# 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Experimental study and thermodynamic modelling of ethylene absorption in N-methyl-2-pyrrolidone (NMP). Applied Petrochemical Research, 2020, 10, 95-105. | 1.3 | 6 |
| 10 | 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 |
| 11 | Highly stable copper/carbon dot nanofluid. Journal of Thermal Analysis and Calorimetry, 2018, 133, 951-960. | 3.6 | 14 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Convective heat transfer of Cuâ€“water nanofluid in a cylindrical microchannel heat sink. Energy Conversion and Management, 2015, 101, 515-524. | 9.2 | 125 |
| 17 | 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 |
| 18 | Dimethyl ether: A review of technologies and production challenges. Chemical Engineering and Processing: Process Intensification, 2014, 82, 150-172. | 3.6 | 397 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |