

Nafiseh Farhadian

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

609
citations

623574

14
h-index

642610

23
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41
all docs

41
docs citations

41
times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the efficacy of extracted squalene from seed oil in the form of microemulsion for the treatment of COVID-19: A clinical study. <i>Journal of Medical Virology</i> , 2022, 94, 119-130.	2.5	13
2	Data-driven modelling and optimization of hydrogen adsorption on carbon nanostructures. <i>International Journal of Hydrogen Energy</i> , 2022, , .	3.8	1
3	Preparation a <sc>core-êshell</sc> lipid/polymer nanoparticle containing Isotretinoin drug with <sc>pH</sc> sensitive property: A response surface methodology study. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50734.	1.3	4
4	Enhanced antibacterial activity of uniform and stable chitosan nanoparticles containing metronidazole against anaerobic bacterium of <i>Bacteroides fragilis</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111691.	2.5	17
5	Ceftriaxone sodium loaded onto polymer-lipid hybrid nanoparticles enhances antibacterial effect on gram-negative and gram-positive bacteria: Effects of lipid - polymer ratio on particles size, characteristics, in vitro drug release and antibacterial drug efficacy. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102457.	1.4	5
6	Enhanced stability of salt-assisted sodium ceftriaxone-loaded chitosan nanoparticles: Formulation and optimization by 32-full factorial design and antibacterial effect study against aerobic and anaerobic bacteria. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 618, 126429.	2.3	5
7	Experimental study and mathematical modeling for encapsulation of fentanyl citrate drug in nanostructured lipid carrier. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1263-1271.	2.0	10
8	A safe and efficient method for encapsulation of ferrous sulfate in solid lipid nanoparticle for non-oxidation and sustained iron delivery. <i>Colloids and Interface Science Communications</i> , 2020, 34, 100227.	2.0	24
9	<p>Improvement of Pain Relief of Fentanyl Citrate Drug Encapsulated in Nanostructured Lipid Carrier: Drug Formulation, Parameter Optimization, in vitro and in vivo Studies</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 2033-2045.	2.0	7
10	Enhanced delivery of melatonin loaded nanostructured lipid carriers during <i>in vitro</i> fertilization: NLC formulation, optimization and IVF efficacy. <i>RSC Advances</i> , 2020, 10, 9462-9475.	1.7	26
11	Enhanced bactericidal effect of ceftriaxone drug encapsulated in nanostructured lipid carrier against gram-negative <i>Escherichia coli</i> bacteria: drug formulation, optimization, and cell culture study. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 28.	1.5	32
12	Improvement of hydrogen storage capacity on the palladium-decorated N-doped graphene sheets as a novel adsorbent: A hybrid MD-GCMC simulation study. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 13655-13665.	3.8	17
13	Formulation, clinical and histopathological assessment of microemulsion based hydrogel for UV protection of skin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 179, 393-404.	2.5	27
14	Prediction of chlortetracycline adsorption on the Fe₃O₄ nanoparticle using molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3616-3626.	2.0	9
15	Data for exploring the effect of parameters on decomposition of gas hydrate structure I. <i>Data in Brief</i> , 2018, 18, 1247-1251.	0.5	1
16	Co-doped graphene sheets as a novel adsorbent for hydrogen storage: DFT and DFT-D3 correction dispersion study. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 8355-8364.	3.8	100
17	Exploring the effect of important parameters on decomposition of gas hydrate structure I: A molecular dynamics simulation study. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 52, 1-12.	2.1	12
18	Improvement of amoxicillin removal from aqueous environment by applying functionalized carbon nanotube. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2231-2242.	1.2	3

