

Nimeti Doner

List of Publications by Year in descending order

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Version: 2024-02-01

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	Viscosity of carbon nanotubes water-based nanofluids: Influence of concentration and temperature. <i>International Journal of Thermal Sciences</i> , 2013, 71, 111-117.	4.9	235
2	Experimental investigations of the viscosity of nanofluids at low temperatures. <i>Applied Energy</i> , 2012, 97, 876-880.	10.1	174
3	Impact of morphology on the radiative properties of fractal soot aggregates. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 187, 10-19.	2.3	47
4	Numerical investigation of hydrogen production via autothermal reforming of steam and methane over Ni/Al ₂ O ₃ and Pt/Al ₂ O ₃ patterned catalytic layers. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 37521-37532.	7.1	40
5	Shear History Effect on the Viscosity of Carbon Nanotubes Water-based Nanofluid. <i>Current Nanoscience</i> , 2013, 9, 225-230.	1.2	40
6	Modeling and simulation of steam methane reforming and methane combustion over continuous and segmented catalyst beds in autothermal reactor. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 9127-9138.	7.1	28
7	Impact of necking and overlapping on radiative properties of coated soot aggregates. <i>Aerosol Science and Technology</i> , 2017, 51, 532-542.	3.1	16
8	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. <i>Applied Thermal Engineering</i> , 2013, 50, 89-93.	6.0	15
9	A 3-D radiation model for non-grey gases. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2009, 110, 184-191.	2.3	13
10	Study of the Heat Transfer of a Large-Scale Tunnel Furnace Based on Numerical Modeling. <i>Journal of Thermal Science and Engineering Applications</i> , 2018, 10, .	1.5	7
11	Regression analysis of the operational parameters and energy-saving potential of industrial compressed air systems. <i>Energy</i> , 2022, 252, 124030.	8.8	7
12	Morphological and radiative characteristics of soot aggregates: Experimental and numerical research. <i>Scientific Reports</i> , 2020, 10, 411.	3.3	6
13	Detailed Thermal Design and Control of an Observation Satellite in Low Earth Orbit. <i>European Mechanical Science</i> , 2020, 4, 171-178.	0.9	5
14	M1 model for radiative heat transfer in absorbing, emitting, and scattering medium. <i>International Journal of Thermal Sciences</i> , 2014, 79, 34-39.	4.9	4
15	Radiative properties of hematite particles in the UV-visible spectrum. <i>International Journal of Thermal Sciences</i> , 2019, 139, 79-87.	4.9	4
16	A comparative study of waste energy recovery from a hot-oil central boiler in a textile finishing factory. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, , 1-12.	2.3	4
17	Numerical Investigations of Stall Development in a Transonic Axial Compressor Stage. <i>BioNanoScience</i> , 2019, 9, 461-473.	3.5	3
18	Catalysts for high-temperature fuel cells operated by alcohol fuels. , 2021, , 173-186.		3

#	ARTICLE	IF	CITATIONS
19	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
20	Carbon-polymer hybrid-supported nanomaterials for alcohol fuel cells. , 2021, , 371-387.		2
21	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
22	Comments on "Investigation of design parameters of a domestic refrigerator by artificial neural networks and numerical simulations" by D. Kumlutas et al. [Int. J. Refrigeration 35, 1678-1689, 2012]. International Journal of Refrigeration, 2016, 65, 332-334.	3.4	0
23	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
24	Hematit parÅsacÄ±kları n kÄ±sa ve gÄ±rÄ±nÄ±r dalga boyundaki Ä±nÄ±m ve dÄ±k sÄ±caklıklardaki Ä±zellikleri Journal of the Faculty of Engineering and Architecture of Gazi University, 2020, 36, 191-200.	0.8	0
25	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