

Ali Shayanfar

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98
papers

1,535
citations

22
h-index

36
g-index

108
ext. papers

1,757
ext. citations

3.1
avg, IF

5.26
L-index

#	Paper	IF	Citations
98	Solubility of Carvedilol in Ethanol + Propylene Glycol Mixtures at Various Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16630-16636	3.9	180
97	Review of pharmaceutical applications of N-methyl-2-pyrrolidone. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010 , 13, 524-35	3.4	103
96	Effect of choline chloride/ethylene glycol or glycerol as deep eutectic solvents on the solubility and thermodynamic properties of acetaminophen. <i>Journal of Molecular Liquids</i> , 2018 , 249, 1222-1235	6	76
95	Deep eutectic solvents for pharmaceutical formulation and drug delivery applications. <i>Pharmaceutical Development and Technology</i> , 2020 , 25, 779-796	3.4	53
94	Solubility prediction of polycyclic aromatic hydrocarbons in non-aqueous solvent mixtures. <i>Fluid Phase Equilibria</i> , 2010 , 293, 47-58	2.5	50
93	Silibinin sensitizes chemo-resistant breast cancer cells to chemotherapy. <i>Pharmaceutical Biology</i> , 2017 , 55, 729-739	3.8	48
92	Solubility prediction of drugs in mixed solvents using partial solubility parameters. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 4368-82	3.9	46
91	Solubility and dissolution rate of a carbamazepine-cinnamic acid cocrystal. <i>Journal of Molecular Liquids</i> , 2013 , 187, 171-176	6	42
90	Drug-Drug Coamorphous Systems: Characterization and Physicochemical Properties of Coamorphous Atorvastatin with Carvedilol and Glibenclamide. <i>Journal of Pharmaceutical Innovation</i> , 2013 , 8, 218-228	1.8	42
89	Solubility of carbamazepine, nicotinamide and carbamazepine-nicotinamide cocrystal in ethanol-water mixtures. <i>Fluid Phase Equilibria</i> , 2014 , 363, 97-105	2.5	40
88	Coamorphous atorvastatin calcium to improve its physicochemical and pharmacokinetic properties. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013 , 16, 577-87	3.4	39
87	Is regression through origin useful in external validation of QSAR models?. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 59, 31-5	5.1	37
86	Solubility of Lamotrigine, Diazepam, and Clonazepam in Ethanol + Water Mixtures at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1107-1109	2.8	36
85	Generally trained models to predict solubility of drugs in carbitol + water mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2016 , 219, 435-438	6	36
84	Solubility of Lamotrigine, Diazepam, Clonazepam, and Phenobarbital in Propylene Glycol + Water Mixtures at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1153-1157	2.8	35
83	Thermodynamic Solubility Profile of Carbamazepine-Cinnamic Acid Cocrystal at Different pH. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2559-65	3.9	29
82	Preparation and in vitro Evaluation of Linear and Star-branched PLGA Nanoparticles for Insulin Delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2008 , 23, 115-131	2	29

