN B.  
5. ULUSLARARASI İŞ GÜVENLİĞİ VE ÇALIŞAN SAĞLIĞI KONGRESİ, 12 - 13 December 2019
- VI. **Marmara Denizi Kimyası**  
YALÇIN B.  
II. International Turkish World Engineering and Science Congress, 7 - 10 November 2019

- VII. **Synthesis, Characterization and Photophysiological Properties of Secondary Amine Substituted Metal Phthalocyanines**  
YALÇIN B., Özdemir M., GÜLER E. M. , Bulut M.  
INTERNATIONAL CHEMISTRY BIOLOGY CONFERENCE'19, Sharm El Sheikh, Egypt, 1 - 05 August 2019
- VIII. **Zinc, Copper and cobalt Phthalocyanines bearing 7-oxy-4,8-dimethyl-3-pentylcoumarin groups: synthesis and characterization**  
Topkan F., Özdemir M., YALÇIN B., Bulut M., DUMLUDAĞ F.  
31. Ulusal Kimya Kongresi, Turkey, 10 - 13 September 2019
- IX. **Ficus Carica Ekstraktının Antioksidan Profili ve Mide Kanseri Üzerine Sitotoksik, Genotoksik ve Apoptotik Etkisinin Araştırılması**  
GÜLER E. M. , Sezer T., Dündar T., Kaymakçı M. A. , Özdemir M., Batçık Z., Kocyigit A., GÜNEŞ F. E. , YALÇIN B.  
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019
- X. **Kolon Kanseri Üzerine Mantarın Sitotoksik, Genotoksik ve Apoptotik Etkilerinin Araştırılması**  
Yalçın B., Taşkın T., Güler E. M. , Sezer T., Batçık Z.  
2nd International Hippocrates Congress on Medical and Health Sciences, İstanbul, Turkey, 28 - 30 June 2019, pp.46
- XI. **Yapay Ortamlarda Ağır Metal (Cd, Ni, Pb, Zn) Kirliliğine Maruz Bırakılan Anubias barteri var. barteri Schott Bitkilerinde Besin Elementleri ve Ağır Metal Seviyelerinin Araştırılması, Investigation of Mineral Nutrient and Heavy Metal Levels of Anubias barteri var. barteri Schott Exposed to Heavy Metal (Cd, Ni, Pb, Zn) Pollution in Artificial Environments**  
Karahan N. K. , ÖZYİĞİT İ. İ. , SEVEROĞLU Z., Lokumcu G., Tetik C., YALÇIN B.  
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, Kocaeli, Turkey, 26 - 28 April 2019
- XII. **Investigation of Mineral Nutrient and Heavy Metal Accumulation Status of Coltsfoot (Tussilago farfara L.) Populations Collected From Different Habitats of İstanbul, İstanbul'un Farklı Habitatlarından Toplanan Öksürük Otu (Tussilago farfara L.) Bitkilerine Ait Populasyonların Mineral Element ve Ağır Metal Birikiminin Araştırılması**  
Tetik C., ÖZYİĞİT İ. İ. , SEVEROĞLU Z., Lokumcu G., Karahan N. K. , Uçar B., YALÇIN B.  
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, Kocaeli, Turkey, 26 - 28 April 2019
- XIII. **Investigation of Mineral Nutrient and Heavy Metal Levels of Borago officinalis L. Populations Collected from Different Habitats of İstanbul, İstanbul'un Farklı Habitatlarından Toplanan Borago officinalis L. Bitkilerine Ait Populasyonların Besin Elementleri ve Ağır Metal Seviyelerinin Araştırılması**  
Lokumcu G., ÖZYİĞİT İ. İ. , SEVEROĞLU Z., Tetik C., Karahan N. K. , Uçar B., YALÇIN B.  
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, Kocaeli, Turkey, 26 - 28 April 2019
- XIV. **Tetra-[bis(trimetilsilil)amin] Sübstitüe Metal Ftalosiyaninlerin Sentezi, Karakterizasyonu ve Bazı Fizikokimyasal Ölçümlerinin İncelenmesi**  
Özdemir M., Yalçın B., Salan Ü., Özgül Artuç G., Begümhan K., Bulut M.  
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018
- XV. **Synthesis and Characterization of Novel  $\alpha$ - and  $\beta$ -tetra[2-benzylphenoxy]-Substituted Metallophthalocyanines**  
Özdemir M., Bulut M., Yalçın B., Salan Ü., Özgül Artuç G., Begümhan K.  
4th Organic Chemistry Congress, Antalya, Turkey, 4 - 07 October 2018
- XVI. **6-Hexyl-7-oxy-4-(4-methoxyphenyl)coumarin Substituted Zinc and Indium Phthalocyanines: Synthesis and Characterization**  
Özdemir M., Bulut M., Yalçın B., Salan Ü., Özgül Artuç G., Karapınar B.  
4th Organic Chemistry Congress, Antalya, Turkey, 4 - 07 October 2018
- XVII. **Monitoring Heavy Metal Pollution in Yalova Coast of the Sea of Marmara using Eelgrass Plants**  
ÖZYİĞİT İ. İ. , Hocaoğlu Özyiğit A., YALÇIN B.  
II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, 11 - 15 September 2018
- XVIII. **Heavy Metal and Mineral Nutrient Status of Widely used Medicinal Plants' Seeds Marketed in Turkey Investigating the Health and Safety**  
ÖZYİĞİT İ. İ. , Yıldırım O., Hocaoğlu Özyiğit A., YALÇIN B.

