

Lect. Müge Yayla Çiftçi

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimler Enstitüsü, Kimya Mühendisliği, Turkey 2019 - Continues

Postgraduate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2017 - 2019

Undergraduate, Van Yüzüncü Yil University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2013 - 2017

Dissertations

Postgraduate, Modifiye Edilmiş Yüzey Baskılı Elektrotlar İle Gıda Katkı Maddelerinin Elektrokimyasal Davranışlarının İncelenmesi, Van Yüzüncü Yil University, Fen Bilimler Enstitüsü, Kimya Mühendisliği, 2019

Research Areas

Chemical Engineering and Technology, Biotechnology, Chemical Technologies, Electrochemical Processes, Chemical Reaction Engineering, Catalysis and Catalytic Processes, Nanomaterials, Chemistry, Engineering and Technology

Academic Titles / Tasks

Lecturer, Van Yüzüncü Yil University, Muradiye Meslek Yüksekokulu, Kimya ve Kimyasal İşletme Teknolojileri Bölümü, 2020 - Continues

Academic and Administrative Experience

Assistant Director of Vocational School, Van Yüzüncü Yil University, Muradiye Meslek Yüksekokulu, Kimya Ve Kimyasal İşletme Teknolojileri Bölümü, 2025 - Continues

Courses

Introduction to Philosophy, Associate Degree, 2021 - 2022

Presentation and Presentation Techniques, Associate Degree, 2021 - 2022

Technical Project, Associate Degree, 2021 - 2022

Quality Management Systems, Associate Degree, 2021 - 2022

General Chemistry Laboratory, Associate Degree, 2021 - 2022
Analytical Chemistry Laboratory, Associate Degree, 2020 - 2021
Associate Degree, 2021 - 2022
Communication, Associate Degree, 2021 - 2022
Instrumental Analysis, Associate Degree, 2020 - 2021
Instrumental Analysis I, Associate Degree, 2020 - 2021
Biochemistry II, Associate Degree, 2019 - 2020
Effective speech and diction, Associate Degree, 2020 - 2021
Industrial Basic Operations, Associate Degree, 2019 - 2020
Stress and management in working life, Associate Degree, 2020 - 2021
Leadership and motivation, Associate Degree, 2020 - 2021
Introduction To Industrial Processes, Associate Degree, 2020 - 2021
Water and Life, Associate Degree, 2019 - 2020
History Of Science, Associate Degree, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An electrocatalyst for detection of glucose in human blood: synergy in Pd-AuNPs/GO_x/C surfaces**
Çelik Kazıcı H., Yayla M.
CHEMICAL ENGINEERING COMMUNICATIONS, vol.206, no.12, pp.1731-1742, 2019 (SCI-Expanded)
- II. **Development of Nonenzymatic Benzoic Acid Detection on PdSn/GCE/Vulcan XC-72R Prepared via Polyol Method**
Çelik Kazıcı H., Yayla M., Ulaş B., Aktaş N., Demir Kıvrak H.
Electroanalysis, vol.31, pp.1118-1124, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Carbon nano tube assisted triple metal electrode and high-impact electro sensor for preservative detection in food samples**
Yayla Çiftçi M., Çelik Kazıcı H., Demir Kıvrak H.
MATERIALS RESEARCH INNOVATIONS, vol.7, pp.1-12, 2023 (Scopus)
- II. **Antimicrobial properties of multimetallic of silver compounds immobilized on active carbon and nano carbon tubes**
Kazıcı H., Yönten V., Kıvanç M. R., Ertas M., Salman F., Yayla M.
Current Research in Green and Sustainable Chemistry, vol.4, 2021 (Scopus)
- III. **As a highly efficient reduced graphene oxide-supported ternary catalysts for the fast hydrogen release from NaBH₄**
Şahin Ö., Bozkurt A., Yayla M., Çelik Kazıcı H., İzgi M. S.
Graphene Technology, pp.1-9, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Modifiye Edilmiş Yüzey Baskılı Karbon Elektrotların Ketoprofen Ayrımında Kullanılması**
Yayla M., Yıldırım A., Çelik Kazıcı H., Demir Kıvrak H., Aktaş N.
EurasianBioChem 2022, Ankara, Turkey, 23 - 25 November 2022, pp.1570-1575
- II. **EFFECTS OF ACTIVATED CARBON SUPPORTED Pd Ru CATALYSTS ON HYDROGEN PRODUCTION**
Muhtasım R., Salman F., Yayla M., Çelik Kazıcı H.
ICENTE'20, Konya, Turkey, 19 - 21 November 2020, pp.91

- III. **Carbon Derivative Supported Triple Metal Electro Sensor for Citric Acid Detection in Food Samples**
Yayla M., Çelik Kazıcı H., Demir Kıvrak H.
ICENTE'20, Konya, Turkey, 19 - 21 November 2020, pp.237-239
- IV. **Preparation of GO based Co-Cu-B and investigation of hydrogen production performance**
Şahin Ö., Yayla M., Çelik Kazıcı H., İzgi M. S.
IHTEC 2019, Edirne, Turkey, 20 - 22 June 2019, pp.6
- V. **Al₂O₃-supported nanoparticles for catalyzing the hydrolysis of ammonia borane**
İZGİ M. S., BAYTAR O., Yayla M., Çelik Kazıcı H., ŞAHİN Ö.
IHTEC 2019, Edirne, Turkey, 20 - 22 June 2019, pp.7
- VI. **Pd@Sn Vulcan nanomaterialinin gıdalarda koruyucu madde tayininde kullanılması**
Yayla M., Çelik Kazıcı H., Ulaş B., Demir Kıvrak H., Aktaş N.
13 Ulusal Kimya Mühendisliği Kongresi, Van, Turkey, 3 - 06 September 2018, pp.7547
- VII. **NANOENGINEERED SURFACES FOR POTENTIAL GLUCOSE SENSOR APPLICATIONS**
Çelik Kazıcı H., Yayla M.
7th International Conference 3 on Advanced Technologies, Antalya, Turkey, 28 April - 01 May 2018, pp.122
- VIII. **Determination of Kinetic Parameters of Enzymatic Biosensors, Prepared for Glucose Determination**
Çelik Kazıcı H., Yayla M.
International Advanced Researches & Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1
- IX. **Sensitive non-enzymatic glucose sensor based on bimetallic metals**
Çelik Kazıcı H., Yayla M., Demir Kıvrak H.
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.1
- X. **Method Validation of Bimetallic Nanomaterials Sensor Activities**
Çelik Kazıcı H., Yayla M., Demir Kıvrak H.
International Conference on Advances in Natural and Applied Sciences (ICANAS 2017), Antalya, Turkey, 18 - 21 April 2017, pp.1
- XI. **M-Pd@C core/shell nanomateriallerin hidrojen peroksit sensör geliştirilmesinde kullanımı**
Yayla M., Çelik Kazıcı H., Demir Kıvrak H.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.21

Supported Projects

Yayla M., TUBITAK Project, Synthesis, characterization and electrochemical glucose biosensor applications of Pd@Au/C nano catalysts by polyol method, 2016 - 2017

Tasks In Event Organizations

Yayla M., International Eurasian Climate Change Congress, Scientific Congress, Van, Turkey, Ekim 2022

Metrics

Publication: 16

Citation (WoS): 11

Citation (Scopus): 22

H-Index (WoS): 2

H-Index (Scopus): 2