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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 2006 - 2010

Yüksek Lisans, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Türkiye 2004 - 2005

Lisans, Akdeniz Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1999 - 2003

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Triazin grubu pestisitlerin elektrokimyasal davranışlarının incelenmesi ve tayinleri, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2010

Yüksek Lisans, Moksifloksasinin polarografik tayini ve moksifloksasin kullanılarak Co(II) tayini, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), 2005

Akademik İdari Deneyim

Bilecik Şeyh Edebali Üniversitesi, 2015 - Devam Ediyor

Bilecik Şeyh Edebali Üniversitesi, 2012 - 2015

Bilecik Şeyh Edebali Üniversitesi, 2010 - 2012

Verdiği Dersler

Genel Kimya, Lisans, 2013 - 2014

Bitirme Ödevi, Lisans, 2013 - 2014

Analitik Kimya, Lisans, 2013 - 2014

Biyokimya Laboratuarı, Lisans, 2013 - 2014

Analitik Kimya I, Lisans, 2013 - 2014

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Yönetilen Tezler

- SİLAH H., Yarış atlarının kan örneklerinde bazı anabolik steroid (testosteron) esterlerinin LC-MS/MS ile tespiti, Yüksek Lisans, L.YATANASLAN(Öğrenci), 2023
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- SİLAH H., Rhizopus arrhizus, aktif karbon ve amberlyst kullanılarak eriochrome black t'nin sulu çözeltiden gideriminin incelenmesi, Yüksek Lisans, K.ÇETİNBAŞ(Öğrenci), 2014

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **PESTICIDE REMOVAL BY FILAMENTOUS FUNGI USING ELECTROCHEMICAL TECHNIQUES** of 16
PESTICIDE REMOVAL BY FILAMENTOUS FUNGI USING ELECTROCHEMICAL TECHNIQUES
Gül Ü. D., Silah H.
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- II. **Electrochemical Sensor Design Based on Silver Nanoparticles Modified Multiwalled Carbon Nanotubes Paste Electrode for the Sensitive Determination of Mepivacaine**
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- III. **Phthalocyanine Modified Electrodes in Electrochemical Analysis**
Demir E., Silah H., Uslu B.
Critical Reviews in Analytical Chemistry, cilt.52, sa.2, ss.425-461, 2022 (SCI-Expanded)
- IV. **Decolorization property of living Lichen Evernia prunastri on textile Acid Red P-2BX dye**
Ünal D., Gül Ü. D., Silah H.
International Journal of Environmental Science and Technology, cilt.18, sa.11, ss.3469-3478, 2021 (SCI-Expanded)
- V. **Modified indium tin oxide electrodes: Electrochemical applications in pharmaceutical, biological, environmental and food analysis**
Silah H., Erkmen C., Demir E., Uslu B.
TrAC - Trends in Analytical Chemistry, cilt.141, 2021 (SCI-Expanded)
- VI. **Studies of mechanism, kinetic model and determination of bupivacaine and its application pharmaceutical forms**
Demir E., İnam O., Silah H., Karimi-Maleh H.
Microchemical Journal, cilt.159, 2020 (SCI-Expanded)
- VII. **Development of a new analytical method for determination of veterinary drug oxyclozanide by electrochemical sensor and its application to pharmaceutical formulation**
Demir E., Silah H.
Chemosensors, cilt.8, sa.2, 2020 (SCI-Expanded)
- VIII. **Reinvestigations of the reactions of hexachlorocyclotriphosphazene with difunctional primary amines leading to novel dangler, ansa and bridged derivatives. Spectroscopic studies of the derived products**
Türe S., Silah H., Tuna M.
Journal of Molecular Structure, cilt.1202, 2020 (SCI-Expanded)

