

Abolghasem Jouyban

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4631376/abolghasem-jouyban-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

709
papers

11,703
citations

48
h-index

77
g-index

737
ext. papers

13,605
ext. citations

3.8
avg, IF

7.32
L-index

#	Paper	IF	Citations
709	Solubility, solvation analysis and enthalpy-Entropy compensation of musk ketone in some cosolvent solutions. <i>Journal of Chemical Thermodynamics</i> , 2022 , 168, 106727	2.9	1
708	Comments concerning Solubility measurement and thermodynamic correlation of (2,4-dichlorophenoxy)acetic acid in fifteen pure solvents <i>Journal of Chemical Thermodynamics</i> , 2022 , 169, 106751	2.9	0
707	Solubility of favipiravir (as an anti-COVID-19) in supercritical carbon dioxide: An experimental analysis and thermodynamic modeling.. <i>Journal of Supercritical Fluids</i> , 2022 , 105539	4.2	3
706	Development of a new method based on gold nanoparticles for determination of uric acid in urine samples.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 272, 120995	4.4	1
705	An overview on nanostructure-modified supported liquid membranes for the electromembrane extraction method.. <i>Analytical Methods</i> , 2022 ,	3.2	3
704	Preferential Solvation Study of the Synthesized Aldose Reductase Inhibitor (SE415) in the {PEG 400 (1) + Water (2)} Cosolvent Mixture and GastroPlus-Based Prediction.. <i>ACS Omega</i> , 2022 , 7, 1197-1210	3.9	2
703	Solubility of amlodipine besylate in binary mixtures of polyethylene glycol 400+water at various temperatures: Measurement and modelling. <i>Journal of Molecular Liquids</i> , 2022 , 347, 118394	6	1
702	Solubility of baclofen in some neat and mixed solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2022 , 347, 118352	6	0
701	Comprehensive understanding on solubility and solvation performance of curcumin (form I) in aqueous co-solvent blends. <i>Journal of Chemical Thermodynamics</i> , 2022 , 167, 106718	2.9	3
700	Exhaled breath condensate efficacy to identify mutations in patients with lung cancer: A pilot study.. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2022 , 1-14	1.4	0
699	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
698	Application of microcrystalline cellulose as an efficient and cheap sorbent for the extraction of metoprolol from plasma and wastewater before HPLC-MS/MS determination.. <i>Biomedical Chromatography</i> , 2022 , e5371	1.7	
697	Drug Solubility Correlation Using the Jouyban-Acree Model: Effects of Concentration Units and Error Criteria.. <i>Molecules</i> , 2022 , 27,	4.8	1
696	Aptamer-functionalized metal organic frameworks as an emerging nanoprobe in the food safety field: Promising development opportunities and translational challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 116622	14.6	3
695	Rational design of smart nano-platforms based on antifouling-nanomaterials toward multifunctional bioanalysis.. <i>Advances in Colloid and Interface Science</i> , 2022 , 302, 102637	14.3	1
694	Quantification of methotrexate in plasma samples using highly fluorescent nanoparticles.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 214, 114716	3.5	0
693	A combination of amino-functionalized fibrous silica (KCC-1-NH)/effectively and efficiently oxidized graphene oxide (EEGO) nanocomposite for dispersive solid-phase extraction, pre-concentration and fluorescence determination of total para-cresol in plasma samples of chronic kidney disease patients.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 214, 114716	3.5	0

