

Res. Asst. PhD ÖZNUR KAVAK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAI-2759-2021

ScopusID: 57446217600

Yoksis Researcher ID: 216760

Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, Turkey 2017 - 2023

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği (YI) (Tezli), Turkey 2014 - 2017

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, Turkey 2009 - 2014

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Development of graphene oxide based aerogels, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği (YI) (Tezli), 2017

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Water-Based Route for Dopamine and Reduced Graphene Oxide Aerogel Production**
Kavak Ö., Can B., Bat E.
ACS OMEGA, vol.8, no.49, pp.46728-46737, 2023 (SCI-Expanded)
- II. **Tethering vapor-phase deposited GLYMO coupling molecules to silane-crosslinked polyethylene surface via plasma grafting approaches**
Mostofi Sarkari N., DOĞAN Ö., BAT E., Mohseni M., Ebrahimi M.
APPLIED SURFACE SCIENCE, vol.513, 2020 (SCI-Expanded)
- III. **Assessing effects of (3-aminopropyl) trimethoxysilane self-assembled layers on surface characteristics of organosilane-grafted moisture-crosslinked polyethylene substrate: A comparative study between chemical vapor deposition and plasma-facilitated in situ grafting methods**
Sarkari N. M., DOĞAN Ö., BAT E., Mohseni M., Ebrahimi M.
APPLIED SURFACE SCIENCE, vol.497, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Nefes Figürü Yöntemi İle Polisülfon Ve Grafen Oksit Esaslı Gözenekli Filmlerin Üretimi Ve Karakterizasyonu**
KAVAK Ö., BAT E.
14. Ulusal Kimya Mühendisliği Kongresi, Turkey, 10 June 2021
- II. **Reduced Graphene Oxide - Molybdenum Disulfide Aerogel Nanocomposite Electrodes for Supercapacitors**
AYDINLI A., DOĞAN Ö., KOYLAN S., BAT E., ÜNALAN H. E.
2018 MRS Fall Meeting Exhibit, Boston, United States Of America, 25 - 30 November 2018
- III. **PRODUCTION OF REDUCED GRAPHENE OXIDE AND POLYMER BASED AEROGELS FOR OIL-WATER SEPARATIONS**
DOĞAN Ö., BAT E.
5th International Polymeric Composites Symposium and Workshops, İzmir, Turkey, 2 - 04 November 2017
- IV. **Production of Reduced Graphene Oxide and Polymer based Aerogels for Oil-Water Separations**
DOĞAN Ö., BAT E.
14th International Conference on Polymers for Advanced Technologies 2017, Manchester, United Kingdom, 11 September - 13 November 2017
- V. **Development of Graphene Oxide based Aerogels**
DOĞAN Ö., BAT E.
46th IUPAC World Polymer Congress, 17 - 21 July 2016

Supported Projects

BAT E., DOĞAN Ö., Project Supported by Higher Education Institutions, Grafen Oksit ve Polimer Esaslı Aerojel Üretimi ve Özelliklerinin Belirlenmesi, 2015 - 2016

Metrics

Publication: 16
Citation (WoS): 31
Citation (Scopus): 42
H-Index (WoS): 2
H-Index (Scopus): 2