Zoha Azizi

List of Publications by Year
in descending order

19	792	1163117 8	839539 18
papers	citations	h-index	g-index

19	19	19	945
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dimethyl ether: A review of technologies and production challenges. Chemical Engineering and Processing: Process Intensification, 2014, 82, 150-172.	3.6	397
2	Convective heat transfer of Cuâ€“water nanofluid in a cylindrical microchannel heat sink. Energy Conversion and Management, 2015, 101, 515-524.	9.2	125
3	Thermal performance and friction factor of a cylindrical microchannel heat sink cooled by Cu-water nanofluid. Applied Thermal Engineering, 2016, 99, 970-978.	6.0	97
4	Experimental investigation of heat transfer enhancement using ionic liquid-Al2O3 hybrid nanofluid in a cylindrical microchannel heat sink. Applied Thermal Engineering, 2021, 191, 116879.	6.0	40
5	Prediction of enhancement factor for mass transfer coefficient in regular packed liquidâ€“liquid extraction columns. Canadian Journal of Chemical Engineering, 2011, 89, 508-519.	1.7	31
6	Highly stable copper/carbon dot nanofluid. Journal of Thermal Analysis and Calorimetry, 2018, 133, 951-960.	3.6	14
7	Optimization of the thermal performance of nano-encapsulated phase change material slurry in double pipe heat exchanger: Design of experiments using response surface methodology (RSM). Journal of Building Engineering, 2021, 34, 101929.	3.4	14
8	Experimental study of extraction fraction and mass transfer coefficient in a microchannel using butyl acetate/acetic acid/water chemical system. Journal of Thermal Analysis and Calorimetry, 2018, 133, 945-950.	3.6	12
9	Experimental investigation of the particle size effect on heat transfer coefficient of Al2O3 nanofluid in a cylindrical microchannel heat sink. Journal of Thermal Analysis and Calorimetry, 2020, 141, 957-967.	3.6	12
10	Effects of catalyst preparation methods on the performance of La2MMnO6 (M=Co, Ni) double perovskites in catalytic combustion of propane. Korean Journal of Chemical Engineering, 2022, 39, 586-595.	2.7	9
11	Effective diffusivity in a structured packed column: Experimental and Sherwood number correlating study. Chemical Engineering Research and Design, 2014, 92, 43-53.	5.6	7
12	Packing effect on mass transfer and hydrodynamics of rising toluene drops in stagnant liquid. Chemical Engineering Research and Design, 2016, 115, 44-52.	5.6	7
13	Experimental study and thermodynamic modelling of ethylene absorption in N-methyl-2-pyrrolidone (NMP). Applied Petrochemical Research, 2020, 10, 95-105.	1.3	6
14	Experimental investigation of terminal velocity and Sherwood number of rising droplet in an extraction column. Heat and Mass Transfer, 2017, 53, 3027-3035.	2.1	5
15	Investigation of the impact of synthesized hydrophobic magnetite nanoparticles on mass transfer and hydrodynamics of stagnant and stirred liquidâ€“liquid extraction systems. Chemical Engineering Research and Design, 2019, 147, 305-318.	5.6	5
16	Design-expert aided thermohydraulic assessment of a nanofluid-cooled cylindrical microchannel heat sink: Possible application for thermal management of electric vehicle batteries. Sustainable Energy Technologies and Assessments, 2022, 50, 101876.	2.7	5
17	Intensification of ethylene and ethane absorption in N-methyl-2-pyrrolidone (NMP) by adding silver nanoparticles. Chemical Engineering and Processing: Process Intensification, 2020, 158, 108184.	3.6	3
18	Solubility of ethylene in N-methyl-2-pyrrolidone: Experimental study and estimation of UNIQUAC activity model parameters. Korean Journal of Chemical Engineering, 2021, 38, 852-861.	2.7	2

#	Article	IF	Citations
19	Estimation of binary interaction parameters of different equations of state using ethane experimental solubility data in N-methyl-2-pyrrolidone (NMP) solvent. Chemical Papers, 2022, 76, 1789-1801.	2.2	1