

Asst. Prof. SULTAN YAĞMUR

Personal Information

Email: syagmur@comu.edu.tr

Web: <https://avesis.comu.edu.tr/syagmur>

International Researcher IDs

ORCID: 0000-0002-2329-2451

Yoksis Researcher ID: 31375

Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2005 - 2010

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2002 - 2005

Undergraduate, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1998 - 2002

Dissertations

Doctorate, Fenazopridin Hidroklorür ve Bazı Schiff Bazlarının Elektrokimyasal Davranışlarının İncelenmesi, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya/Analitik Kimya, 2010

Postgraduate, Famotidin ve Natamisin'in Voltametrik Teknikler ile Elektrokimyasal Davranışlarının İncelenmesi ve İlaçlarda Kantitatif Tayinleri, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya/Analitik Kimya, 2005

Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Pharmaceutical Analysis, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Lapseki Myo, Kimya Ve Kimyasal İşleme Teknolojileri, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Lapseki Myo, Kimya Ve Kimyasal İşleme Teknolojileri, 2017 - 2018

Research Assistant PhD, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2010 - 2017

Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2002 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Study on the Adsorption of Rhodamine B onto Adsorbents Prepared from Low-Carbon Fossils: Kinetic, Isotherm, and Thermodynamic Analyses**
Bazan-Wozniak A., Jędrzejczak A., Wolski R., Kaczmarek S., Nosal-Wiercińska A., Cielecka-Piontek J., Yagmur-Kabas S., Pietrzak R.
Molecules, vol.29, no.6, 2024 (SCI-Expanded)
- II. **Microwave-Assisted Fabrication of Fugus-Based Biocarbons for Malachite Green and NO₂ Removal**

Bazan-Wozniak A., Yagmur-Kabas S., Nosal-Wiercińska A., Pietrzak R.

Materials, vol.16, no.24, 2023 (SCI-Expanded)

