

Lect. PhD Ahmet Sencer NAZLIGÜL

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HNB-9619-2023

ScopusID: 57217253535

Yoksis Researcher ID: 410114

Education Information

Doctorate, University College London, Mathematical and Physical Sciences, Institute for Materials Discovery, England 2018 - 2023

Postgraduate, University of London-Queen Mary and Westfield College, School of Engineering and Materials Science, Sustainable Energy Systems, England 2016 - 2017

Undergraduate, Marmara University, Faculty Of Engineering, Mechanical Engineering, Turkey 2009 - 2014

Foreign Languages

English, C2 Mastery

Research Areas

Renewable energy, Semiconducting Materials and Devices, Solar energy, Composites, Nanomaterials

Academic Titles / Tasks

Lecturer PhD, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2024 - Continues

Courses

Machine Elements for Engineers, Undergraduate, 2024 - 2025

Impact of Engineering Practices on Society and Environment/Career Counseling, Undergraduate, 2024 - 2025

Published journal articles indexed by SCI, SSCI, and AHCI

- Tunable Transparent Conductors Based on SnO₂: Theoretical and Experimental Studies of Codoping**
Qian W., Feng X., Wang Y., NAZLIGÜL A. S., Lu Y., Wang M., Wu W., Choy K. L.

ACS Omega, vol.9, no.50, pp.49674-49682, 2024 (SCI-Expanded)

II. Carbon-black combined with TiO₂ and Cu₂O as sustainable photosystem for a reliable self-powered photoelectrochemical biosensor

Mazzaracchio V., Marrone R., Forchetta M., Sabuzi F., Galloni P., Wang M., Nazligül A. S., Choy K., Arduini F., Moscone D.

Electrochimica Acta, vol.426, 2022 (SCI-Expanded)

III. Recent development in earth-abundant kesterite materials and their applications

Nazligül A. S., Wang M., Choy K. L.

Sustainability (Switzerland), vol.12, no.12, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Effects of Aluminium Doping on Kesterite Cu₂ZnSnS₄ Thin-Films

Nazligül A. S., Wang M., Choy K. L.

MRS 2019 Fall, Massachusetts, United States Of America, 1 - 06 December 2019, pp.1907

Metrics

Publication: 4

Citation (Scopus): 85

H-Index (Scopus): 2