Ali Shayanfar

List of Publications by Year
in descending order

103	2,075	236612	264894
papers	citations	25 h-index	42 g-index

108	108	108	1945
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solubility of Carvedilol in Ethanol + Propylene Glycol Mixtures at Various Temperatures. Industrial & Engineering Chemistry Research, 2013, 52, 16630-16636.	1.8	209
2	Review of Pharmaceutical Applications of N-Methyl-2-Pyrrolidone. Journal of Pharmacy and Pharmaceutical Sciences, 2010, 13, 524.	0.9	133
3	Deep eutectic solvents for pharmaceutical formulation and drug delivery applications. Pharmaceutical Development and Technology, 2020, 25, 779-796.	1.1	111
4	Effect of choline chloride/ethylene glycol or glycerol as deep eutectic solvents on the solubility and thermodynamic properties of acetaminophen. Journal of Molecular Liquids, 2018, 249, 1222-1235.	2.3	110
5	Silibinin sensitizes chemo-resistant breast cancer cells to chemotherapy. Pharmaceutical Biology, 2017, 55, 729-739.	1.3	67
6	Drugâ€“Drug Coamorphous Systems: Characterization and Physicochemical Properties of Coamorphous Atorvastatin with Carvedilol and Glibenclamide. Journal of Pharmaceutical Innovation, 2013, 8, 218-228.	1.1	58
7	Solubility prediction of polycyclic aromatic hydrocarbons in non-aqueous solvent mixtures. Fluid Phase Equilibria, 2010, 293, 47-58.	1.4	56
8	Solubility Prediction of Drugs in Mixed Solvents Using Partial Solubility Parameters. Journal of Pharmaceutical Sciences, 2011, 100, 4368-4382.	1.6	53
9	Coamorphous Atorvastatin Calcium to Improve its Physicochemical and Pharmacokinetic Properties. Journal of Pharmacy and Pharmaceutical Sciences, 2013, 16, 577.	0.9	50
10	Solubility of carbamazepine, nicotinamide and carbamazepineâ€“nicotinamide cocrystal in ethanolâ€“water mixtures. Fluid Phase Equilibria, 2014, 363, 97-105.	1.4	50
11	Solubility and dissolution rate of a carbamazepineâ€“cinnamic acid cocrystal. Journal of Molecular Liquids, 2013, 187, 171-176.	2.3	48
12	Is regression through origin useful in external validation of QSAR models?. European Journal of Pharmaceutical Sciences, 2014, 59, 31-35.	1.9	46
13	Solubility of Lamotrigine, Diazepam, Clonazepam, and Phenobarbital in Propylene Glycol + Water Mixtures at 298.15 K. Journal of Chemical & Engineering Data, 2009, 54, 1153-1157.	1.0	43
14	Solubility of Lamotrigine, Diazepam, and Clonazepam in Ethanol + Water Mixtures at 298.15 K. Journal of Chemical & Engineering Data, 2009, 54, 1107-1109.	1.0	42
15	Generally trained models to predict solubility of drugs in carbitol + water mixtures at various temperatures. Journal of Molecular Liquids, 2016, 219, 435-438.	2.3	41
16	Solubilization of drugs using sodium lauryl sulfate: Experimental data and modeling. Journal of Molecular Liquids, 2018, 268, 410-414.	2.3	40
17	Physicochemical characterization of a new cocrystal of ketoconazole. Powder Technology, 2014, 262, 242-248.	2.1	36
18	Thermodynamic Solubility Profile of Carbamazepineâ€“Cinnamic Acid Cocrystal at Different pH. Journal of Pharmaceutical Sciences, 2015, 104, 2559-2565.	1.6	36

#	Article	IF	Citations
19	Thermodynamic studies of fluphenazine decanoate solubility in propylene glycol+water mixtures and correlation with the Jouybanâ€“Acree model. Fluid Phase Equilibria, 2011, 308, 72-77.	1.4	33
20	Preparation and in vitro Evaluation of Linear and Star-branched PLGA Nanoparticles for Insulin Delivery. Journal of Bioactive and Compatible Polymers, 2008, 23, 115-131.	0.8	32