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19	A novel method for squalene extraction from pumpkin seed oil using magnetic nanoparticles and exploring the inhibition effect of extracted squalene on angiogenesis property. Journal of the Taiwan Institute of Chemical Engineers, 2018, 91, 1-9.	2.7	14
20	Synthesis, characterization and cellular cytotoxicity evaluation of a new magnetic nanoparticle carrier co-functionalized with amine and folic acid. Journal of Drug Delivery Science and Technology, 2017, 38, 116-124.	1.4	7
21	Preparation, characterization and <i>in vitro</i> evaluation of microemulsion of raloxifene hydrochloride. Drug Development and Industrial Pharmacy, 2017, 43, 1619-1625.	0.9	22
22	A novel experimental method for adsorption of fatty acids from pumpkin seed oil in the presence of iron oxide nanoparticles: Experimental and SA $\hat{=}$ LOOCV $\hat{=}$ GRBF mathematical modeling. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 528, 30-40.	2.3	9
23	Improvement of methane uptake inside graphene sheets using nitrogen, boron and lithium-doped structures: A hybrid molecular simulation. Korean Journal of Chemical Engineering, 2017, 34, 876-884.	1.2	8
24	Improvement of methane storage in nitrogen, boron and lithium doped pillared graphene: A hybrid molecular simulation. Journal of Natural Gas Science and Engineering, 2017, 46, 265-274.	2.1	10
25	Preparation, characterization and in-vivo evaluation of microemulsions containing tamoxifen citrate anti-cancer drug. European Journal of Pharmaceutical Sciences, 2017, 96, 479-489.	1.9	53
26	Co-encapsulation of tamoxifen citrate and quercetin using 2HP- $\hat{2}$ -cyclodextrin: a response surface experimental design. RSC Advances, 2016, 6, 111517-111525.	1.7	10
27	A comparative theoretical study of methane adsorption on the nitrogen, boron and lithium doped graphene sheets including density functional dispersion correction. Computational and Theoretical Chemistry, 2016, 1084, 43-50.	1.1	25
28	Molecular dynamics simulation of doxorubicin adsorption on a bundle of functionalized CNT. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1797-1805.	2.0	24
29	Molecular dynamics simulation of lithium ion diffusion in LiCoO ₂ cathode material. Solid State Ionics, 2015, 280, 10-17.	1.3	30
30	Hybrid molecular simulation of methane storage inside pillared graphene. Journal of Chemical Physics, 2015, 142, 234704.	1.2	28
31	Molecular dynamics simulation of carbon molecular sieve preparation for air separation. Korean Journal of Chemical Engineering, 2015, 32, 494-500.	1.2	5
32	Selective adsorption of metoprolol enantiomers using 2- $\hat{2}$ -hydroxypropyl- $\hat{2}$ -cyclodextrin cross-linked multiwalled carbon nanotube. Biomedical Chromatography, 2015, 29, 366-372.	0.8	14
33	Investigating the physicochemical and transport properties of LiTFA ionic liquids by molecular dynamics simulation. Solid State Ionics, 2014, 268, 162-168.	1.3	6
34	Investigating the interactions of the enantiomers of phenylglycine with nanopores of ZSM-5 zeolite. Journal of Chemical Sciences, 2014, 126, 569-578.	0.7	0
35	Multiple hydrocarbon charging events in \hat{K} - \hat{M} oil field, \hat{C} - \hat{F} basins: evidence from biomarkers in oil inclusions. Geofluids, 2013, 13, 594-609.	0.3	5
36	Heteropolyacids: An Efficient Catalyst for Synthesis of CL-20. Journal of Energetic Materials, 2012, 30, 124-134.	1.0	19

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37	Glycine Amino Acid Transport inside the Nanopores of Lysozyme Protein Crystal. Chemistry Letters, 2011, 40, 1420-1422.	0.7	2
38	Molecular Dynamics Simulation of Water and Ions in Nanopores of Lysozyme Protein Crystal. International Journal of Chemical Reactor Engineering, 2011, 9, .	0.6	1
39	Coarse-Grained Molecular Dynamics Simulation of Lysozyme Protein Crystals. Chemical Product and Process Modeling, 2011, 6, .	0.5	1
40	A Mimetic Amorphous Active Carbon Model Using Molecular Dynamics Simulation. Advanced Materials Research, 0, 829, 199-203.	0.3	0
41	Removal of tetracycline antibiotic from aqueous environments using core-shell silica magnetic nanoparticles. , 0, 87, 348-357.		3