81	Thermodynamic studies of fluphenazine decanoate solubility in propylene glycol+water mixtures and correlation with the Jouyban-Acree model. <i>Fluid Phase Equilibria</i> , 2011 , 308, 72-77	2.5	27
80	Solubility of Clonazepam, Diazepam, Lamotrigine, and Phenobarbital in N-Methyl-2-pyrrolidone + Water Mixtures at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 2964-2966	2.8	26
79	Solubility of celecoxib in N-methyl-2-pyrrolidone+water mixtures at various temperatures: Experimental data and thermodynamic analysis. <i>Korean Journal of Chemical Engineering</i> , 2017 , 34, 1435-1443	2.8	25
78	Physicochemical characterization of a new cocrystal of ketoconazole. <i>Powder Technology</i> , 2014 , 262, 242-248	5.2	25
77	Solubility of Anthracene and Phenanthrene in Ethanol + 2,2,4-Trimethylpentane Mixtures at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2290-2294	2.8	25
76	Generally trained models to predict drug solubility in N-methyl-2-pyrrolidone + water mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2018 , 254, 34-38	6	22
75	Solubilization of drugs using sodium lauryl sulfate: Experimental data and modeling. <i>Journal of Molecular Liquids</i> , 2018 , 268, 410-414	6	22
74	QSBR study of bitter taste of peptides: application of GA-PLS in combination with MLR, SVM, and ANN approaches. <i>BioMed Research International</i> , 2013 , 2013, 501310	3	20
73	Measurement and correlation of clotrimazole solubility in ethanol + water mixtures at T = (293.2 to 313.2) K. <i>Journal of Molecular Liquids</i> , 2018 , 256, 527-532	6	18
72	Solubility prediction of pharmaceuticals in dioxane+water mixtures at various temperatures: Effects of different descriptors and feature selection methods. <i>Journal of Molecular Liquids</i> , 2014 , 195, 125-131	6	17
71	Extraction and Analysis of Methadone in Exhaled Breath Condensate Using a Validated LC-UV Method. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015 , 18, 207-19	3.4	17
70	Determination of Enrofloxacin in Milk Samples Using Silver Nanoparticle Enhanced Terbium-Sensitized Fluorescence Method. <i>Food Analytical Methods</i> , 2017 , 10, 3607-3614	3.4	16
69	An automated system for determining drug solubility based on laser monitoring technique. <i>Journal of the Association for Laboratory Automation</i> , 2015 , 20, 3-9		15
68	Analysis of deferiprone in exhaled breath condensate using silver nanoparticle-enhanced terbium fluorescence. <i>Analytical Methods</i> , 2017 , 9, 5640-5645	3.2	15
67	A simple QSPR model to predict aqueous solubility of drugs. <i>Journal of Drug Delivery Science and Technology</i> , 2010 , 20, 467-476	4.5	14
66	Ketoconazole ionic liquids with citric and tartaric acid: Synthesis, characterization and solubility study. <i>Fluid Phase Equilibria</i> , 2016 , 425, 108-113	2.5	13
65	Preferential solvation of some antiepileptic drugs in {cosolvent (1) + water (2)} mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 646-659	1.5	12
64	Solubility of celecoxib in N -methyl-2-pyrrolidone + 2-propanol mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2017 , 241, 1032-1037	6	11

63	Are Crystallinity Parameters Critical for Drug Solubility Prediction?. <i>Journal of Solution Chemistry</i> , 2015 , 44, 2297-2315	1.8	11
62	Solubility of Anthracene in Ternary Solvent Mixtures of 2,2,4-Trimethylpentane + 2-Propanone + Alcohols at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 890-893	2.8	11
61	Design and characterization of ascorbic acid based therapeutic deep eutectic solvent as a new ion-gel for delivery of sunitinib malate. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 56, 101512-15	4.5	11
60	Solubility of bosentan in {propylene glycol + water} mixtures at various temperatures: experimental data and mathematical modelling. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 338-348	1.5	11
59	New aspects of deep eutectic solvents: extraction, pharmaceutical applications, as catalyst and gas capture. <i>Chemical Papers</i> , 2021 , 75, 439-453	1.9	11
58	Solubility of sildenafil citrate in polyethylene glycol 400 + water mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2017 , 240, 268-272	6	9
57	Development of a Terbium-Sensitized Fluorescence Method for Analysis of Silibinin. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 686-691	1.7	9
56	Naphthalene Solubility in Binary Solvent Mixtures of 2,2,4-Trimethylpentane + Alcohols at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 574-577	2.8	9
55	Quantitative structure-activity relationships of imidazole-containing farnesyltransferase inhibitors using different chemometric methods. <i>Medicinal Chemistry</i> , 2013 , 9, 434-48	1.8	9
54	Quantitative structure activity relationship and docking studies of imidazole-based derivatives as P-glycoprotein inhibitors. <i>Medicinal Chemistry Research</i> , 2014 , 23, 4700-4712	2.2	8
53	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	6	8
52	Prediction of blood-brain distribution: effect of ionization. <i>Biological and Pharmaceutical Bulletin</i> , 2011 , 34, 266-71	2.3	8
51	Prediction of Electrophoretic Mobility of Analytes Using Abraham Solvation Parameters by Different Chemometric Methods. <i>Current Analytical Chemistry</i> , 2017 , 13,	1.7	8
50	Poly(ethylene glycol)-poly(E-caprolactone)-based micelles for solubilization and tumor-targeted delivery of silibinin. <i>BiolImpacts</i> , 2020 , 10, 87-95	3.5	8
49	Are LOD and LOQ Reliable Parameters for Sensitivity Evaluation of Spectroscopic Methods?. <i>Journal of AOAC INTERNATIONAL</i> , 2018 , 101, 1212-1213	1.7	8
48	A Fast and Simple Method for Determination of Vitamin E in Infant Formula by Dispersive Liquid-Liquid Microextraction Combined with HPLC-UV. <i>Food Analytical Methods</i> , 2019 , 12, 23-31	3.4	7
47	Modeling the effects of type and concentration of organic modifiers, column type and chemical structure of analytes on the retention in reversed phase liquid chromatography using a single model. <i>Journal of Chromatography A</i> , 2011 , 1218, 6454-63	4.5	7
46	QSPR Modeling using Catalan Solvent and Solute Parameters. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 684-692	1.5	6