- IX. Apical extrusion of sodium hypochlorite activated with two laser systems and ultrasonics: A spectrophotometric analysis**
 Helvacıoğlu Klvanç B., Deniz Arısu H., Yanar N. Ö., Silah H., İnam R., Görgül G.
BMC Oral Health, cilt.15, sa.1, 2015 (SCI-Expanded)
- X. Comparison of color removal from reactive dye contaminated water by systems containing fungal biosorbent, active carbon and their mixture**
 Gül Ü. D., Silah H.
Water Science and Technology, cilt.70, sa.7, ss.1168-1174, 2014 (SCI-Expanded)
- XI. Synthesis and structural characterization of singly, doubly, and triply bridged derivatives of hexachlorocyclotriphosphazene with bis(2-hydroxyethyl) ether and 2,2-dimethylpropane-1,3-diol**
 Silah H., Türe S.
Phosphorus, Sulfur and Silicon and the Related Elements, cilt.189, sa.2, ss.198-214, 2014 (SCI-Expanded)
- XII. Genotoxicity effects of Flusilazole on the somatic cells of Allium cepa**
 Ozakça D. U., Silah H.
Pesticide Biochemistry and Physiology, cilt.107, sa.1, ss.38-43, 2013 (SCI-Expanded)
- XIII. Square wave adsorptive stripping voltammetric determination of cyromazine insecticide with multi-walled carbon nanotube paste electrode**
 Mercan H., İnam R., Aboul-Enein H. Y.
Analytical Letters, cilt.44, sa.8, ss.1392-1404, 2011 (SCI-Expanded)
- XIV. Determination of cymoxanil fungicide in commercial formulation and natural water by square-wave stripping voltammetry**
 Mercan H., İnam R.
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- XV. Determination of the fungicide anilazine in soil and river water by differential pulse polarography**
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- XVI. Differential pulse polarographic behaviour of thiazopyr herbicide and application to its determination in fruit juice and soil samples**
 Mercan H., İnam R.
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- XVII. Determination of insecticide pymetrozine by differential pulse polarography/application to lake water and orange juice**
 Mercan H., Yılmaz E., İnam R.
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- XVIII. Differential pulse polarographic determination of moxifloxacin hydrochloride in pharmaceuticals and biological fluids**
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- XIX. Differential pulse polarographic determination of Co(II) using moxifloxacin**
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Journal of Analytical Chemistry, cilt.62, sa.6, ss.592-598, 2007 (SCI-Expanded)

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- I. **Adsorption of reactive Orange 16 by Amberlyst A21: Isotherm and kinetic investigations**
 Basar M., Silah H.
Turkish Journal of Analytical Chemistry (Online), cilt.2, sa.1, ss.22-28, 2020 (Hakemli Dergi)
- II. **Adsorptive Removal of Remazol Brilliant Blue R from Water by Using a Macroporous Polystyrene Resin: Isotherm and Kinetic Studies**
 Ozturk G., Silah H.

- Environmental Processes, cilt.7, sa.2, ss.479-492, 2020 (ESCI)
- III. **USAGE OF WASTE ACTIVE SLUDGE OBTAINED FROM A MEMBRANE BIOREACTOR SYSTEM AS A LOWCOST BIOSORBENT FOR REMOVAL OF CU (II) IONS**
Gül Ü. D., Açıkgöz Ç., Silah H.
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- IV. **Amberlyst A21 ile Everzol Black Boyasının Adsorpsiyonu: İzoterm ve Kinetik Çalışmalar**
Silah H., Gül Ü. D.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, cilt.22, sa.3, ss.1063-1070, 2018 (Hakemli Dergi)
- V. **TARIMDA KULLANILAN ATRAZİNİN GİDERİMİNDE RHIZOPUS**
Gül Ü. D., Silah H.
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Kitap & Kitap Bölümleri