21	Measurement and correlation of clotrimazole solubility in ethanol + water mixtures at T = (293.2 to) Tj ETQq1 1 0.784314 rgBT /Over	2.3	30
22	Solubility of Clonazepam, Diazepam, Lamotrigine, and Phenobarbital inN-Methyl-2-pyrrolidone + Water Mixtures at 298.2 K. Journal of Chemical & Engineering Data, 2009, 54, 2964-2966.	1.0	29
23	Solubility of celecoxib in N-methyl-2-pyrrolidone+water mixtures at various temperatures: Experimental data and thermodynamic analysis. Korean Journal of Chemical Engineering, 2017, 34, 1435-1443.	1.2	29
24	New aspects of deep eutectic solvents: extraction, pharmaceutical applications, as catalyst and gas capture. Chemical Papers, 2021, 75, 439-453.	1.0	29
25	QSBR Study of Bitter Taste of Peptides: Application of GA-PLS in Combination with MLR, SVM, and ANN Approaches. BioMed Research International, 2013, 2013, 1-13.	0.9	28
26	Solubility of Anthracene and Phenanthrene in Ethanol + 2,2,4-Trimethylpentane Mixtures at Different Temperatures. Journal of Chemical & Engineering Data, 2011, 56, 2290-2294.	1.0	27
27	Generally trained models to predict drug solubility in N-methyl-2-pyrrolidoneâ€¯+â€¯water mixtures at various temperatures. Journal of Molecular Liquids, 2018, 254, 34-38.	2.3	25
28	Solubility of bosentan in {propylene glycol + water} mixtures at various temperatures: experimental data and mathematical modelling. Physics and Chemistry of Liquids, 2019, 57, 338-348.	0.4	22
29	Are LOD and LOQ Reliable Parameters for Sensitivity Evaluation of Spectroscopic Methods?. Journal of AOAC INTERNATIONAL, 2018, 101, 1212-1213.	0.7	21
30	Design and characterization of ascorbic acid based therapeutic deep eutectic solvent as a new ion-gel for delivery of sunitinib malate. Journal of Drug Delivery Science and Technology, 2020, 56, 101512.	1.4	21
31	A simple QSPR model to predict aqueous solubility of drugs. Journal of Drug Delivery Science and Technology, 2010, 20, 467-476.	1.4	20
32	Solubility prediction of pharmaceuticals in dioxane+water mixtures at various temperatures: Effects of different descriptors and feature selection methods. Journal of Molecular Liquids, 2014, 195, 125-131.	2.3	19
33	Extraction and Analysis of Methadone in Exhaled Breath Condensate Using a Validated LC-UV Method. Journal of Pharmacy and Pharmaceutical Sciences, 2015, 18, 207.	0.9	19
34	Ketoconazole ionic liquids with citric and tartaric acid: Synthesis, characterization and solubility study. Fluid Phase Equilibria, 2016, 425, 108-113.	1.4	19
35	Analysis of deferiprone in exhaled breath condensate using silver nanoparticle-enhanced terbium fluorescence. Analytical Methods, 2017, 9, 5640-5645.	1.3	18
36	Determination of Enrofloxacin in Milk Samples Using Silver Nanoparticle Enhanced Terbium-Sensitized Fluorescence Method. Food Analytical Methods, 2017, 10, 3607-3614.	1.3	17

#	Article	IF	Citations
37	An Automated System for Determining Drug Solubility Based on Laser Monitoring Technique. Journal of the Association for Laboratory Automation, 2015, 20, 3-9.	2.8	16
38	Prediction of Biopharmaceutical Drug Disposition Classification System (BDDCS) by Structural Parameters. Journal of Pharmacy and Pharmaceutical Sciences, 2019, 22, 247-269.	0.9	16
39	The effect of surfactant and polymer on solution stability and solubility of tadalafil-methylparaben cocrystal. Journal of Molecular Liquids, 2019, 281, 86-92.	2.3	16