- III. **Kinetics and Mechanism of In(III) Ions Electroreduction on Cyclically Renewable Liquid Silver Amalgam Film Electrode: Significance of the Active Complexes of In(III)—Acetazolamide**
Nosal-Wiercińska A., Martyna M., Pawlak A., Bazan-Woźniak A., Pietrzak R., YILMAZ S., Yağmur Kabaş S., Szabelska A.
Molecules, vol.28, no.7, 2023 (SCI-Expanded)
- IV. **Impact of water activity on double layer parameters at the mercury/chlorates(VII) interface in the presence of mixed adsorption layers of 6-mercaptopurine–Triton X-100**
NOSAL-WIERCINSKA A., KALISZCZAK W., DRAPSA A., Wiśniewska M., YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G.
Adsorption, vol.25, no.4, pp.819-824, 2019 (SCI-Expanded)
- V. **The Quantitative Detection of Phenylephrine in Pharmaceutical Preparations and Spiked Human Urine by Voltammetry**
YAĞMUR S., TURE M., SAĞLIKOĞLU G., Sadikoglu M., YILMAZ S.
RUSSIAN JOURNAL OF ELECTROCHEMISTRY, vol.54, no.10, pp.741-746, 2018 (SCI-Expanded)
- VI. **Sensitive Voltammetric Determination of Paracetamol on Poly(4-Aminobenzene Sulfonic Acid) Modified Glassy Carbon Electrode**
YILMAZ S., BAS Z., Sadikoglu M., YAĞMUR S., SAĞLIKOĞLU G.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.11, no.7, pp.6244-6255, 2016 (SCI-Expanded)
- VII. **Adsorption of Selected Amino Acids at the Mercury/Aqueous Solution Interface from the Chlorate (VII) and Its Dependence on the Supporting Electrolyte Concentration**
NOSAL-WIERCINSKA A., GROCHOWSKI M., WISNIEWSKA M., TYSZCZUK-ROTKO K., YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., YANIK S.
ADSORPTION SCIENCE & TECHNOLOGY, vol.33, pp.553-558, 2015 (SCI-Expanded)
- VIII. **Electroanalytical Investigation of Paracetamol on Glassy Carbon Electrode by Voltammetry**
ENGİN C., YILMAZ S., SAĞLIKOĞLU G., YAĞMUR S., Sadikoglu M.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.10, no.2, pp.1916-1926, 2015 (SCI-Expanded)
- IX. **Electroanalytical and HPLC Methods for the Determination of Oxcarbazepine in Spiked Human Urine and Tablet Dosage Form**
NOSAL-WIERCINSKA A., YILMAZ S., BINEL S., YAĞMUR S., SAĞLIKOĞLU G., Sadikoglu M., YILDIZ M.
CROATICA CHEMICA ACTA, vol.87, no.3, pp.213-219, 2014 (SCI-Expanded)
- X. **Sensitive voltammetric determination of famotidine in human urine and tablet dosage forms using an ultra trace graphite electrode**
YAĞMUR S., YILMAZ S., SAĞLIKOĞLU G., Uslu B., Sadikoglu M., Ozkan S. A.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.79, no.1, pp.53-62, 2014 (SCI-Expanded)
- XI. **Electrooxidation of Phenazopyridine Hydrochloride and its Voltammetric and HPLC Determination in Human Urine and Tablet Dosage Form**
YAĞMUR S., YILMAZ S., Sadikoglu M., SAĞLIKOĞLU G., YILDIZ M., YENGİN Ç., KILINÇ M. E.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.8, no.5, pp.6818-6828, 2013 (SCI-Expanded)
- XII. **Synthesis, spectroscopic studies and electrochemical properties of Schiff bases derived from 2-hydroxy aromatic aldehydes and phenazopyridine hydrochloride**
YAĞMUR S., Yilmaz S., SAĞLIKOĞLU G., Sadikoglu M., YILDIZ M., Polat K.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.78, no.6, pp.795-804, 2013 (SCI-Expanded)
- XIII. **Electroanalytical determination of metronidazole in tablet dosage form**
YILMAZ S., BALTAOĞLU E., SAĞLIKOĞLU G., YAĞMUR S., Polat K., Sadikoglu M.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.78, no.2, pp.295-302, 2013 (SCI-Expanded)
- XIV. **Voltammetric Determination of Acyclovir in Human Urine Using Ultra Trace Graphite and Glassy Carbon Electrodes**
Sadikoglu M., SAĞLIKOĞLU G., YAĞMUR S., ORTA E., YILMAZ S.
CURRENT ANALYTICAL CHEMISTRY, vol.7, no.2, pp.130-135, 2011 (SCI-Expanded)
- XV. **Direct Determination of Zn Heavy Metal in Tap Water of Canakkale (TURKEY) by Anodic Stripping**

Voltammetry Technique

YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., Sadikoglu M.

INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.4, no.2, pp.288-294, 2009 (SCI-Expanded)