- I. **Principle of enzyme-linked electrochemical sensors**
Kurbanoğlu S., Silah H., Erkmen C., Ünal D. N., Uslu B.
Encyclopedia of Solid-Liquid Interfaces, Klaus Wandelt and Gianlorenzo Bussetti, Editör, Elsevier Science, Oxford/Amsterdam , Amsterdam, ss.589-601, 2024
- II. **İlaç Analizlerinde Aptansensör Tasarımları**
Sadak S., Küçük İ., Silah H., Uslu B.
CUMHURİYETİN 100. YILINDA ECZACILIKTA YENİLİKLER 4 , Prof. Dr. Asuman BOZKIR, Prof. Dr. İlkay YILDIZ, Editör, Ankara Üniversitesi Yayımları, Ankara, ss.39-52, 2023
- III. **Electrochemical biosensing for determination of toxic dyes**
Erkmen C., Silah H., Uslu B.
Novel Nanostructured Materials for Electrochemical Bio-sensing Applications, Jamballi G. Manjunatha, Editör, Elsevier Science, Oxford/Amsterdam , Amsterdam, ss.215-243, 2023
- IV. **Electrochemistry of Metal Phosphates and Phosphonates**
Silah H., Erkmen C., Uslu B.
Metal Phosphates and Phosphonates: Fundamental to Advanced Emerging Applications, Ram K. Gupta, Editör, Springer, London/Berlin , Basel, ss.61-77, 2023
- V. **Sensing of phenol and chlorophenols using carbon nanotubes modified glassy carbon electrode**
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Sensing of Deadly Toxic Chemical Warfare Agents, Nerve Agent Simulants, and their Toxicological Aspects, Sangita Das, Sabu Thomas, Partha Pratim Das, Editör, Elsevier Science, Oxford/Amsterdam , Amsterdam, ss.297-329, 2023
- VI. **Carbon nanomaterial-based sensors for the development of sensitive sensor platform**
Silah H., Demir E., Yıldırım S., Uslu B.
Carbon Nanomaterials-Based Sensors, Jamballi G. Manjunatha, Chaudhery Mustansar Hussain, Editör, Elsevier Science, Oxford/Amsterdam , Amsterdam, ss.191-246, 2022
- VII. **The Use of Nanomaterials in Modified Electrodes from Past to Present**
Selçuk Ö., Ünal D. N., Silah H., Uslu B.
Advances in Nanotechnology, Zacharie Bartul, Jerome Trednor, Editör, NOVA Science Publishers Inc. , New York, ss.1-80, 2022
- VIII. **Electrochemical Applications for the Antioxidant Sensing in Food Samples Such as Citrus and Its Derivatives, Soft Drinks, Supplementary Food and Nutrients**
Demir E., Silah H., Aydoğdu N.
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- IX. **Electrochemical Analysis of Pesticide in Food Samples**
Demir E., Silah H., Aydoğdu N.
Medicine & Health 2021, Hüseyin Kafadar, Hakan Kaya, Editör, Efe Akademi Yayımlar, İstanbul, ss.213-234, 2021

