

Seyed Mostafa Nowee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7297808/publications.pdf>

Version: 2024-02-01

22
papers

881
citations

687363

13
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat transfer enhancement using Al ₂ O ₃ /water nanofluid in a two-phase closed thermosyphon. International Journal of Heat and Fluid Flow, 2009, 30, 700-705.	2.4	222
2	Antisolvent crystallization: Model identification, experimental validation and dynamic simulation. Chemical Engineering Science, 2008, 63, 5457-5467.	3.8	109
3	Application of heat pipe in an experimental investigation on a novel photovoltaic/thermal (PV/T) system. Solar Energy, 2014, 107, 82-88.	6.1	102
4	Experimental study of using Al ₂ O ₃ /methanol nanofluid in a two phase closed thermosyphon (TPCT) array as a novel photovoltaic/thermal system. Solar Energy, 2018, 164, 243-250.	6.1	59
5	Evaluation of mechanical vapor recompression crystallization process for treatment of high salinity wastewater. Chemical Engineering and Processing: Process Intensification, 2019, 145, 107682.	3.6	54
6	Model-Based Optimal Strategies for Controlling Particle Size in Antisolvent Crystallization Operations. Crystal Growth and Design, 2008, 8, 2698-2706.	3.0	53
7	Optimization in seeded cooling crystallization: A parameter estimation and dynamic optimization study. Chemical Engineering and Processing: Process Intensification, 2007, 46, 1096-1106.	3.6	50
8	Synergetic combination of 1D-2D g-C ₃ N ₄ heterojunction nanophotocatalyst for hydrogen production via water splitting under visible light irradiation. Renewable Energy, 2018, 127, 433-443.	8.9	46
9	A new nanostructured material amino functionalized mesoporous silica synthesized via co-condensation method for Pb(II) and Ni(II) ion sorption from aqueous solution. Hydrometallurgy, 2016, 161, 117-126.	4.3	43
10	Gas-Antisolvent (GAS) Crystallization of Aspirin Using Supercritical Carbon Dioxide: Experimental Study and Characterization. Industrial & Engineering Chemistry Research, 2015, 54, 3685-3696.	3.7	27
11	Sonoprecipitation fabrication of enhanced electron transfer Cu(OH) ₂ /g-C ₃ N ₄ nanophotocatalyst with promoted H ₂ -Production activity under visible light irradiation. Renewable Energy, 2020, 150, 91-100.	8.9	20
12	Numerical simulation and theoretical investigation of a multi-cycle dual-evaporator adsorption desalination and cooling system. Chemical Engineering Research and Design, 2020, 156, 402-413.	5.6	20
13	Performance enhancement of an experimental air conditioning system by using TiO ₂ /methanol nanofluid in heat pipe heat exchangers. Heat and Mass Transfer, 2016, 52, 1025-1035.	2.1	18
14	Hybrid coagulation/ozonation treatment of pharmaceutical wastewater using ferric chloride, polyaluminum chloride and ozone. International Journal of Environmental Science and Technology, 2016, 13, 1443-1452.	3.5	12
15	Comparative study on adsorption of chromium(VI) from industrial wastewater onto nature-derived adsorbents (brown coal and zeolite). International Journal of Environmental Science and Technology, 2018, 15, 1509-1520.	3.5	11
16	Modeling and simulation of phenol removal from wastewater using a membrane contactor as a bioreactor. Applied Mathematical Modelling, 2017, 42, 300-314.	4.2	10
17	Preparation and characterization of absorbing tubes with spectrally selective coatings using economical methods for low- to mid-temperature solar thermal collectors. Solar Energy Materials and Solar Cells, 2015, 141, 57-70.	6.2	9
18	Gas anti-solvent coprecipitation of pyrazinamide-PVP composite particles from mixed organic solvents using supercritical CO ₂ : Effect of process parameters. Journal of Supercritical Fluids, 2021, 178, 105386.	3.2	8

#	ARTICLE	IF	CITATIONS
19	A kinetic modeling of particle formation by gas antisolvent process: Precipitation of aspirin. Journal of Dispersion Science and Technology, 2017, 38, 677-685.	2.4	5
20	Model-based optimization for operational policies in seeded cooling crystallization. Computer Aided Chemical Engineering, 2006, 21, 1347-1352.	0.5	1
21	OPTIMAL STRATEGIES FOR CONTROLLING PARTICLE SIZE IN ANTISOLVENT CRYSTALLIZATION OPERATIONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 177-182.	0.4	1
22	Optimal strategies for supercritical gas antisolvent (GAS) coprecipitation of pyrazinamide/PVP particles via response surface methodology. Korean Journal of Chemical Engineering, 2022, 39, 2307-2317.	2.7	1