

# Yahya Sheikhnejad

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

439  
citations

686830

13  
h-index

752256

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. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 424, 16-25.	1.0	48
2	An MHD of Nanofluid Flow Over a Porous Stretching/Shrinking Plate with Mass Transpiration and Brinkman Ratio. <i>Transport in Porous Media</i> , 2022, 142, 333-352.	1.2	43
3	Industrial biowastes treatment using membrane bioreactors (MBRs) -a scientometric study. <i>Journal of Environmental Management</i> , 2019, 247, 462-473.	3.8	36
4	One step forward toward smart city Utopia: Smart building energy management based on adaptive surrogate modelling. <i>Energy and Buildings</i> , 2020, 223, 110146.	3.1	31
5	Underground carbon dioxide sequestration for climate change mitigation – A scientometric study. <i>Journal of CO2 Utilization</i> , 2019, 33, 179-188.	3.3	30
6	Scientific Landscape of Sustainable Urban and Rural Areas Research: A Systematic Scientometric Analysis. <i>Sustainability</i> , 2020, 12, 1293.	1.6	25
7	Enhancement of solar chimney performance by passive vortex generator. <i>Renewable Energy</i> , 2021, 169, 437-450.	4.3	25
8	Airborne and aerosol pathogen transmission modeling of respiratory events in buildings: An overview of computational fluid dynamics. <i>Sustainable Cities and Society</i> , 2022, 79, 103704.	5.1	25
9	Effect of different magnetic field distributions on laminar ferroconvection heat transfer in horizontal tube. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 389, 136-143.	1.0	23
10	Floating PVs in Terms of Power Generation, Environmental Aspects, Market Potential, and Challenges. <i>Sustainability</i> , 2022, 14, 2626.	1.6	22
11	Effects of parallel magnet bars and partially filled porous media on magneto-thermo-hydro-dynamic characteristics of pipe ferroconvection. <i>International Journal of Heat and Mass Transfer</i> , 2019, 136, 1273-1281.	2.5	19
12	LAMINAR FORCED CONVECTION OF FERROFLUID IN A HORIZONTAL TUBE PARTIALLY FILLED WITH POROUS MEDIA IN THE PRESENCE OF A MAGNETIC FIELD. <i>Journal of Porous Media</i> , 2015, 18, 437-448.	1.0	16
13	Experimental Investigation and Three-Dimensional Numerical Analysis of Ferroconvection Through Horizontal Tube Under Magnetic Field of Fixed Parallel Magnet Bars. <i>Journal of Heat Transfer</i> , 2017, 139, .	1.2	14
14	Can buildings be more intelligent than users?- The role of intelligent supervision concept integrated into building predictive control. <i>Energy Reports</i> , 2020, 6, 409-416.	2.5	13
15	Energy Harvesting by a Novel Substitution for Expansion Valves: Special Focus on City Gate Stations of High-Pressure Natural Gas Pipelines. <i>Energies</i> , 2020, 13, 956.	1.6	13
16	Impact of MHD and Mass Transpiration on Rivlin-Ericksen Liquid Flow over a Stretching Sheet in a Porous Media with Thermal Communication. <i>Transport in Porous Media</i> , 2022, 142, 353-381.	1.2	11
17	Three-dimensional numerical analysis of hydrodynamic characteristics of axial groove journal bearings running with ferrofluids under magnetic field. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2010, 224, 609-619.	1.0	10
18	Introducing Tesla turbine to enhance energy efficiency of refrigeration cycle. <i>Energy Reports</i> , 2020, 6, 358-363.	2.5	10

#	ARTICLE	IF	CITATIONS
19	Laser Thermal Tuning by Transient Analytical Analysis of Peltier Device. IEEE Photonics Journal, 2017, 9, 1-13.	1.0	6
20	A CFD Approach for Risk Assessment Based on Airborne Pathogen Transmission. Atmosphere, 2021, 12, 986.	1.0	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.	1.2	5
22	Simplified model for power penalty when using PIN and APD receivers. Optics Communications, 2017, 392, 15-19.	1.0	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.	0.1	2
25	Exploitation of radiating gas in improving solar gas heater performance. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	1.2	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.	1.2	1