

Lect. Müge Yayla Çiftçi

Personal Information

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International Researcher IDs

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Education

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

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

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

Dissertations

Postgraduate, Modifiye Edilmiş Yüzey Baskılı Elektrotlar İle Gıda Katkı Maddelerinin Elektrokimyasal Davranışlarının İncelenmesi, Van Yüzüncü Yıl 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 Positions

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

Academic and Administrative Experience

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

Courses

Associate Degree

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

Journal articles indexed in SCI, SSCI, and AHCI

- I. **An electrocatalyst for detection of glucose in human blood: synergy in Pd-AuNPs/GOx/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 Kivrak 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 Kivrak 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**
Kazici H., Yönten V., Kivanç 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)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Modifiye Edilmiş Yüzey Baskılı Karbon Elektrotlarının Ketoprofen Ayrımında Kullanılması**
Yayla M., Yıldırım A., Çelik Kazıcı H., Demir Kivrak H., Aktaş N.
EurasianBioChem 2022, Ankara, Turkey, 23 - 25 November 2022, pp.1570-1575, (Full Text)
- 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, (Summary Text)
- III. **Carbon Derivative Supported Triple Metal Electro Sensor for Citric Acid Detection in Food Samples**
Yayla M., Çelik Kazıcı H., Demir Kivrak H.
ICENTE'20, Konya, Turkey, 19 - 21 November 2020, pp.237-239, (Full Text)
- IV. **Preparation of GO basedCo-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, (Full Text)
- 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, (Full Text)
- VI. **Pd@Sn Vulcan nanomaterialinin gıdalarda koruyucu madde tayininde kullanılması**
Yayla M., Çelik Kazıcı H., Ulaş B., Demir Kivrak H., Aktaş N.
13 Ulusal Kimya Mühendisliği Kongresi, Van, Turkey, 3 - 06 September 2018, pp.7547, (Full Text)
- 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, (Full Text)
- VIII. **Determination of Kinetic Parameters of Enzymatic Bioensors, Prepared for Glucose Determination**
Çelik Kazıcı H., Yayla M.
International Advanced Researches & Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1, (Full Text)
- IX. **Sensitive non-enzymatic glucose sensor based on bimetallic metals**
Çelik Kazıcı H., Yayla M., Demir Kivrak H.
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.1, (Full Text)
- X. **Method Validation of Bimetallic Nanomaterials Sensor Activities**
Çelik Kazıcı H., Yayla M., Demir Kivrak H.
International Conference on Advances in Natural and Applied Sciences (ICANAS 2017), Antalya, Turkey, 18 - 21 April 2017, pp.1, (Full Text)
- XI. **M-Pd@C core/shell nanomateriallerin hidrojen peroksit sensör geliştirilmesinde kullanımı**
Yayla M., Çelik Kazıcı H., Demir Kivrak H.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016, pp.21, (Full Text)

Funded Projects

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

Roles 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