# Nimeti Doner

List of Publications by Year
in descending order



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|---|---|---|---|
| 25 papers | 658 citations | 1040056 9 h-index | 794594 19 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 672 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Study on particle radiative properties of lignite, hard coal and biomass fly ashes in the infrared wavelength range. Chemosphere, 2022, 291, 132719. | 8.2 | 3 |
| 2 | Modeling and simulation of steam methane reforming and methane combustion over continuous and segmented catalyst beds in autothermal reactor. International Journal of Hydrogen Energy, 2022, 47, 9127-9138. | 7.1 | 28 |
| 3 | Effects of CuO, TiO2 and graphite microparticles on the heat transfer properties of greases. Engineering Science and Technology, an International Journal, 2022, 30, 101044. | 3.2 | 0 |
| 4 | Regression analysis of the operational parameters and energy-saving potential of industrial compressed air systems. Energy, 2022, 252, 124030. | 8.8 | 7 |
| 5 | Carbon-polymer hybrid-supported nanomaterials for alcohol fuel cells. , 2021, , 371-387. | | 2 |
| 6 | Catalysts for high-temperature fuel cells operated by alcohol fuels. , 2021, , 173-186. | | 3 |
| 7 | Design and kinematic analysis of a novel rehabilitative robotic walking simulation device. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 770-779. | 1.8 | 0 |
| 8 | Numerical investigation of hydrogen production via autothermal reforming of steam and methane over Ni/Al2O3 and Pt/Al2O3 patterned catalytic layers. International Journal of Hydrogen Energy, 2021, 46, 37521-37532. | 7.1 | 40 |
| 9 | Morphological and radiative characteristics of soot aggregates: Experimental and numerical research. Scientific Reports, 2020, 10, 411. | 3.3 | 6 |
| 10 | A comparative study of waste energy recovery from a hot-oil central boiler in a textile finishing factory. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-12. | 2.3 | 4 |
| 11 | Detailed Thermal Design and Control of an Observation Satellite in Low Earth Orbit. European Mechanical Science, 2020, 4, 171-178. | 0.9 | 5 |
| 12 | Hematit parÃ§acÄ±klarÄ±n kÄ±sa ve gÃ¶rÃ¼nÃ¼r dalga boyundaki Ä±ÅŸÄ±nÄ±m ve dÃ¼ÅŸÃ¼k sÄ±caklÄ±klardaki Ä±sÄ±l Ã¶zellikleri Journal of the Faculty of Engineering and Architecture of Gazi University, 2020, 36, 191-200. | 0.8 | 0 |
| 13 | Numerical Investigations of Stall Development in a Transonic Axial Compressor Stage. BioNanoScience, 2019, 9, 461-473. | 3.5 | 3 |
| 14 | Radiative properties of hematite particles in the UV-visible spectrum. International Journal of Thermal Sciences, 2019, 139, 79-87. | 4.9 | 4 |
| 15 | Study of the Heat Transfer of a Large-Scale Tunnel Furnace Based on Numerical Modeling. Journal of Thermal Science and Engineering Applications, 2018, 10, . | 1.5 | 7 |
| 16 | Impact of necking and overlapping on radiative properties of coated soot aggregates. Aerosol Science and Technology, 2017, 51, 532-542. | 3.1 | 16 |
| 17 | Impact of morphology on the radiative properties of fractal soot aggregates. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 187, 10-19. | 2.3 | 47 |
| 18 | Comments on â€œInvestigation of design parameters of a domestic refrigerator by artificial neural networks and numerical simulationsâ€•by D. Kumlutas et al. [Int. J. Refrigeration 35, 1678â€“1689, 2012]. International Journal of Refrigeration, 2016, 65, 332-334. | 3.4 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | M1 model for radiative heat transfer in absorbing, emitting, and scattering medium. International Journal of Thermal Sciences, 2014, 79, 34-39. | 4.9 | 4 |
| 20 | Viscosity of carbon nanotubes water-based nanofluids: Influence of concentration and temperature. International Journal of Thermal Sciences, 2013, 71, 111-117. | 4.9 | 235 |
| 21 | An application of Spectral line-based weighted sum of grey gases (SLW) model with geometric optics approximation for radiative heat transfer in 3-D participating media. Applied Thermal Engineering, 2013, 50, 89-93. | 6.0 | 15 |
| 22 | Shear History Effect on the Viscosity of Carbon Nanotubes Water-based Nanofluid. Current Nanoscience, 2013, 9, 225-230. | 1.2 | 40 |
| 23 | Experimental investigations of the viscosity of nanofluids at low temperatures. Applied Energy, 2012, 97, 876-880. | 10.1 | 174 |
| 24 | A 3-D radiation model for non-grey gases. Journal of Quantitative Spectroscopy and Radiative Transfer, 2009, 110, 184-191. | 2.3 | 13 |
| 25 | Solution of the radiative transfer problems in two-dimensional participating cylindrical medium with isotropic scattering using the SKN approximation. WIT Transactions on Engineering Sciences, 2006, , . | 0.0 | 2 |