

Lect. PhD SAVAŞ YAĞLIKÇI

Personal Information

Office Phone: [+90 312 485 1605](tel:+903124851605) Extension: 5564

Email: yaglikci@eng.ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/yaglikci>

International Researcher IDs

ScholarID: 1GzZ3cQAAAAJ

ORCID: 0000-0002-6088-9695

Publons / Web Of Science ResearcherID: AAF-8769-2020

ScopusID: 57212255124

Yoksis Researcher ID: 110650

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 2012 - 2021

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 2009 - 2012

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2006 - 2011

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Fosil yakıt temelli aktif karbon – karbon nanotüp kompozitlerden süperkapasitör hazırlanması, Ankara University, Fen Bilimleri Enstitüsü, 2021

Postgraduate, Karbon nanotüp üretiminde katalizörün gaz fazı derişim profiline etkisinin incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 2012

Research Areas

Chemical Engineering and Technology

Academic Titles / Tasks

Lecturer, Ankara University, Mühendislik Fakültesi, Enerji Ve Malzeme Mühendisliği Bölümü, 2014 - Continues

Research Assistant, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2009 - 2014

Courses

Engineering Laboratory II, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019, 2017 - 2018
 Fuels and Combustion, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019
 Engineering Thermodynamics II, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019
 Technical Drawing, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019, 2017 - 2018
 Engineering Laboratory I, Undergraduate, 2023 - 2024, 2022 - 2023, 2018 - 2019, 2017 - 2018
 Engineering Thermodynamics II, Undergraduate, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017
 BME 160 Computer Guided Technical Drawing, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
 FDE 104 Technical Drawing, Undergraduate, 2018 - 2019
 ENE 301 Energy Conversion Processes - I, Undergraduate, 2018 - 2019
 CEN 135 Technical Drawing, Undergraduate, 2018 - 2019
 ENE 210 Numerical Analysis, Undergraduate, 2018 - 2019
 EME 101 Introduction to Energy and Materials Engineering, Undergraduate, 2016 - 2017
 EME 103 Technical Drawing, Undergraduate, 2016 - 2017, 2015 - 2016
 EME 101 Introduction to Energy Materials Engineering, Undergraduate, 2015 - 2016
 Kütile ve Enerji Denklikleri, Undergraduate, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Oleaster (*Elaeagnus angustifolia* L.) fruit peel as a novel natural separator in supercapacitors**
 Gökçe Y., Yağmur E., Yağlıkçı S., Banford A., Aktaş Z.
 Journal of Industrial and Engineering Chemistry, vol.132, pp.212-219, 2024 (SCI-Expanded)
- II. **SiO₂/WO₃/ZnO based self-cleaning coatings for solar cells**
 KÖYSÜREN Ö., Dhoska K., Koysuren H. N., Markja I., YAĞLIKÇI S., TUNÇEL B., Bebi E.
 Journal of Sol-Gel Science and Technology, vol.110, no.1, pp.183-203, 2024 (SCI-Expanded)
- III. **Assessing the effect of protic ionic liquid pretreatment of *Pinus radiata* from different perspectives including solvent-water ratio**
 SEMERCİ N. I., SOYSAL K., YAĞLIKÇI S., GÖKÇE Y.
 JOURNAL OF WOOD CHEMISTRY AND TECHNOLOGY, vol.41, no.6, pp.236-248, 2021 (SCI-Expanded)
- IV. **Adsorption behaviour of high performance activated carbon from demineralised low rank coal (Rawdon) for methylene blue and phenol**
 GÖKÇE Y., YAĞLIKÇI S., YAĞMUR E., Banford A., AKTAŞ Z.
 JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.9, no.2, 2021 (SCI-Expanded)
- V. **Does high sulphur coal have the potential to produce high performance - low cost supercapacitors?**
 YAĞLIKÇI S., GÖKÇE Y., YAĞMUR E., Banford A., AKTAŞ Z.
 SURFACES AND INTERFACES, vol.22, 2021 (SCI-Expanded)
- VI. **The performance of sulphur doped activated carbon supercapacitors prepared from waste tea**
 YAĞLIKÇI S., GÖKÇE Y., YAĞMUR E., AKTAŞ Z.
 ENVIRONMENTAL TECHNOLOGY, vol.41, no.1, pp.36-48, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Performance of Sulphur Doped Activated Carbon Supercapacitors Prepared from Waste Tea**
 YAĞLIKÇI S., GÖKÇE Y., YAĞMUR E., AKTAŞ Z.
 6. European Conference on Renewable Energy Systems, 25 - 27 June 2018
- II. **Effects of Demineralisation Process on the Activated Carbon Prepared from Rawdon Coal**
 YAĞLIKÇI S., GÖKÇE Y., YAĞMUR E., AKTAŞ Z.
 3rd International Conference Porous Powder Materials Symposium (PPM2017), 12 - 15 September 2017
- III. **KİNETİK ANALİZ İLE KARBON NANOTÜP OLUŞUMUNDAN SORUMLU BİLEŞENİN BELİRLENMESİ**
 YAĞLIKÇI S., ÇİÇEK B.

1. Ulusal Karbon konferansı, İstanbul, Turkey, 12 - 13 March 2015

IV. Investigation of gas phase composition during carbon nanotube production
YAĞLIKÇI S.

ICCE 2011, 28 - 30 November 2011, vol.59, pp.2107-2112

Supported Projects

Köysüren Ö., Köysüren H. N., Yağlıkçı S., Tunçel B., TÜBİTAK International Bilateral Joint Cooperation Program Project, Günes Hücreleri İçin Kendi Kendini Temizleyen Kaplamaların Hazırlanması, 2023 - 2024

Duman E., Köysüren Ö., Soysal K., Yağlıkçı S., TUBITAK Project, Elektronik Atıkların Geri Dönüşümünden Elde Edilen Mıknatıs Tozları Kullanılarak Eklemeli Üretim Yöntemi İle Kalıcı Mıknatıs Üretimi, 2021 - 2022

Scientific Refereeing

FUEL, SCI Journal, June 2022

Metrics

Publication: 10

Citation (WoS): 138

Citation (Scopus): 161

H-Index (WoS): 4

H-Index (Scopus): 4