- XVI. **Direct Quantitative Determination of Total Arsenic in Natural Hotwaters by Anodic Stripping Voltammetry at the Rotating Lateral Gold Electrode**
Yilmaz S., BABA B., BABA A., YAĞMUR S., ÇITAK M.
CURRENT ANALYTICAL CHEMISTRY, vol.5, no.1, pp.29-34, 2009 (SCI-Expanded)
- XVII. **Determination of Ascorbic Acid in Tablet Dosage Forms and Some Fruit Juices by DPV**
YILMAZ S., Sadikoglu M., SAĞLIKOĞLU G., YAĞMUR S., ASKIN G.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.3, no.12, pp.1534-1542, 2008 (SCI-Expanded)
- XVIII. **Osteryoung square wave voltammetric determination of phenazopyridine hydrochloride in human urine and tablet dosage forms based on electrochemical reduction at carbon paste electrode**
ÇITAK M., Yilmaz S., Dilgin Y., Tuerker G., Yagmur S., Erdugan H., ERDUĞAN N.
CURRENT PHARMACEUTICAL ANALYSIS, vol.3, no.2, pp.141-145, 2007 (SCI-Expanded)
- XIX. **Electrochemical oxidation of prednisolone at glassy carbon electrode and its quantitative determination in human serum and tablets by Osteryoung square wave voltammetry**
Yilmaz S., SKRZYPEK S., Dilgin Y., Yagmur S., Coskun M.
CURRENT ANALYTICAL CHEMISTRY, vol.3, no.1, pp.41-46, 2007 (SCI-Expanded)
- XX. **Electrochemical study of natamycin - analytical application to pharmaceutical dosage forms by differential pulse voltammetry**
Aki C., YILMAZ S., DILGIN Y., YAGMUR S., SUREN E.
PHARMAZIE, vol.60, no.10, pp.747-750, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Reduction Behavior of Olanzapine and Its Differential Pulse Voltammetric Determination in Human Urine and Pharmaceuticals**
YAĞMUR KABAŞ S.
Journal of Advanced Research in Natural and Applied Sciences, vol.6, no.2, pp.342-352, 2020 (Peer-Reviewed Journal)
- II. **Reduction Behavior of Moxifloxacin Hydrochloride and Its Analysis in Spiked Human Urine and Dosage Form by Voltammetry**
TEPELİ B., YILMAZ S., YAĞMUR KABAŞ S.
Hittite Journal of Science and Engineering, vol.6, no.2, pp.153-156, 2019 (Peer-Reviewed Journal)
- III. **DETERMINATION OF CLOMIPRAMINE HYDROCHLORIDE FROM ITS COMMERCIAL DRUG FORM BY VOLTAMMETRY**
ugurlu e., YAĞMUR KABAŞ S., YILMAZ S.
JOURNAL OF SCIENTIFIC PERSPECTIVES, vol.2, no.1, pp.1-8, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **MOKSİFLOKSASİN HİDROKLORÜR'ÜN ELEKTROKİMYASAL ÖZELLİKLERİNDEN YARARLANARAK İLAÇ FORMLARINDAKİ VE İNSAN İDRARINA EKLENEN MİKTARININ BELİRLENMESİ**
TEPELİ B., YAĞMUR S., YILMAZ S.
3.Uluslararası İLAÇ VE ECZACILIK KONGRESİ(IVEK 3rd international Convention of pharmaceuticals and pharmacies), istanbul, 26 - 29 April 2017
- II. **Effect of Ethionine Protonation on the Kinetics and the Mechanism of Bi III Ion Electroreduction**
Nosal Wiercinska A., Wisniewska M., Tyszczyk Rotko K., YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., Yanık S.
10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016

- III. **The Effect of Ethionine Protonation on the Kinetics and the Mechanism of Bi III Ion Electroreduction**
YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., YANIK S.
10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016
- IV. **Voltammetric determination of caffeine in beverage samples using Nafion covered lead film electrode**
NOSAL WIERCINSKA A., TYSZCZUK ROTKO K., SADOK I., YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., YANIK S.
XV Ukrainian-Polish Symposium, 12 - 15 September 2016
- V. **Klozapin in elektrokimyasal özelliklerinin incelenmesi ve ilaç formlarından miktarının belirlenmesi**
EKER R., YILMAZ S., SAĞLIKOĞLU G., YAĞMUR S.
27. Ulusal Kimya Kongresi, Çanakkale Onsekiz Mart Üniversitesi, Çanakkale, 23-28 Ağustos 2015, Turkey, 23 - 28 August 2015
- VI. **Klomipramin hidroklorür ün elektrokimyasal özelliklerinin incelenmesi ve ilaç formlarından miktarının belirlenmesi**
UĞURLU E., YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G.
27. Ulusal Kimya Kongresi, Çanakkale Onsekiz Mart Üniversitesi, Çanakkale, 23-28 Ağustos 2015, Turkey, 23 - 28 August 2015
- VII. **Naproxen in ultra eser grafit elektrotta elektrokimyasal özelliklerinin ncelenmesi ve ilaç dozaj formlarından miktarının belirlenmesi**
SUZAN Y., YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G.
27. Ulusal Kimya Kongresi, Çanakkale Onsekiz Mart Üniversitesi, Çanakkale, 23-28 Ağustos 2015, Turkey, 23 - 28 August 2015
- VIII. **The role of active complexes in the multistep process of Bi III ion electroreduction in chlorate VII solution with varied water activity in the presence of methionine**
NOSAL WIERCINSKA A., YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., GROCHOWSKI M., TYSZCZUK ROTKO K.
XIV. Polish Ukrainian Symposium on Theoretical and Experimental Studies of Interfaces Phenomes and their Technological Applications, Zakopane, Poland, September, 9-13, 2014., 9 - 13 September 2014
- IX. **Electroanalytical investigation and voltammetric determination of metronidazole in tablet dosaje form**
YILMAZ S., BALTAOĞLU E., SAĞLIKOĞLU G., YAĞMUR S., POLAT K., SADIKOĞLU M.
International Electrochemistry Meeting, October 8-11, 2009, Side, Antalya, TURKEY, 8 - 11 October 2009
- X. **Synthesis antimicrobial activity and electrochemical behaviour of phenazapyridine hydrochloride and it s some schiff bases in dimetyl sulfoxide by cyclic voltammetry**
YAĞMUR S., YILMAZ S., SAĞLIKOĞLU G., SADIKOĞLU M., YILDIZ M., POLAT K.
IMMPC-ISPC Joint Meeting, September 30-October 2, 2010, Ankara, Turkey, 30 September 2010 - 02 October 2009
- XI. **Electroanalytical investigation and determination of famotidine in human urine and tablet dosage forms on ultra trace graphite and glassy carbon electrodes**
YAĞMUR S., YILMAZ S., SAĞLIKOĞLU G., USLU B., SADIKOĞLU M., ÖZKAN S. A.
IX. International Symposium on Pharmaceutical Sciences, Ankara, 23-26 Haziran 2009, 23 - 26 June 2009
- XII. **Fenazopiridin hidroklorür ün voltametrik teknikler ile ticari tabletlerden ve insan idrarından miktarının analizi**
YAĞMUR S., YILMAZ S., SAĞLIKOĞLU G.
IV. Ulusal Analitik Kimya Kongresi, Fırat Üniversitesi, Elazığ, 25-27 Haziran 2008., Turkey, 25 - 27 June 2008
- XIII. **Penazopridin hidroklorür ün voltametri ve HPLC teknikleri ile tablet dozaj formlarından ve insan idrarından analizi**
YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., YENGİN Ç., KILINÇ M. E.
Kromatografi 2008 Kongresi, 9-11 Haziran 2008, Isparta, Türkiye, Turkey, 9 - 11 June 2008