692	Sensing of carbamazepine by AlN and BN nanoclusters in gas and solvent phases: DFT and TD-DFT calculation. <i>Journal of Molecular Liquids</i> , 2022 , 353, 118750	6	2
691	Exploring the interaction of clonazepam and diazepam with tau protein: Multispectral and molecular docking studies. <i>Journal of Molecular Structure</i> , 2022 , 1258, 132669	3.4	0
690	Equilibrium solubility of amrinone in aqueous co-solvent solutions reconsidered: Quantitative molecular surface, inter/intra-molecular interactions and solvation thermodynamics analysis. <i>Journal of Molecular Liquids</i> , 2022 , 355, 118995	6	2
689	Quantitative surface analysis of paclobutrazol molecule and comprehensive insight into its solubility in aqueous co-solvent solutions. <i>Journal of Chemical Thermodynamics</i> , 2022 , 170, 106787	2.9	0
688	Development a coordination polymer based nanosensor for phenobarbital determination in exhaled breath condensate.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 215, 114761	3.5	
687	Simulation of mesalazine solubility in the binary solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2022 , 357, 119160	6	0
686	A mixed deep eutectic solvents-based air-assisted liquid-liquid microextraction of surfactants from exhaled breath condensate samples prior to HPLC-MS/MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022 , 123289	3.2	0
685	Hirshfeld surface and electrostatic potential surface analysis of clozapine and its solubility and molecular interactions in aqueous blends. <i>Journal of Molecular Liquids</i> , 2022 , 119328	6	0
684	Acetamiprid in several binary aqueous solutions: Solubility, intermolecular interactions and solvation behavior. <i>Journal of Chemical Thermodynamics</i> , 2022 , 172, 106828	2.9	0
683	Experimental determination and correlation of naproxen solubility in biodegradable low-toxic betaine-based deep eutectic solvents and water mixtures at 293.15 K to 313.15 K. <i>Fluid Phase Equilibria</i> , 2022 , 560, 113508	2.5	0
682	Simple Determination of p-Cresol in Plasma Samples Using Fluorescence Spectroscopy Technique. <i>Iranian Journal of Pharmaceutical Research</i> , 2021 , 20, 68-78	1.1	
681	Acetaminophen solubility in aqueous solutions of betaine-propylene glycol natural deep eutectic solvent at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 118199	6	1
680	Thermodynamic study and preferential solvation of sulfamerazine in acetonitrile + methanol cosolvent mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 349, 118172	6	2
679	Solubility of montelukast (as a potential treatment of COVID -19) in supercritical carbon dioxide: Experimental data and modelling. <i>Journal of Molecular Liquids</i> , 2021 , 118219	6	3
678	Solubility of sinapic acid in some (ethylene glycol + water) mixtures: Measurement, computational modeling, thermodynamics, and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 348, 118057	6	1
677	Further computations on physico-chemical properties of binary mixtures of p-cymene with α -pinene, limonene and citral. <i>Journal of Molecular Liquids</i> , 2021 , 118211	6	
676	Relation between solubility and microextraction recovery data of lamotrigine for prediction of partitioning properties. <i>Journal of Molecular Liquids</i> , 2021 , 118114	6	0
675	Simulation of dapsona solubility data in mono- and mixed-solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 345, 118223	6	1

674	Solubility study of naproxen in the binary mixture of ethanol and ethylene glycol at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 345, 118175	6	0
673	Development of an in-syringe gas-assisted density tunable solidification of floating organic droplet-based dispersive liquid phase microextraction method coupled with HPLC-MS/MS for monitoring amikacin in biological fluids.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 210, 114552	3.5	0
672	Solubility study of sildenafil citrate in (2-propanol+water) binary mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117915	6	2
671	Comments on Solubility and thermodynamic properties of an energetic intermediate in four binary solvents (water+n-butanol, n-pentanol, isobutanol and isoamyl alcohol) <i>Journal of Molecular Liquids</i> , 2021 , 344, 117805	6	1
670	Solubility of 6-phenyl-4,5-dihydropyridazin-3(2H)-one in aqueous mixtures of Transcutol and PEG 400 revisited: Correlation and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117728	6	1
669	Solubility, solvent effect, enthalpy-entropy compensation and solvation thermodynamics of 4-(bromomethyl)-2(1H)-quinolinone in several aqueous blends. <i>Journal of Chemical Thermodynamics</i> , 2021 , 166, 106670	2.9	
668	Solubility study of lamotrigine in the aqueous mixture of choline chloride based deep eutectic solvent at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117935	6	0
667	Investigation of biological activity of nickel (II) complex with naproxen and 1,10-phenanthroline ligands. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 6939-6954	3.6	3
666	Equilibrium solubility, Hansen solubility parameter, dissolution thermodynamics, transfer property and preferential solvation of zonisamide in aqueous binary mixtures of ethanol, acetonitrile, isopropanol and N,N-dimethylformamide. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115219	6	22
665	ImmunoAnalysis: A New Journal to Publish Peer-Reviewed Manuscripts in the Fields of Pharmaceutical Analysis and Immunology 2021 , 1, 1-1		
664	Spectrofluorimetric determination of indoxyl sulfate in human plasma after salting-out assisted liquid-liquid extraction. <i>Chemical Papers</i> , 2021 , 75, 3505-3511	1.9	
663	Solubility of 3-aminosalicylic acid in 1-propanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115095	6	1
662	Copper nanocluster-based sensor for determination of vancomycin in exhaled breath condensate: A synchronous fluorescence spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 196, 113906	3.5	4
661	Solubility study of ketoconazole in the mixtures of N-methyl-2-pyrrolidone and ethanol at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115287	6	2
660	Thermodynamic analysis of the solubility of triclocarban in ethylene glycol + water mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115222	6	0
659	Recent advances in the determination of unbound concentration and plasma protein binding of drugs: Analytical methods. <i>Talanta</i> , 2021 , 225, 122052	6.2	5
658	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	4.5	3
657	Prediction of drug solubility in ethylene glycol+water mixtures using generally trained cosolvency models. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115325	6	6

