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Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Cukurova University, Fen-Edebiyat Fakültesi, Fizik, 2021 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Energy and exergy analyses and electricity generation of PV-T combined with a solar collector for varying mass flow rate and ambient temperature**
ATIZ A., Erden M., KARAKILÇIK M.
HEAT AND MASS TRANSFER, 2022 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Hydrogen production and space heating using water heated by solar radiation**
ATIZ A., KARAKILÇIK H., KARAKILÇIK M.
in: Solar Water Heating: Fundamentals and Applications, Khalil Kassmi, Editor, Nova Science Publishers, Inc., Hauppauge NY, pp.177-202, 2021
- II. **Daily comparison energy and exergy analysis and thermal energy storage performance of solar collectors**
ATIZ A., KARAKILÇIK H., SAXENA A., KARAKILÇIK M.
in: Solar Water Heating: Fundamentals and Applications, Khalil Kassmi, Editor, Nova Science Publishers, Inc., Hauppauge NY, pp.59-83, 2021
- III. **100 Renewable Energy Generation with Integrated Solar Energy Systems**
ATIZ A., KARAKILÇIK M.
in: Accelerating the Transition to a 100 Renewable Energy Era, Tanay Sıtkı Uyar, Editor, Springer Nature, Cham, pp.259-274, 2020