40	Poly(ethylene glycol)-poly(Îµ-caprolactone)-based micelles for solubilization and tumor-targeted delivery of silibinin. BioImpacts, 2020, 10, 87-95.	0.7	13
41	Naphthalene Solubility in Binary Solvent Mixtures of 2,2,4-Trimethylpentane + Alcohols at 298.15 K. Journal of Chemical & Engineering Data, 2008, 53, 574-577.	1.0	12
42	Solubility of Anthracene in Ternary Solvent Mixtures of 2,2,4-Trimethylpentane + 2-Propanone + Alcohols at 298.15 K. Journal of Chemical & Engineering Data, 2008, 53, 890-893.	1.0	12
43	Prediction of Blood-Brain Distribution: Effect of Ionization. Biological and Pharmaceutical Bulletin, 2011, 34, 266-271.	0.6	12
44	Are Crystallinity Parameters Critical for Drug Solubility Prediction?. Journal of Solution Chemistry, 2015, 44, 2297-2315.	0.6	12
45	Solubility of celecoxib in N -methyl-2-pyrrolidone + 2-propanol mixtures at various temperatures. Journal of Molecular Liquids, 2017, 241, 1032-1037.	2.3	12
46	Preferential solvation of some antiepileptic drugs in {cosolvent (1) + water (2)} mixtures at 298.15 K. Physics and Chemistry of Liquids, 2018, 56, 646-659.	0.4	12
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. Journal of Chromatography A, 2011, 1218, 6454-6463.	1.8	11
48	Solubility of sildenafil citrate in polyethylene glycol 400 + water mixtures at various temperatures. Journal of Molecular Liquids, 2017, 240, 268-272.	2.3	11
49	Thermodynamic solubility and density of sildenafil citrate in ethanol and water mixtures: Measurement and correlation at various temperatures. Journal of Molecular Liquids, 2017, 225, 631-635.	2.3	11
50	A Fast and Simple Method for Determination of Vitamin E in Infant Formula by Dispersive Liquid-Liquid Microextraction Combined with HPLC-UV. Food Analytical Methods, 2019, 12, 23-31.	1.3	11
51	Development of a Terbium-Sensitized Fluorescence Method for Analysis of Silibinin. Journal of AOAC INTERNATIONAL, 2017, 100, 686-691.	0.7	10
52	Ionic Liquid Forms of Carvedilol: Preparation, Characterization, and Solubility Studies. Journal of Pharmaceutical Innovation, 2019, 14, 382-390.	1.1	10
53	Quantitative Structure-activity Relationships of Imidazole-containing Farnesyltransferase Inhibitors Using Different Chemometric Methods. Medicinal Chemistry, 2013, 9, 434-448.	0.7	10
54	Solubility Prediction Methods for Drug/Drug Like Molecules. Recent Patents on Chemical Engineering, 2010, 1, 220-231.	0.5	10

#	Article	IF	Citations
55	QSPR Modeling using Catalan Solvent and Solute Parameters. Journal of the Brazilian Chemical Society, 2011, 22, 684-692.	0.6	9
56	Quantitative structure activity relationship and docking studies of imidazole-based derivatives as P-glycoprotein inhibitors. Medicinal Chemistry Research, 2014, 23, 4700-4712.	1.1	9
57	Developing an Analytical Method Based on Graphene Quantum Dots for Quantification of Deferiprone in Plasma. Journal of Fluorescence, 2020, 30, 591-600.	1.3	9
58	Effects of amount of excess solid, the type of stirring and sedimentation time on solubility of sodium phenytoin and lamotrigine. ADMET and DMPK, 2018, 6, 269-278.	1.1	9
59	Comparison of the Models for Correlation of Drug Solubility in Ethanolâ€‰+â€‰Water Binary Mixtures. Journal of Solution Chemistry, 2019, 48, 1079-1104.	0.6	8
60	Coenzyme Q10 in association with metabolism-related AMPK/PFKFB3 and angiogenic VEGF/VEGFR2 genes in breast cancer patients. Molecular Biology Reports, 2020, 47, 2459-2473.	1.0	8