656	Solubility, Three-Dimensional Hansen Solubility Parameters, and Solution Thermodynamics of 3,3'-Diaminodiphenyl Sulfone in 14 Neat Solvents from 283.15 to 328.15 K. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 2167-2176	2.8	7
655	o-Nitroacetanilide Equilibrium Solubility in 15 Monosolvents: Experimental Determination, Mathematical Correlation, and Solvent Effect Examination. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 2124-2133	2.8	5
654	Utilizing Abraham and Hansen solvation parameters for solubility prediction of meloxicam in cosolvency systems. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115400	6	7
653	Evodiamine in several binary aqueous co-solvents: Solubility measurement and modeling, Hansen solubility parameter, preferential solvation and apparent dissolution and transfer properties. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115658	6	4
652	Further calculations on the solubility of trans-resveratrol in (Transcutol \square + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115645	6	5
651	Layered double hydroxides as an efficient nanozyme for analytical applications. <i>Microchemical Journal</i> , 2021 , 164, 105970	4.8	2
650	Solubility, dissolution thermodynamics and preferential solvation of sulfadiazine in (N-methyl-2-pyrrolidone \square +water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115693	6	5
649	Measurement and correlation of fexofenadine hydrochloride solubility in ethanol + water mixtures at T = (293.2 to 313.2) K. <i>Journal of Molecular Liquids</i> , 2021 , 329, 115554	6	2
648	Solubility, Dissolution Thermodynamics and Preferential Solvation of Meloxicam in (Methanol + Water) Mixtures. <i>Journal of Solution Chemistry</i> , 2021 , 50, 667-689	1.8	2
647	Low potential detection of doxorubicin using a sensitive electrochemical sensor based on glassy carbon electrode modified with silver nanoparticles-supported poly(chitosan): A new platform in pharmaceutical analysis. <i>Microchemical Journal</i> , 2021 , 165, 106101	4.8	7
646	Solubility profile of phenytoin in the mixture of carbitol and water at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 332, 115515	6	1
645	Derivatization of \square Amino Butyric Acid Analogues for Their Determination in the Biological Samples and Pharmaceutical Preparations: A Comprehensive Review. <i>Critical Reviews in Analytical Chemistry</i> , 2021 , 1-28	5.2	0
644	Solubility and dissolution thermodynamics of 5-fluorouracil in (ethanol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 333, 116038	6	2
643	Study of naproxen dissolution in the mixtures of a choline-based deep eutectic solvent \square +water at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 117023	6	2
642	Solubility of caffeine in N-methyl-2-pyrrolidone + 1-propanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 346, 117067	6	2
641	pH-induced homogeneous liquid-liquid microextraction method based on new switchable deep eutectic solvent for the extraction of three antiepileptic drugs from breast milk. <i>Bioanalysis</i> , 2021 , 13, 1087-1099	2.1	0
640	Predicting the solubility, thermodynamic properties and preferential solvation of sulphamethazine in {acetonitrile + water} mixtures using a minimum number of experimental data points. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 400-411	1.5	3
639	Further numerical analyses on the solubility of diazepam in aqueous tert-butanol mixtures. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 512-522	1.5	