Supported Projects

YAĞMUR S., Project Supported by Higher Education Institutions, Olanzapin'in Elektrokimyasal İndirgenme Özelliğinden

Yararlanılarak Tablet Dozaj Formundaki ve İnsan İdrarına Eklenen Miktarının Voltametri Tekniği İle Belirlenmesi, 2018 - 2019

YILMAZ S., SAĞLIKOĞLU G., YAĞMUR S., Project Supported by Higher Education Institutions, OKSKARBAZEPİN' İN VOLTAMETRİK TEKNİKLER İLE DOZAJ FORMLARINDAN KANTİTATİF ANALİZİ, 2010 - 2012

YILMAZ S., SAĞLIKOĞLU G., YAĞMUR S., Project Supported by Higher Education Institutions, FENİLEFRİN HİDROKLORÜR'ÜN VOLTAMETRİK TEKNİKLER İLE DOZAJ FORMLARINDAN MİKTARININ BELİRLENMESİ, 2010 - 2012

YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., Project Supported by Higher Education Institutions, Metronidazol'un Dozaj Formlarından Voltametrik Tekniklerle Kantitatif Analizi, 2010 - 2011

YILMAZ S., YAĞMUR S., SAĞLIKOĞLU G., Project Supported by Higher Education Institutions, Fenazopridin Hidroklorür Ün (FAP) Voltametri Ve Yüksek-Performanslı Sıvı Kromatografisi (HPLC) Teknikleri İle Tablet Dozaj Formlarından Analizi, 2009 - 2010

YILMAZ S., ÖZCAN H., BABA A., KOYUNCU S., YAĞMUR S., SÜREN E., Project Supported by Higher Education Institutions, Tuzla-Kestanbol sıcaksu kaynaklarında ICP-AES metodu ile metal analizi, 2003 - 2006

YILMAZ S., SÜREN E., YAĞMUR S., Project Supported by Higher Education Institutions, Çanakkale boğazındaki toksik etki gösteren bazı ağır metallerin elektroanalitik ve ICP-AES Yöntemleriyle kantitatif tayini, 2003 - 2006

Metrics

Publication: 63
Citation (WoS): 230
Citation (Scopus): 318
H-Index (WoS): 10
H-Index (Scopus): 10

Non Academic Experience

Çanakkale Onsekiz Mart Üniversitesi