61	Prediction of Electrophoretic Mobility of Analytes Using Abraham Solvation Parameters by Different Chemometric Methods. Current Analytical Chemistry, 2017, 13, .	0.6	8
62	The effects of Berberis vulgaris consumption on plasma levels of IGF-1, IGFBPs, PPAR-Î³ and the expression of angiogenic genes in women with benign breast disease: a randomized controlled clinical trial. BMC Complementary and Alternative Medicine, 2019, 19, 324.	3.7	7
63	Predicting the Drug Clearance Pathway with Structural Descriptors. European Journal of Drug Metabolism and Pharmacokinetics, 2022, 47, 363-369.	0.6	7
64	Solubility of Phenanthrene in Binary Mixtures of C1â^'C4 Alcohols + 2-Propanol and Ethanol + Methanol at 298.2 K. Journal of Chemical & Engineering Data, 2009, 54, 1405-1408.	1.0	6
65	Effects of N-methylpyrrolidone and temperature on phenytoin solubility. Journal of Molecular Liquids, 2019, 285, 58-61.	2.3	6
66	Prediction of the Oral Bioavailability Correlation Between Humans and Preclinical Animals. European Journal of Drug Metabolism and Pharmacokinetics, 2020, 45, 771-783.	0.6	6
67	Solubility of Anthracene in Quaternary Solvent Mixtures of 2,2,4-Trimethylpentane + 2-Propanone + Methanol + Alcohols at 298.15 K. Journal of Chemical & Engineering Data, 2008, 53, 2250-2253.	1.0	5
68	Solubility of Anthracene in C1â^'C3Alcohols from (298.2 to 333.2) K and Their Mixtures with 2-Propanone at 298.2 K. Journal of Chemical & Engineering Data, 2010, 55, 5319-5322.	1.0	5
69	Determination of Mycophenolic Acid in Plasma Samples Using the Terbium-Sensitized Luminescence Method. Journal of Applied Spectroscopy, 2015, 82, 614-619.	0.3	5
70	Solubility of sildenafil citrate in propylene glycol + water mixtures at various temperatures. Physics and Chemistry of Liquids, 2018, 56, 508-517.	0.4	5
71	Salting-out liquidâ€“liquid microextraction to the determination of mycophenolic acid in plasma samples. Chemical Papers, 2020, 74, 1663-1668.	1.0	5
72	Crystal engineering of valproic acid and carbamazepine to improve hygroscopicity and dissolution profile. Drug Development and Industrial Pharmacy, 2021, 47, 1674-1679.	0.9	5

#	Article	IF	Citations
73	Atorvastatin Reduces the Myocardial Content of Coenzyme Q10 in Isoproterenol-induced Heart Failure in Rats. Drug Research, 2014, 64, 246-250.	0.7	4
74	Imageâ€Based Analysis to Predict the Activity of Tariquidar Analogs as Pâ€Glycoprotein Inhibitors: The Importance of External Validation. Archiv Der Pharmazie, 2016, 349, 124-131.	2.1	4
75	Developing a high-performance liquid chromatography fast and accurate method for quantification of silibinin. BMC Research Notes, 2019, 12, 743.	0.6	4
76	Developing New Criteria for Validity Evaluation of Analytical Methods. Journal of AOAC INTERNATIONAL, 2019, 102, 1908-1916.	0.7	4
77	Comments on â€œMeasurement and correlation of the solubility of estradiol and estradiol-urea co-crystal in fourteen pure solvents at temperatures from 273.15ÂK to 318.15ÂKâ€. Journal of Molecular Liquids, 2020, 309, 113161.	2.3	4
78	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. Letters in Drug Design and Discovery, 2017, 14, .	0.4	4
79	Determination of Verapamil in Exhaled Breath Condensate by Using Microextraction and Liquid Chromatography. Current Pharmaceutical Analysis, 2019, 15, 535-541.	0.3	4
80	Solubility of Anthracene in Binary and Ternary Mixtures of Cyclohexanone, Ethyl Acetate, and Methanol at 298.2 K. Journal of Chemical & Engineering Data, 2010, 55, 2607-2609.	1.0	3
