

Anahita Fathi-Azarbayjani

List of Publications by Year in descending order

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34
papers

781
citations

471061

17
h-index

525886

27
g-index

34
all docs

34
docs citations

34
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Vitamin and Gold-Loaded Nanofiber Facial Mask for Topical Delivery. <i>AAPS PharmSciTech</i> , 2010, 11, 1164-1170.	1.5	102
2	Measurement and correlation of deferiprone solubility: Investigation of solubility parameter and application of van't Hoff equation and Jouyban-Acree model. <i>Journal of Molecular Liquids</i> , 2016, 215, 339-344.	2.3	68
3	Impact of Surface Tension in Pharmaceutical Sciences. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2009, 12, 218.	0.9	62
4	Smart Polymeric Nanofibers for Topical Delivery of Levothyroxine. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010, 13, 400.	0.9	44
5	Surface Tension Calculation of Mixed Solvents with Respect to Solvent Composition and Temperature by Using Jouyban-Acree Model. <i>Chemical and Pharmaceutical Bulletin</i> , 2004, 52, 1219-1222.	0.6	40
6	Surface tension in human pathophysiology and its application as a medical diagnostic tool. <i>BiolImpacts</i> , 2015, 5, 29-44.	0.7	38
7	Solubility and thermodynamic parameters of a novel anti-cancer drug (DHP-5) in polyethylene glycol 400 + water mixtures. <i>Journal of Molecular Liquids</i> , 2017, 229, 241-245.	2.3	36
8	Surface tension and wettability in transdermal delivery: a study on the in-vitro permeation of haloperidol with cyclodextrin across human epidermis. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 770-778.	1.2	33
9	Fabrication and characterization of tretinoin-loaded nanofiber for topical skin delivery. <i>Biomaterials Research</i> , 2020, 24, 8.	3.2	30
10	Single and Multi-Layered Nanofibers for Rapid and Controlled Drug Delivery. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 143-146.	0.6	29
11	Therapeutic effects of curcumin and ursodexycolic acid on non-alcoholic fatty liver disease. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108938.	2.5	28
12	Cytotoxic effects of the newly-developed chemotherapeutic agents 17-AAG in combination with oxaliplatin and capecitabine in colorectal cancer cell lines. <i>Research in Pharmaceutical Sciences</i> , 2017, 12, 517.	0.6	28
13	Solubilization of bosentan using ethanol as a pharmaceutical cosolvent. <i>Journal of Molecular Liquids</i> , 2017, 232, 152-158.	2.3	24
14	Transdermal Delivery of Haloperidol by Proniosomal Formulations with Non-ionic Surfactants. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1453-1458.	0.6	23
15	A molecular basis for the synergy between 17 α -allylamino-17 β -demethoxy geldanamycin with Capecitabine and Irinotecan in human colorectal cancer cells through VEGF and MMP-9 gene expression. <i>Gene</i> , 2019, 684, 30-38.	1.0	23
16	Experimental Solubility and Density Functional Theory Studies of Deferasirox in Binary Solvent Mixtures: Performance of Polarizable Continuum Model and Jouyban-Acree Model. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2273-2279.	1.0	20
17	Development and characterization of skin permeation retardants and enhancers: A comparative study of levothyroxine-loaded PNIPAM, PLA, PLGA and EC microparticles. <i>Biopharmaceutics and Drug Disposition</i> , 2011, 32, 380-388.	1.1	19
18	Artemisinin-loaded niosome and pegylated niosome: physico-chemical characterization and effects on MCF-7 cell proliferation. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 251-256.	2.7	17

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19	Lipid Vesicles for the Skin Delivery of Diclofenac: Cerosomes vs. Other Lipid Suspensions. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 25-33.	0.6	17
20	Electrospun wound dressing as a promising tool for the therapeutic delivery of ascorbic acid and caffeine. <i>Therapeutic Delivery</i> , 2019, 10, 757-767.	1.2	16
21	Ascorbic Acid for the Safe Use of a Sunscreen Agent: Accumulation of Nano Zinc Oxide and Titanium Dioxide on the Skin. <i>Scientia Pharmaceutica</i> , 2013, 81, 1141-1150.	0.7	13
22	Co-solubilization of Lamotrigine by Complexation and Micellization in Binary Solvent Mixtures. <i>Chemical Engineering Research and Design</i> , 2016, 105, 64-70.	2.7	12
23	Modeling, solubility, and thermodynamic aspects of sodium phenytoin in propylene glycol-water mixtures. <i>Journal of Molecular Liquids</i> , 2016, 219, 68-73.	2.3	11
24	Thermodynamic solubility and density of sildenafil citrate in ethanol and water mixtures: Measurement and correlation at various temperatures. <i>Journal of Molecular Liquids</i> , 2017, 225, 631-635.	2.3	11
25	Dihydropyrimidine Dehydrogenase Levels in Colorectal Cancer Cells Treated with a Combination of Heat Shock Protein 90 Inhibitor and Oxaliplatin or Capecitabine. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 439-444.	0.6	11
26	Application of Abraham solvation parameters for surface tension prediction of mono-solvents and solvent mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2013, 178, 44-56.	2.3	7
27	Concentration profile of tobramycin in exhaled breath condensate after inhalation of a single dose: A pilot study. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102394.	1.4	6
28	Development and characterization of hydroquinone-loaded nanofiber for topical delivery: effect of chitosan. <i>International Journal of Polymer Analysis and Characterization</i> , 2019, 24, 227-235.	0.9	4
29	Modeling the retention behavior of analytes in RPLC with mixed solvent mobile phases using Jouyban-Acree and Abraham models. <i>Analytical Methods</i> , 2010, 2, 1286.	1.3	3
30	Non-electrostatic energies as a metric for prediction of deferasirox solubility in binary solvent mixtures: Polarized Continuum Model tactic. <i>Journal of Molecular Liquids</i> , 2021, 339, 115791.	2.3	3
31	New approach to treat methicillin resistant <i>Staphylococcus aureus</i> with the application of boric acid. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 103006.	1.4	2
32	Solubilisation of dexamethasone: experimental data, co-solvency and Polarised Continuum Modelling. <i>Physics and Chemistry of Liquids</i> , 2020, , 1-10.	0.4	1
33	Application of Polarisable Continuum Modelling to assess Minoxidil solubility in mixed solvents. <i>Physics and Chemistry of Liquids</i> , 0, , 1-10.	0.4	0
34	The effect of cosolvents and surfactants on the solubility of sulfasalazine. <i>Physics and Chemistry of Liquids</i> , 0, , 1-9.	0.4	0