45	Solubility Prediction Methods for Drug/Drug Like Molecules. <i>Recent Patents on Chemical Engineering</i> , 2010 , 1, 220-231		6
44	Effects of amount of excess solid, the type of stirring and sedimentation time on solubility of sodium phenytoin and lamotrigine. <i>ADMET and DMPK</i> , 2018 , 6, 269-278	1.3	6
43	Effects of N-methylpyrrolidone and temperature on phenytoin solubility. <i>Journal of Molecular Liquids</i> , 2019 , 285, 58-61	6	5
42	Determination of Mycophenolic Acid in Plasma Samples Using the Terbium-Sensitized Luminescence Method. <i>Journal of Applied Spectroscopy</i> , 2015 , 82, 614-619	0.7	5
41	Prediction of Biopharmaceutical Drug Disposition Classification System (BDDCS) by Structural Parameters. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2019 , 22, 247-269	3.4	5
40	Solubility of Anthracene in C1 α 3 Alcohols from (298.2 to 333.2) K and Their Mixtures with 2-Propanone at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5319-5322	2.8	5
39	Solubility of Phenanthrene in Binary Mixtures of C1 α 4 Alcohols + 2-Propanol and Ethanol + Methanol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1405-1408	2.8	5
38	Solubility of Anthracene in Quaternary Solvent Mixtures of 2,2,4-Trimethylpentane + 2-Propanone + Methanol + Alcohols at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2250-2253	2.8	5
37	The effect of surfactant and polymer on solution stability and solubility of tadalafil-methylparaben cocrystal. <i>Journal of Molecular Liquids</i> , 2019 , 281, 86-92	6	4
36	Coenzyme Q10 in association with metabolism-related AMPK/PFKFB3 and angiogenic VEGF/VEGFR2 genes in breast cancer patients. <i>Molecular Biology Reports</i> , 2020 , 47, 2459-2473	2.8	4
35	Comparison of the Models for Correlation of Drug Solubility in Ethanol + Water Binary Mixtures. <i>Journal of Solution Chemistry</i> , 2019 , 48, 1079-1104	1.8	4
34	Atorvastatin reduces the myocardial content of coenzyme Q10 in isoproterenol-induced heart failure in rats. <i>Drug Research</i> , 2014 , 64, 246-50	1.8	4
33	Salting-out liquid-liquid microextraction to the determination of mycophenolic acid in plasma samples. <i>Chemical Papers</i> , 2020 , 74, 1663-1668	1.9	4
32	Ionic Liquid Forms of Carvedilol: Preparation, Characterization, and Solubility Studies. <i>Journal of Pharmaceutical Innovation</i> , 2019 , 14, 382-390	1.8	4
31	Solubility of sildenafil citrate in propylene glycol + water mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 508-517	1.5	4
30	Image-Based Analysis to Predict the Activity of Tariquidar Analogs as P-Glycoprotein Inhibitors: The Importance of External Validation. <i>Archiv Der Pharmazie</i> , 2016 , 349, 124-31	4.3	3
29	Solubility of Anthracene in Binary and Ternary Mixtures of Cyclohexanone, Ethyl Acetate, and Methanol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2607-2609	2.8	3
28	2D-QSAR study of some 2,5-diaminobenzophenone farnesyltransferase inhibitors by different chemometric methods. <i>EXCLI Journal</i> , 2015 , 14, 484-95	2.4	3

