Seyedeh-Saba Ashrafmansouri

List of Publications by Year
in descending order

12 papers	458 citations	1040056 9 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	506 citing authors

#	Article	IF	Citations
1	Mass transfer in nanofluids: A review. International Journal of Thermal Sciences, 2014, 82, 84-99.	4.9	140
2	Theoretical and experimental investigation on internal reflectors in a single-slope solar still. Applied Energy, 2016, 165, 537-547.	10.1	88
3	Optimization of geometrical dimensions of single-slope basin-type solar stills. Desalination, 2017, 424, 159-168.	8.2	49
4	The influence of silica nanoparticles on hydrodynamics and mass transfer in spray liquid–liquid extraction column. Separation and Purification Technology, 2015, 151, 74-81.	7.9	39
5	Modeling gas solubility in ionic liquids with the SAFT-γ group contribution method. Journal of Supercritical Fluids, 2012, 63, 81-91.	3.2	37
6	Mass transfer into/from nanofluid drops in a spray liquid–liquid extraction column. AICHE Journal, 2016, 62, 852-860.	3.6	33
7	Experimental investigation of water self-diffusion coefficient and tracer diffusion coefficient of tert-butanol in water-based silica nanofluids. International Journal of Thermal Sciences, 2014, 86, 166-174.	4.9	26
8	Critical properties and acentric factors of ionic liquids. Korean Journal of Chemical Engineering, 2013, 30, 187-193.	2.7	25
9	Influence of silica nanoparticles on mass transfer in a membrane-based micro-contactor. RSC Advances, 2016, 6, 19089-19097.	3.6	16
10	Extension of SAFT-γ to model the phase behavior of CO2+ionic liquid systems. Fluid Phase Equilibria, 2021, 538, 113026.	2.5	2
11	Modeling the density and the second-order thermodynamic derivative properties of imidazolium-, cyano-based ionic liquids using the SAFT-γ EoS. Fluid Phase Equilibria, 2021, 548, 113190.	2.5	2
12	Influence of Silica Nanoparticles on Mass Diffusion in a Membrane-Based Microcontactor. Chemie-Ingenieur-Technik, 2015, 87, 1054-1054.	0.8	1