

Asst. Prof. SELÇUK TEMİZ

Personal Information

Email: stemiz@ogu.edu.tr

Web: <https://avesis.ogu.edu.tr/stemiz>

International Researcher IDs

ORCID: 0000-0002-6649-6251

Publons / Web Of Science ResearcherID: L-1517-2018

ScopusID: 57023769400

Yoksis Researcher ID: 276880

Education Information

Doctorate, University of California, Riverside, Materials Science And Engineering, United States Of America 2013 - 2017

Undergraduate, Ankara University, Fen Fakültesi, Fizik Bölümü, Turkey 2000 - 2006

Dissertations

Doctorate, Optimization Methods on Synthesis of Atomically Thin Layered Materials and Heterostructures, University of California, Riverside, Materials Science And Engineering, 2017

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Eskisehir Osmangazi University, FEN FAKÜLTESİ, FİZİK BÖLÜMÜ, 2018 - Continues

Courses

Nanoteknoloji 151917637, Undergraduate, 2017 - 2018

Physics I 152111005, Undergraduate, 2017 - 2018

Fizik I 151911186, Undergraduate, 2017 - 2018

Physics II 152112005, Undergraduate, 2017 - 2018

Physics II 151832201, Undergraduate, 2017 - 2018

physics II 151812201, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

1. **State of charge and temperature-dependent impedance spectra regeneration of lithium-ion battery by duplex learning modeling**

- TEMİZ S., EROL S., Kurban H., Dalkilic M. M.
JOURNAL OF ENERGY STORAGE, vol.64, 2023 (SCI-Expanded)
- II. **Regeneration of Lithium-ion battery impedance using a novel machine learning framework and minimal empirical data**
Temiz S., Kurban H., Erol S., Dalkilic M. M.
JOURNAL OF ENERGY STORAGE, vol.52, 2022 (SCI-Expanded)
- III. **Tailoring the structural properties and electronic structure of anatase, brookite and rutile phase TiO₂ nanoparticles: DFTB calculations**
Kurban H., Dalkilic M., TEMİZ S., KURBAN M.
COMPUTATIONAL MATERIALS SCIENCE, vol.183, 2020 (SCI-Expanded)
- IV. **Effect of intermittent oxygen exposure on chemical vapor deposition of graphene**
TEMİZ S., Mutlu Z., Shahrezaei S., Ozkan M., Ozkan C. S.
MRS COMMUNICATIONS, vol.7, no.4, pp.826-831, 2017 (SCI-Expanded)
- V. **Chemical vapor deposition of partially oxidized graphene**
Mutlu Z., Ruiz I., Wu R. J., Ionescu R., Shahrezaei S., TEMİZ S., Ozkan M., Mkhoyan K. A., Ozkan C. S.
RSC ADVANCES, vol.7, no.51, pp.32209-32215, 2017 (SCI-Expanded)
- VI. **Phase Engineering of 2D Tin Sulfides**
Mutlu Z., Wu R. J., Wickramaratne D., Shahrezaei S., Liu C., TEMİZ S., Patalano A., Ozkan M., Lake R. K., Mkhoyan K. A., et al.
SMALL, vol.12, no.22, pp.2998-3004, 2016 (SCI-Expanded)
- VII. **Facile Synthesis and Characterization of Two Dimensional Layered Tin Disulfide Nanowalls**
Mutlu Z., Shahrezaei S., TEMİZ S., Ozkan M., Ozkan C. S.
JOURNAL OF ELECTRONIC MATERIALS, vol.45, no.4, pp.2115-2120, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Data on Machine Learning regenerated Lithium-ion battery impedance**
Temiz S., Kurban H., Erol S., Dalkilic M. M.
DATA IN BRIEF, vol.45, 2022 (ESCI)
- II. **Lithium-ion battery impedance data set**
TEMİZ S., KURBAN H., EROL S., Dalkilic M. M.
Mendeley Data, 2022 (Non Peer-Reviewed Journal)

Metrics

Publication: 11

Citation (WoS): 75

Citation (Scopus): 78

H-Index (WoS): 4

H-Index (Scopus): 4