

Hassan Hashemipour

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

340
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of potential anti-RNA-dependent RNA polymerase (RdRP) drugs against the newly emerged model of COVID-19 RdRP using computational methods. <i>Biophysical Chemistry</i> , 2021, 272, 106564.	2.8	49
2	Preparation and optimization of novel graphene oxide and adsorption isotherm study of methylene blue. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103003.	4.9	45
3	Experimental and modeling investigation of adsorption equilibrium of CH ₄ , CO ₂ , and N ₂ on activated carbon and prediction of multi-component adsorption equilibrium. <i>Fluid Phase Equilibria</i> , 2020, 508, 112433.	2.5	38
4	Synthesis of modified chitosan TiO ₂ and SiO ₂ hydrogel nanocomposites for cadmium removal. <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101283.	5.2	31
5	A novel approach to predict drugs solubility in supercritical solvents for RESS process using various cubic EoS-mixing rule. <i>Journal of Molecular Liquids</i> , 2018, 261, 174-188.	4.9	30
6	Recent advances in Bio-conjugated nanocarriers for crossing the Blood-Brain Barrier in (pre-)clinical studies with an emphasis on vesicles. <i>Journal of Controlled Release</i> , 2022, 343, 777-797.	9.9	23
7	Population balance modeling: application in nanoparticle formation through rapid expansion of supercritical solution. <i>Computational Particle Mechanics</i> , 2019, 6, 721-737.	3.0	22
8	Investigation on hydrodynamic and formation of nano particle by RESS process: The numerical study. <i>Journal of Molecular Liquids</i> , 2019, 281, 490-505.	4.9	22
9	Synthesis, characterization and absorption study of chitosan-g-poly(acrylamide-co-itaconic acid) hydrogel. <i>Polymer Bulletin</i> , 2021, 78, 1887-1907.	3.3	22
10	Preparation of nano-micelles of meloxicam for transdermal drug delivery and simulation of drug release: A computational supported experimental study. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 3428-3436.	1.7	16
11	Particle size design of acetaminophen using supercritical carbon dioxide to improve drug delivery: Experimental and modeling. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106384.	6.7	14
12	Numerical solution of particle size distribution equation: Rapid expansion of supercritical solution (RESS) process. <i>Particuology</i> , 2021, 57, 201-213.	3.6	13
13	Experimental and modeling study on production of activated carbon from pistachio shells in rotary reactor. <i>Research on Chemical Intermediates</i> , 2014, 40, 509-521.	2.7	7
14	Determination of Kinetic and Equilibrium Parameters of Chromium Adsorption from Water with Carbon Nanotube Using Genetic Programming. <i>Applied Artificial Intelligence</i> , 2018, 32, 335-343.	3.2	3
15	Modifying GMA equation of state for description of (P, ρ , T) relation of gas and liquids over an extended pressure range. <i>Korean Journal of Chemical Engineering</i> , 2011, 28, 939-948.	2.7	2
16	Syngas production through methane oxy-steam reforming over a Ni/SiO ₂ nanocatalyst prepared by a modified impregnation method. <i>Micro and Nano Letters</i> , 2016, 11, 890-895.	1.3	2
17	Investigation on effects of operating conditions in combined activation of char to develop the pore structure. <i>Research on Chemical Intermediates</i> , 2017, 43, 1513-1527.	2.7	1