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. DETERMINATION OF SOME ANABOLIC STEROID (TESTOSTERONE) ESTERS IN RACE HORSE BLOOD SAMPLES BY LC-MS/MS
YATANASLAN L., SİLAH H.
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- II. 'ERIOCHROME BLACK T BOYASININ GİDERİMİNDE YÜZEY AKTİF MADDELER İLE MODİFYE EDİLMİŞ FİLTRE KAHVE ATIĞININ KULLANILMASI
SİLAH H.
AKDENİZ 9th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Adana, Türkiye, 01 Nisan 2023
- III. Rafoxanide laç Etkn Maddesinin Elektrokimyasal Davranışının Modifiye Elektrotla İncelenmesi
DEMİR E., SİLAH H., AYDOĞDU N., SARIKÜRKÜ C., AÇIKGÜL M. B.
3rd International Conference on Food, Agriculture and Veterinary, İzmir, Türkiye, 19 Haziran 2021
- IV. Adsorption Of Methyl Red By Using A Macroporous Polystyrene Resin: Isotherm And Kinetic Studies
SİLAH H.
5th International Turkic World Conference on Chemical Sciences and Technologies, Sakarya, Türkiye, 25 - 29 Ekim 2019
- V. Oksiklozanidinin voltametrik yöntemlerle elektrokimyasal özelliklerin incelenmesi ve analitik uygulaması
DEMİR E., SİLAH H.
2nd International Eurasian Conference on Biological and Chemical Sciences, Türkiye, 28 - 29 Haziran 2019
- VI. Reinvestigations of the reactions of cyclotriphosphazene with difunctional primary amines leading to novel dangler, ansa and bridged derivatives. Spectroscopic studies of the derived products
TÜRE S., SİLAH H.
Yalova, 4th International Scientific Research Congress (UBAK), 14 - 17 Şubat 2019
- VII. Isotherm and kinetic studies on adsorption of reactive orange 16 using by different adsorbents
SİLAH H., basar m.
6th International Molecular Biology and Biotechnology Congress Molbiotech, 22 - 25 Aralık 2017
- VIII. Treatment of Herbicide Contaminated Water
GÜL Ü. D., SİLAH H.
ANCON 2017, 5 - 07 Ekim 2017
- IX. INVESTIGATION OF REMOVAL OF REACTIVE DYES FROM AQUEOUS SOLUTIONS USING BY DIFFERENT ADSORBENTS
SİLAH H., GÜL Ü. D., ÖZTÜRK G.
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- X. The effect of dodecyltrimethylammoniumbromide on Ni biosorption property of white rod fungi
Gül Ü. D., Silah H.
2nd International Conference on Advances in Natural and Applied Sciences, ICANAS 2017, Antalya, Türkiye, 18 - 21 Nisan 2017, cilt.1833
- XI. Comparison of nickel biosorption properties of living and dead Rhizopus arrhizus biosorbent
Silah H., Gül Ü. D.
2nd International Conference on Advances in Natural and Applied Sciences, ICANAS 2017, Antalya, Türkiye, 18 - 21 Nisan 2017, cilt.1833
- XII. Bioremoval of Atrazine from Aqueous Solutions by Growing Aspergillus versicolor Culture
GÜL Ü. D., SİLAH H.
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- XIII. Investigation of Removal of Bromocresol Purple Using by Commercial and Natural Adsorbents
SİLAH H., GÜL Ü. D., Mergen c.
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- XIV. Optimization of Amylase Production and Purification of the Enzyme from *Rhizopus arrhizus*
KESKİN Ş., GÜL Ü. D., keskin m., SİLAH H.
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- XV. Investigation of effects of surfactants on removal of textile dye using by commercial and natural adsorbents
SİLAH H., GÜL Ü. D., Şahin M. N.
International Conference on Biological Sciences, 21 - 23 Ekim 2016
- XVI. TRIAZİN GRUBU İNSEKTİSLERİN BİYOSORBENTLER KULLANILARAK GİDERİMİNİN İNCELENMESİ
SİLAH H., GÜL Ü. D., ÖZLU E., ÖZAKÇA D.
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- XVII. Investigation of removal of methyl orange from aqueous solutions using by *Rhizopus arrhizus* active carbon and amberlyst
SİLAH H., GÜL Ü. D., dağdelen e.
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- XVIII. Removal of 2,4-Dichlorophenoxyacetic Acid from Agricultural Wastewaters
GÜL Ü. D., SİLAH H., Has M.
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- XIX. Development of a new electrochemical determination method for 2,4-D and fungal biosorption
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- XX. Removal of 2,4-Dichlorophenoxyacetic acid from Agricultural wastewaters by fungi
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- XXI. The effect of surfactant on pollutant biosorption of *Trametes versicolor*
Gül Ü. D., Silah H., Akbaş H., Has M.
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- XXII. Copper adsorption in waste waters by novel adsorbents powdered common blue mussel shell and dried fungus in comparison to activated carbon
ÖZCAN S., GÜL Ü. D., SİLAH H.
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- XXIII. Electrochemical Investigation of Some Triazine Pesticides
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- XXIV. Determination of Cyromazine by Square Wave stripping Voltammetry with Glassy Carbon and Multi Wall Carbon Nanotubes Paste Electrode
SİLAH H., İNAM R.
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- XXV. Determination of Fungicide Cymoxanil by Square wave Adsorptive Stripping Voltammetry/Application to Commercial Formulations and Natural Water
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- XXVI. Study and Determination of the Herbicide Cyclosulfamuron by Square Wave Adsorptive Stripping Voltammetry
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- XXVII. Electrochemical behaviour of the Antibacterial Drug Moxifloxacin and its Differential Polarographic Estimation in Bulk Form and Biological Fluids
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