

Sina Yaghoubi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

455
citations

759233

12
h-index

752698

20
g-index

28
all docs

28
docs citations

28
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	A new application of multi-criteria decision making in identifying critical dust sources and comparing three common receptor-based models. <i>Science of the Total Environment</i> , 2022, 808, 152109.	8.0	27
2	Homotopy perturbation method for unsteady motion of a single bubble in a highly viscous liquid. <i>Chemical Engineering Communications</i> , 2021, 208, 1143-1159.	2.6	1
3	Influences of Polymer-Surfactant Interaction on the Drop Formation Process: An Experimental Study. <i>Langmuir</i> , 2021, 37, 1025-1036.	3.5	6
4	High precision invasive FFR , low-cost invasive iFR , or non-invasive CFR ?: optimum assessment of coronary artery stenosis based on the patient-specific computational models. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 36, e3382.	2.1	11
5	Numerical and experimental study of a reversible axial flow fan. <i>International Journal of Computational Fluid Dynamics</i> , 2020, 34, 173-186.	1.2	7
6	Experimental investigation of the effects of surfactant on the dynamics of formation process of liquid drops. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 183-193.	5.8	4
7	Experimental Investigation of Various Regimes of Bubble Formation and Growth-A Theoretical View of Double Coalescence Regime. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2020, 142, .	1.5	3
8	Effect of an obstacle on the depositional behaviour of turbidity currents. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2019, 57, 75-89.	1.7	11
9	Investigation of bubble formation and its detachment in shear-thinning liquids at low capillary and Bond numbers. <i>Theoretical and Computational Fluid Dynamics</i> , 2019, 33, 463-480.	2.2	3
10	Simulation and performance improvement of cryogenic distillation column, using enhanced predictive Peng-Robinson equation of state. <i>Fluid Phase Equilibria</i> , 2019, 489, 117-130.	2.5	6
11	Numerical simulation to investigate the induced buoyant flow characteristics caused by intensive heat in complex curvilinear geometries. <i>Heat Transfer - Asian Research</i> , 2019, 48, 835-853.	2.8	4
12	Obtaining uniform cooling on a hot surface by a novel swinging slot impinging jet. <i>Applied Thermal Engineering</i> , 2019, 150, 781-790.	6.0	13
13	Experimental investigation and comparison of Newtonian and non-Newtonian shear-thinning drop formation. <i>Experimental Thermal and Fluid Science</i> , 2018, 94, 148-158.	2.7	10
14	A numerical study of reactive pollutant dispersion in street canyons with green roofs. <i>Building Simulation</i> , 2018, 11, 125-138.	5.6	21
15	The 2022 February 2016 Mineral Dust Event in Tehran, Iran: Numerical Modeling, Remote Sensing, and In Situ Measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5038-5058.	3.3	14
16	Numerical-Analytical Assessment of Fire and Ventilation Interaction in Longitudinally Ventilated Tunnels Using Jet Fans. <i>Heat Transfer Engineering</i> , 2017, 38, 523-537.	1.9	13
17	The Relative Contributions of Mobile Sources to Air Pollutant Emissions in Tehran, Iran: an Emission Inventory Approach. <i>Emission Control Science and Technology</i> , 2016, 2, 44-56.	1.5	103
18	A Comprehensive Study on the Critical Ventilation Velocity in Tunnels with Different Geometries. <i>International Journal of Ventilation</i> , 2015, 14, 303-320.	0.4	4

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19	Numerical Investigation of the Inlet Baffle, Header Geometry, and Triangular Fins Effects on Plate-Fin Heat Exchangers Performance. <i>Heat Transfer Engineering</i> , 2015, 36, 1397-1408.	1.9	15
20	Heat Transfer Enhancement in Shell-and-Tube Heat Exchangers Using Porous Media. <i>Heat Transfer Engineering</i> , 2015, 36, 262-277.	1.9	28
21	Ferrofluidic Open Loop Pulsating Heat Pipes: Efficient Candidates for Thermal Management Of Electronics. <i>Experimental Heat Transfer</i> , 2014, 27, 296-312.	3.2	21
22	Open-Loop Pulsating Heat Pipes Charged With Magnetic Nanofluids: Powerful Candidates for Future Electronic Coolers. <i>Nanoscale and Microscale Thermophysical Engineering</i> , 2014, 18, 18-38.	2.6	24
23	Linear analysis of the stability of particle-laden stratified shear layers. <i>Canadian Journal of Physics</i> , 2014, 92, 103-115.	1.1	10
24	An analysis of carbone monoxide distribution in large tunnel fires. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 1917-1925.	1.5	5
25	Experimental investigation of the effect of obstacles on the behavior of turbidity currents. <i>Canadian Journal of Civil Engineering</i> , 2013, 40, 343-352.	1.3	19
26	Effect of selected parameters on the depositional behaviour of turbidity currents. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2012, 50, 60-69.	1.7	18
27	Experimental observation of the flow structure of turbidity currents. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2011, 49, 168-177.	1.7	29
28	Three-Dimensional Modeling of Density Current in a Straight Channel. <i>Journal of Hydraulic Engineering</i> , 2009, 135, 393-402.	1.5	25