

Asst. Prof. ÖZGÜR SELİMOĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAW-1887-2020

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Fizik (Dr), Turkey 2006 - 2013

Undergraduate, Middle East Technical University, Faculty Of Engineering, Makine Mühendisliği Bölümü, Turkey 1999 - 2004

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1999 - 2004

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Design and realization of a new concentrating photovoltaic solar energy module based on lossless horizontally staggered light guide, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Fizik (Dr), 2013

Academic Titles / Tasks

Assistant Professor, Ankara University, Mühendislik Fakültesi, Enerji Mühendisliği Bölümü, 2019 - Continues

Courses

Energy Design Project , Undergraduate, 2023 - 2024

Energy Conversion Processes, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- Signal-to-noise ratio model in Python for high-resolution space-borne electro-optic imagers**
Nilüfer Öztürk Z., Başlar I., SELİMOĞLU Ö., Karcl Ö.
Journal of Applied Remote Sensing, vol.17, no.1, pp.14508, 2023 (SCI-Expanded)

- II. **Flow-Through Portable Antivirus UV-C Optical Enclosures to be Used with Protective Masks**
SELİMOĞLU Ö.
INTERNATIONAL JOURNAL OF OPTICS, vol.2021, 2021 (SCI-Expanded)
- III. **Image Chain Simulation for Earth Observation Satellites**
Alici K. B., ÖKTEM S. F., Karci O., Yilmaz A. S., Selimoglu Ö.
IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING, vol.12, no.10, pp.4014-4023, 2019 (SCI-Expanded)
- IV. **Periodic aperture imaging**
Alici K. B., Buyuk H., Yilmaz A. S., Ozdemir C., Karci O., ÖKTEM S. F., Selimoglu Ö.
OPTICAL ENGINEERING, vol.56, no.5, 2017 (SCI-Expanded)
- V. **Thermal refocusing method for spaceborne high-resolution optical imagers**
Selimoglu Ö., Ekinci M., Karci O.
APPLIED OPTICS, vol.55, no.15, pp.4109-4112, 2016 (SCI-Expanded)
- VI. **Exploration of the horizontally staggered light guides for high concentration CPV applications**
Selimoglu Ö., TURAN R.
OPTICS EXPRESS, vol.20, no.17, pp.19137-19147, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development of the Multi-configuration Cassegrain Collimator**
SELİMOĞLU Ö., EKİNCİ M.
CUMHURİYET SCIENCE JOURNAL, vol.39, no.4, pp.1052-1062, 2018 (Peer-Reviewed Journal)
- II. **Realization of Concentrated Photovoltaic Module Based on Horizontally Staggered Light Guide**
TURAN R., SELİMOĞLU Ö.
CUMHURİYET SCIENCE JOURNAL, vol.39, no.2, pp.454-462, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Design and Analysis of 3x Continuous Zoom SWIR Lens**
SELİMOĞLU Ö., SAĞLAM S., Tanyeli B.
2nd International Conference on Light and Light-Based Technologies, Ankara, Turkey, 26 May 2021
- II. **Development of Portable Reflective Enclosure Device to Neutralize Airborne Viruses**
SELİMOĞLU Ö.
2021 OSA Optical Design and Fabrication Congress, United States Of America, 27 June - 01 July 2021
- III. **ÇOK KATMANLI YALITIM BATTANİYELERİN ETKİN IŞIMA KATSAYISININ DENEYSEL OLARAK ÖLÇÜLMESİ**
ARI B. B., Ekinci M., Çelik A., Sancar M. H., Özgür K., SELİMOĞLU Ö.
VII. ULUSAL HAVACILIK VE UZAY KONFERANSI, Turkey, 12 - 14 September 2018
- IV. **Development of a 0.5m clear aperture Cassegrain type collimator telescope**
Ekinci M., SELİMOĞLU Ö.
Conference on Advances in Optical and Mechanical Technologies for Telescopes and Instrumentation II, Edinburgh, United Kingdom, 26 June - 01 July 2016

Metrics

Publication: 12

Citation (WoS): 40

Citation (Scopus): 46

H-Index (WoS): 3

H-Index (Scopus): 4