81	Combination of the Double Logâ€“Log Model with Abraham Solvation Parameters to Predict Solubility of Drugs in EthanolÂ+ÂWater Mixtures. Journal of Solution Chemistry, 2016, 45, 1425-1433.	0.6	3
82	Developing New Criteria for Validity Evaluation of Analytical Methods. Journal of AOAC INTERNATIONAL, 2019, 102, 1908-1916.	0.7	3
83	2D-QSAR study of some 2,5-diaminobenzophenone farnesyltransferase inhibitors by different chemometric methods. EXCLI Journal, 2015, 14, 484-95.	0.5	3
84	Cimetidine is critical in CNS disorders. Bioscience Hypotheses, 2009, 2, 180-181.	0.2	2
85	Comments on "Dissolution Enhancement of Atorvastatin Calcium by Cocrystallization". Advanced Pharmaceutical Bulletin, 2021, 11, 578-579.	0.6	2
86	Image-based QSAR Model for the Prediction of P-gp Inhibitory Activity of Epigallocatechin and Gallocatechin Derivatives. Current Computer-Aided Drug Design, 2019, 15, 212-224.	0.8	2
87	ASSESSMENT OF THE ALTERNARIA MYCOTOXIN TENUAZONIC ACID IN FRUIT JUICE SAMPLES. Journal of Microbiology, Biotechnology and Food Sciences, 2020, 9, 1162-1165.	0.4	2
88	Comments on â€œSolubility measurement and thermodynamic modeling of sertraline hydrochloride and clopidogrel bisulfate in deep eutectic solvent of choline chloride and malonic acidâ€. Journal of Molecular Liquids, 2022, 359, 119268.	2.3	2
89	The effect of different factors on partitioning of propofol between aqueous and organic phases of microemulsions. Journal of Molecular Liquids, 2020, 308, 113003.	2.3	1
90	Spectrofluorimetric determination of indoxyl sulfate in human plasma after salting-out assisted liquidâ€“liquid extraction. Chemical Papers, 2021, 75, 3505-3511.	1.0	1

#	Article	IF	Citations
91	Development of derivatization/airâ€assisted liquidâ€liquid microextraction procedure for analyzing shortâ€chain fatty acids; assessment of the analytes in fruit juice samples. Separation Science Plus, 2021, 4, 240.	0.3	1
92	Comments on â€œSolubility measurement and correlation for HNIWÂ·TNT co-crystal in nine pure solvents from tÂ=Â(283.15 to 318.15) Kâ€. Journal of Molecular Liquids, 2021, 340, 117220.	2.3	1
93	Development of an HPLC-UV Method for Quantification of Stattic. Current Pharmaceutical Analysis, 2019, 15, 568-573.	0.3	1
94	In silico models to predict tubular secretion or reabsorption clearance pathway using physicochemical properties and structural characteristics. Xenobiotica, 2022, 52, 346-352.	0.5	1
95	Prediction of analytes' electrophoretic mobility in mixed solvent buffers using Abraham solvation parameters. Analytical Methods, 2015, 7, 8123-8128.	1.3	0
96	Beware of Bar Charts for Plotting Calibration Curves for Analytical Method Development. Journal of AOAC INTERNATIONAL, 2020, 103, 1424-1425.	0.7	0
97	Acknowledgement of Top Manuscript Reviewers (2020). Pharmaceutical Sciences, 2021, 27, 147-148.	0.1	0
98	Acknowledgement of Top Manuscript Reviewers 2018. Pharmaceutical Sciences, 2018, 24, 346-346.	0.1	0
99	Modeling to predict the cytotoxicity of SiO2 and TiO2 nanoparticles. Journal of Research in Pharmacy, 2019, 23, 267-274.	0.1	0
100	Acknowledgement of Top Manuscript Reviewers (2019). Pharmaceutical Sciences, 2020, 26, 97-98.	0.1	0
101	Analysis of Retracted Articles in Pharmacology and Pharmacy. Pharmaceutical Sciences, 2021, , .	0.1	0
102	A Critical Issue in Calibration Curve with Logarithmic Scale. Immunoanalysis, 2021, 1, 9-9.	0.2	0
103	Professor Jalil Afshar; the Founding Editor of Pharmaceutical Sciences. Pharmaceutical Sciences, 2022, , .	0.1	0