

# Amin Kazemi-Beydokhti

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

514  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability and thermal conductivity of nanofluids of tin dioxide synthesized via microwave-induced combustion route. <i>Chemical Engineering Journal</i> , 2010, 156, 471-478.	12.7	97
2	EXPERIMENTAL INVESTIGATION OF PARAMETERS AFFECTING NANOFLUID EFFECTIVE THERMAL CONDUCTIVITY. <i>Chemical Engineering Communications</i> , 2014, 201, 593-611.	2.6	63
3	Rheological investigation of smart polymer/carbon nanotube complex on properties of water-based drilling fluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 556, 23-29.	4.7	50
4	Multilayered Bio-Based Electrospun Membranes: A Potential Porous Media for Filtration Applications. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	46
5	Numerical Study on Convective Heat Transfer of $Al_2O_3/Water$ , $CuO/Water$ and $Cu/Water$ Nanofluids through Square Cross-Section Duct in Laminar Flow. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2012, 6, 1-14.	3.1	40
6	PREDICTION OF STABILITY AND THERMAL CONDUCTIVITY OF $SnO_2$ NANOFLUID VIA STATISTICAL METHOD AND AN ARTIFICIAL NEURAL NETWORK. <i>Brazilian Journal of Chemical Engineering</i> , 2015, 32, 903-917.	1.3	31
7	Identification of the Key Variables on Thermal Conductivity of $CuO$ Nanofluid by a Fractional Factorial Design Approach. <i>Numerical Heat Transfer, Part B: Fundamentals</i> , 2013, 64, 480-495.	0.9	29
8	Thermal optimization of combined heat and power (CHP) systems using nanofluids. <i>Energy</i> , 2012, 44, 241-247.	8.8	28
9	A comprehensive empirical, analytical and tomographic investigation on rheology and formation damage behavior of a novel nano-modified invert emulsion drilling fluid. <i>Journal of Petroleum Science and Engineering</i> , 2019, 181, 106257.	4.2	26
10	Surface modification of carbon nanotube: Effects on pulsating heat pipe heat transfer. <i>Chemical Engineering Research and Design</i> , 2019, 152, 30-37.	5.6	22
11	Potent in vitro antileishmanial activity of a nanoformulation of cisplatin with carbon nanotubes against <i>Leishmania major</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2019, 16, 11-16.	2.2	20
12	Experimental investigation of thermal conductivity of medical nanofluids based on functionalised single-walled carbon nanotube and conjugated cisplatin. <i>Micro and Nano Letters</i> , 2015, 10, 241-247.	1.3	16
13	Investigation of different methods for cisplatin loading using single-walled carbon nanotube. <i>Chemical Engineering Research and Design</i> , 2016, 112, 56-63.	5.6	15
14	Microwave functionalized single-walled carbon nanotube as nanocarrier for the delivery of anticancer drug cisplatin: in vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2014, 24, 572-578.	3.0	14
15	Microwave pressure sensor based on transmission response of a quarter-wavelength single stub microstrip line. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 2821-2825.	1.4	8
16	Carbon nanotube nanofluid for the efficiency improvement in a CHP system: simulation and experimental investigation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 489-499.	3.6	5
17	Physical and chemical surface modification of carbon nanotubes for adsorptive desulfurization of aromatic impurities in diesel fuel. <i>Environmental Science and Pollution Research</i> , 2022, 29, 33558-33571.	5.3	4