

Yahya Sheikhnejad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3219355/publications.pdf>

Version: 2024-02-01

26
papers

439
citations

687363

13
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on heat transfer enhancement of laminar ferrofluid flow in horizontal tube partially filled porous media under fixed parallel magnet bars. Journal of Magnetism and Magnetic Materials, 2017, 424, 16-25.	2.3	48
2	An MHD of Nanofluid Flow Over a Porous Stretching/Shrinking Plate with Mass Transpiration and Brinkman Ratio. Transport in Porous Media, 2022, 142, 333-352.	2.6	43
3	Industrial biowastes treatment using membrane bioreactors (MBRs) -a scientometric study. Journal of Environmental Management, 2019, 247, 462-473.	7.8	36
4	One step forward toward smart city Utopia: Smart building energy management based on adaptive surrogate modelling. Energy and Buildings, 2020, 223, 110146.	6.7	31
5	Underground carbon dioxide sequestration for climate change mitigation – A scientometric study. Journal of CO2 Utilization, 2019, 33, 179-188.	6.8	30
6	Scientific Landscape of Sustainable Urban and Rural Areas Research: A Systematic Scientometric Analysis. Sustainability, 2020, 12, 1293.	3.2	25
7	Enhancement of solar chimney performance by passive vortex generator. Renewable Energy, 2021, 169, 437-450.	8.9	25
8	Airborne and aerosol pathogen transmission modeling of respiratory events in buildings: An overview of computational fluid dynamics. Sustainable Cities and Society, 2022, 79, 103704.	10.4	25
9	Effect of different magnetic field distributions on laminar ferroconvection heat transfer in horizontal tube. Journal of Magnetism and Magnetic Materials, 2015, 389, 136-143.	2.3	23
10	Floating PVs in Terms of Power Generation, Environmental Aspects, Market Potential, and Challenges. Sustainability, 2022, 14, 2626.	3.2	22
11	Effects of parallel magnet bars and partially filled porous media on magneto-thermo-hydro-dynamic characteristics of pipe ferroconvection. International Journal of Heat and Mass Transfer, 2019, 136, 1273-1281.	4.8	19
12	LAMINAR FORCED CONVECTION OF FERROFLUID IN A HORIZONTAL TUBE PARTIALLY FILLED WITH POROUS MEDIA IN THE PRESENCE OF A MAGNETIC FIELD. Journal of Porous Media, 2015, 18, 437-448.	1.9	16
13	Experimental Investigation and Three-Dimensional Numerical Analysis of Ferroconvection Through Horizontal Tube Under Magnetic Field of Fixed Parallel Magnet Bars. Journal of Heat Transfer, 2017, 139, .	2.1	14
14	Can buildings be more intelligent than users?- The role of intelligent supervision concept integrated into building predictive control. Energy Reports, 2020, 6, 409-416.	5.1	13
15	Energy Harvesting by a Novel Substitution for Expansion Valves: Special Focus on City Gate Stations of High-Pressure Natural Gas Pipelines. Energies, 2020, 13, 956.	3.1	13
16	Impact of MHD and Mass Transpiration on Rivlin-Ericksen Liquid Flow over a Stretching Sheet in a Porous Media with Thermal Communication. Transport in Porous Media, 2022, 142, 353-381.	2.6	11
17	Three-dimensional numerical analysis of hydrodynamic characteristics of axial groove journal bearings running with ferrofluids under magnetic field. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2010, 224, 609-619.	1.8	10
18	Introducing Tesla turbine to enhance energy efficiency of refrigeration cycle. Energy Reports, 2020, 6, 358-363.	5.1	10

#	ARTICLE	IF	CITATIONS
19	Laser Thermal Tuning by Transient Analytical Analysis of Peltier Device. IEEE Photonics Journal, 2017, 9, 1-13.	2.0	6
20	A CFD Approach for Risk Assessment Based on Airborne Pathogen Transmission. Atmosphere, 2021, 12, 986.	2.3	6
21	Heat and Mass Transfer of Waltersâ€™ Liquid B Flow Over A Porous Stretching/Shrinking Plate with Mass Transpiration and Slip. Transport in Porous Media, 0, , 1.	2.6	5
22	Simplified model for power penalty when using PIN and APD receivers. Optics Communications, 2017, 392, 15-19.	2.1	2
23	Analytical transient analysis of Peltier device for laser thermal tuning. , 2017, , .		2
24	"Building Information Modelling Execution in Administrative and Commercial Spaces in Iran â€“ A Fuzzy-Delphi Criteria Prioritization ". Journal of Settlements and Spatial Planning, 2020, SI, 17-27.	0.3	2
25	Exploitation of radiating gas in improving solar gas heater performance. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	2.3	1
26	Editorial to the Special Issue on Advanced Micro/Nanoscale Porous Materials for Novel Applications: Answering to Future Needs. Transport in Porous Media, 2022, 142, 1-4.	2.6	1