27	Quantitative Structure Activity Relationship (QSAR) of Methylated Polyphenol Derivatives as Permeability Glycoprotein (P-gp) Inhibitors: A Comparison of Different Training and Test Set Selection Methods. <i>Letters in Drug Design and Discovery</i> , 2017 , 14,	0.8	3
26	Determination of Verapamil in Exhaled Breath Condensate by Using Microextraction and Liquid Chromatography. <i>Current Pharmaceutical Analysis</i> , 2019 , 15, 535-541	0.6	3
25	Prediction of the Oral Bioavailability Correlation Between Humans and Preclinical Animals. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2020 , 45, 771-783	2.7	3
24	Developing New Criteria for Validity Evaluation of Analytical Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2019 , 102, 1908-1916	1.7	3
23	The effects of Berberis vulgaris consumption on plasma levels of IGF-1, IGF1BPs, PPAR- α and the expression of angiogenic genes in women with benign breast disease: a randomized controlled clinical trial. <i>BMC Complementary and Alternative Medicine</i> , 2019 , 19, 324	4.7	3
22	Comments on Measurement and correlation of the solubility of estradiol and estradiol-urea co-crystal in fourteen pure solvents at temperatures from 273.15K to 318.15K. <i>Journal of Molecular Liquids</i> , 2020 , 309, 113161	6	3
21	Comments on "Dissolution Enhancement of Atorvastatin Calcium by Cocrystallization". <i>Advanced Pharmaceutical Bulletin</i> , 2021 , 11, 578-579	4.5	2
20	Combination of the Double Log-Log Model with Abraham Solvation Parameters to Predict Solubility of Drugs in Ethanol + Water Mixtures. <i>Journal of Solution Chemistry</i> , 2016 , 45, 1425-1433	1.8	2
19	Developing New Criteria for Validity Evaluation of Analytical Methods. <i>Journal of AOAC INTERNATIONAL</i> , 2019 , 102, 1908-1916	1.7	2
18	Developing an Analytical Method Based on Graphene Quantum Dots for Quantification of Deferiprone in Plasma. <i>Journal of Fluorescence</i> , 2020 , 30, 591-600	2.4	1
17	Cimetidine is critical in CNS disorders. <i>Bioscience Hypotheses</i> , 2009 , 2, 180-181		1
16	Predicting the Drug Clearance Pathway with Structural Descriptors.. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022 , 1	2.7	1
15	Crystal engineering of valproic acid and carbamazepine to improve hygroscopicity and dissolution profile.. <i>Drug Development and Industrial Pharmacy</i> , 2022 , 1-9	3.6	1
14	Development of an HPLC-UV Method for Quantification of Stattic. <i>Current Pharmaceutical Analysis</i> , 2019 , 15, 568-573	0.6	0
13	Development of derivatization/air-assisted liquid-liquid microextraction procedure for analyzing short-chain fatty acids; assessment of the analytes in fruit juice samples. <i>Separation Science Plus</i> , 2021 , 4, 240	1.1	0
12	Developing a high-performance liquid chromatography fast and accurate method for quantification of silibinin. <i>BMC Research Notes</i> , 2019 , 12, 743	2.3	0
11	The effect of different factors on partitioning of propofol between aqueous and organic phases of microemulsions. <i>Journal of Molecular Liquids</i> , 2020 , 308, 113003	6	
10	Prediction of analytes' electrophoretic mobility in mixed solvent buffers using Abraham solvation parameters. <i>Analytical Methods</i> , 2015 , 7, 8123-8128	3.2	

- 9 Acknowledgement of Top Manuscript Reviewers 2018 **2018**, 24, 346-346
- 8 Image-based QSAR Model for the Prediction of P-gp Inhibitory Activity of Epigallocatechin and Galocatechin Derivatives. *Current Computer-Aided Drug Design*, **2019**, 15, 212-224 1.4
- 7 Acknowledgement of Top Manuscript Reviewers (2019) **2020**, 26, 97-98
- 6 Beware of Bar Charts for Plotting Calibration Curves for Analytical Method Development. *Journal of AOAC INTERNATIONAL*, **2020**, 103, 1424-1425 1.7
- 5 Spectrofluorimetric determination of indoxyl sulfate in human plasma after salting-out assisted liquid-liquid extraction. *Chemical Papers*, **2021**, 75, 3505-3511 1.9
- 4 Comments on Solubility measurement and correlation for HNIW-TNT co-crystal in nine pure solvents from t_m (283.15 to 318.15) K *Journal of Molecular Liquids*, **2021**, 340, 117220 6
- 3 Acknowledgement of Top Manuscript Reviewers (2020) **2021**, 27, 147-148
- 2 In silico models to predict tubular secretion or reabsorption clearance pathway using physicochemical properties and structural characteristics.. *Xenobiotica*, **2022**, 1-16 2
- 1 Comments on Solubility measurement and thermodynamic modeling of sertraline hydrochloride and clopidogrel bisulfate in deep eutectic solvent of choline chloride and malonic acid *Journal of Molecular Liquids*, **2022**, 359, 119268 6