- II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, 11 - 15 September 2018
- XIX. **Zinc(II) And Chloroindium(III) Phthalocyanines Bearing 7-oxy-3-ethyl-4-methyl-6-hexylcoumarin Groups: Synthesis, Characterization and Investigation of Their Photophysicochemical Properties**  
Özdemir M., Bulut M., YALÇIN B.  
International Conference on Porphyrins and Phthalocyanines (ICPP-10), Cedex, France, 1 - 06 July 2018, pp.547
- XX. **Al and Cd Accumulation in Kalanchoe Clones and their Impact on Plant Mineral Nutrition**  
Yazıcıoğlu H., ÖZYİĞİT İ. İ. , YALÇIN B., Hocaoğlu Özyiğit A., Lokumcu G.  
International Symposium Ecology, Kastamonu, Turkey, 19 - 23 June 2018
- XXI. **Evaluation of the Heavy Metal Pollution in Bishkek-Kyrgyzstan Using Mentha longifolia As Biomonitor Organism**  
Abdikaimova T., DOĞAN İ., chekirov k., ÖZYİĞİT İ. İ. , SEVEROĞLU Z., Uçar B., Tabanlı F., Karahan N. K. , YALÇIN B.  
International Ecology 2018 Symposium, 19 - 23 June 2018
- XXII. **PREPARATION OF AMINO MODIFIED RECYCLED POLYETHYLENE TEREPHTHALATE NANOFIBERS AND INVESTIGATION OF USAGE IN WASTEWATER FILTRATION**  
CAN A., KAHRAMAN M. V. , YALÇIN B.  
4th International Conference on New Trends in Chemistry, 11 - 13 May 2018, vol.1, pp.1
- XXIII. **PREPARATION OF AMINO MODIFIED POLYETHYLENETEREPHTHALATE (PET) NANOFIBERS AND INVESTIGATION OF THEIR WASTE WATER FILTRATION PERFORMANCE**  
AYRA Y. C. , KAHRAMAN M. V. , YALÇIN B.  
4th International Conference on New Trends in Chemistry, 11 - 13 May 2018
- XXIV. **СТРУКТУРА И СВОЙСТВА КОМПЛЕКСОВ МАРГАНЦА, ЖЕЛЕЗА, МЕДИ И КОБАЛЬТА С ПРОИЗВОДНЫМИ ДИГИДРАЗИДОВ МАЛОНОВОЙ КИСЛОТЫ**  
Mejidov A., Fatullayev P., YALÇIN B., İSRAFİLOV A., Azizov H., ŞAHİN O.  
27th International Chugaev Conference on Coordination Chemistry, Novgorod, Russia, 2 - 06 October 2017
- XXV. **Assessment of Mineral Nutrient and Heavy Metal Concentrations in *Brissus unicolor* and *Spatangus purpureus* from The Sea of Marmara in 2016 Summer Period**  
ATASOY E. G. , ÖZYİĞİT İ. İ. , YALÇIN B., Hocaoğlu A., Karahan N. K. , Tabanlı F., Tatlıdil A.  
The Eurasian Agriculture and Natural Science Congress, Kyrgyzstan, 20 - 23 September 2017
- XXVI. **Determination of Mineral Nutrient and Heavy Metal Accumulations in *Parapenaeus longirostris* Samples Collected from The Sea of Marmara (Turkey) in 2016 Summer Period**  
Hocaoğlu A., ÖZYİĞİT İ. İ. , YALÇIN B., ATASOY E. G. , Uçar B., Lokumcu G., Durmuş T.  
The Eurasian Agriculture and Natural Science Congress, Kyrgyzstan, 20 - 23 September 2017
- XXVII. **Assesment of Mineral Nutrient and Heavy Metal Concentrations in *Macropipus depurator* Shells and Muscle Tissues Collected from The Sea of Marmara in 2016 Summer Season**  
Hocaoğlu A., ÖZYİĞİT İ. İ. , YALÇIN B., ATASOY E. G. , Karahan N. K. , Tetik C., Tatlıdil A.  
The Eurasian Agriculture and Natural Science Congress, 20 - 23 September 2017
- XXVIII. **Heavy Metal and Mineral Nutrient Status of Some *Serranus hepatus* Tissues (Muscle, Gill and Liver) from The Sea of Marmara in 2016 Summer Period**  
ATASOY E. G. , ÖZYİĞİT İ. İ. , YALÇIN B., Hocaoğlu A., Uçar B., Balcı E., Durmuş T.  
The Eurasian Agriculture and Natural Science Congress, Kyrgyzstan, 20 - 23 September 2017
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Culha M., Uçankus G., Sarıcam M., YALÇIN B.  
IUPAC 2017, 14 August 2017
- XXX. **Investigation of Mineral Element and Heavy Metal Concentrations in Jellyfish (*Aurelia aurita* L.) Samples from Marmara Sea: Monitoring Sea Pollution Levels Using a Widely Distributed Organism in 2016 Summer Period**  
ATASOY E. G. , ÖZYİĞİT İ. İ. , YALÇIN B., Hocaoğlu A., Durmuş T.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017
- XXXI. ***Zostera marina* Problem in the Northern Coasts of the Sea of Marmara: An Alternative Way for Solution**  
ÖZYİĞİT İ. İ. , YALÇIN B., Hocaoğlu A., Yılmaz U. E. , Tatlıdil A.

Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017

- XXXII. **UV VIS INVESTIGATION OF METHANOL SOLVATION BEHAVIOR OF SOME PYRIMIDINES CONTAINING KETO AND THIOKETO GROUPS**  
Tekin M., KILIÇ H., Yalçın B.  
28th National Chemistry Congress, Mersin, Turkey, 15 - 21 August 2016, vol.43, pp.361
- XXXIII. **Redoks metoduyla nano boyuttaki tozların hidrotermal sentezi**  
Medjidov A., Cafarova S., Fatullayeva P., YALÇIN B., Ageyava S., Abbasov M., Sultanov Ç.  
I.Rusya Genç Okullar Konferansı, Moskva, Russia, 25 - 28 April 2016, pp.248
- XXXIV. **Hydrothermal Synthesis nanooxide systems in formaldehyde environment**  
Caferov S., Medzhidov A., Fatullayeva P., Agayev S., YALÇIN B., Akhmedov M.  
XXVII Russian Youth Scientific Conference, Ural, Russia, 27 - 29 April 2016, pp.361-362
- XXXV. **Ülkemizde Yaygın olarak kullanılan bazı tıbbi bitkilerin ağır metal ve mineral besin elementi profilleri**  
ÖZYİĞİT İ. İ. , Karadeniz S., YALÇIN B.  
Doğal 2016 Uluslararası katılımlı Türkiye Doğal Beslenme ve Sağlıklı Yaşam Günleri 2016, Antalya, Turkey, 14 - 17 April 2016
- XXXVI. **Determination off Heavy Metals and Mineral Nutrients in Leaves of Some Widely Used Medicinal Plants In Turkey**  
ÖZYİĞİT İ. İ. , YALÇIN B., Turan S., Karadeniz S., DEMİR G., Yalçın İ. E.  
International Congress on Chemical, Biological and Environmental Sciences (ICCBES), 7 - 09 May 2015
- XXXVII. **The Reduction of the Metal Nitrates by Ethyleneglycole and Glycerine in Hydrothermal Conditions**  
YALÇIN B., Fatullayeva P., Ageyava S., Abbasov M., Jafarova S., Medjidov A.  
ICCBES International Congress on Chemical, Biological and Environmental Sciences, Kyoto, Japan, 7 - 09 May 2015
- XXXVIII. **Determination of Heavy Metals and Mineral Nutrients in Leaves of Some Widely Used Medicinal Plants in Turkey**  
ÖZYİĞİT İ. İ. , YALÇIN B., Turan Ş., Karadeniz S., DEMİR G., Yalçın İ. E.  
ICCBES International Congress on Chemical, Biological and Environmental Sciences, Kyoto, Japan, 7 - 09 May 2015
- XXXIX. **Bis 2 2 Aminoetilaminoatanol Bakır II Bromür ün Sentezi ve Elektriksel Özelliklerinin İncelenmesi**  
TAŞCIOĞLU S., KAKI E. H. , DUMLUDAĞ F., YALÇIN B.  
XX.Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
- XL. **Pirazin 2 3 Dikarboksilli Asid ile CuBr<sub>2</sub> Kompleksinin Oluşumu ve NH<sub>3</sub> ile Reaksiyonunun İncelenmesi**  
TAŞCIOĞLU S., KAKI E. H. , YALÇIN B., BÜYÜKGÜNGÖR O., KOŞAR B., AYDIN A.  
XX.Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006

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