638	Preferential solvation of 4-(4-ethoxyphenyl)-5-(3,4,5-trimethoxybenzoyl)-3,4-dihydropyrimidin-2(1H)-one in {PEG 400 (1) + water (2)} mixtures. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 423-430	1.5	6
637	Applications of advanced materials in bio-sensing in live cells: Methods and applications. <i>Materials Science and Engineering C</i> , 2021 , 121, 111691	8.3	3
636	Dissolution thermodynamics and preferential solvation of gliclazide in (Transcutol \square + water) mixtures. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 607-621	1.5	1
635	Molecularly imprinted polymer based-solid phase extraction combined with dispersive liquid \square liquid microextraction using new deep eutectic solvent; selective extraction of valproic acid from exhaled breath condensate samples. <i>Microchemical Journal</i> , 2021 , 161, 105772	4.8	6
634	Solubility of sulfadiazine in (acetonitrile + methanol) mixtures: Determination, correlation, dissolution thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 322, 114979	6	12
633	Solubility of meloxicam in aqueous binary mixtures of formamide, N-methylformamide and N,N-dimethylformamide: Determination, correlation, thermodynamics and preferential solvation. <i>Journal of Chemical Thermodynamics</i> , 2021 , 154, 106332	2.9	6
632	Solubility of sulfadiazine in (ethylene glycol \square +water) mixtures: Measurement, correlation, thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 323, 115058	6	9
631	Solubility study of acetaminophen in the mixtures of acetonitrile and water at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114708	6	2
630	Solubility of meloxicam in (Carbitol \square + water) mixtures: Determination, correlation, dissolution thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114671	6	5
629	Solubility and thermodynamic profile of mesalazine in carbitol + ethanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114763	6	2
628	Partitioning behavior of caffeine, lamotrigine, clonazepam and oxcarbazepine in a biodegradable aqueous two-phase system comprising of polyethylene glycol dimethyl ether 250 and choline chloride/saccharose deep eutectic solvent. <i>Journal of Molecular Liquids</i> , 2021 , 323, 115055	6	9
627	Sensitive monitoring of doxorubicin in plasma of patients, MDA-MB-231 and 4T1 cell lysates using electroanalysis method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 192, 113701	3.5	3
626	Solubility of mesalazine in ethylene glycol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 323, 114597	6	4
625	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
624	Mesalazine solubility in the binary mixtures of ethanol and water at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 12-25	1.5	13
623	Trained models for solubility prediction of drugs in acetonitrile + water mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 169-180	1.5	2
622	Equilibrium solubility and apparent specific volume at saturation of sodium sulfadiazine in some aqueous cosolvent mixtures at 298.2 K. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 40-52	1.5	1
621	Measurement and modelling of the solubility for ketoconazole in {acetonitrile + water} mixtures at T = (293.2 to 313.2) K. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 331-344	1.5	4

620	Ultrasensitive fluorescence detection of antitumor drug methotrexate based on a terbium-doped silica dendritic probe. <i>Analytical Methods</i> , 2021 , 13, 4280-4289	3.2	1
619	Using constant-wavelength synchronous fluorescence spectroscopy in nanoparticle-based sensors: a minireview. <i>Analytical Methods</i> , 2021 , 13, 968-973	3.2	2
618	Validation of a colorimetric method for determination of paracetamol in exhaled breath condensate. <i>Chemical Papers</i> , 2021 , 75, 2901-2906	1.9	1
617	A single model to represent physico-chemical properties of liquid mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 323, 115054	6	8
616	Breathomics: Review of Sample Collection and Analysis, Data Modeling and Clinical Applications. <i>Critical Reviews in Analytical Chemistry</i> , 2021 , 1-27	5.2	10
615	Efficacy of Analytical Technologies in Metabolomics Studies of the Gastrointestinal Cancers. <i>Critical Reviews in Analytical Chemistry</i> , 2021 , 1-13	5.2	0
614	Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction and Capillary Electrophoretic Determination of Tramadol in Human Plasma. <i>Current Analytical Chemistry</i> , 2021 , 17, 426-433	1.7	0
613	Some comments concerning Measurement and correlation of solubility data for atorvastatin calcium in pure and binary solvent systems from 293.15[K to 328.15[K]. <i>Journal of Molecular Liquids</i> , 2021 , 334, 116066	6	
612	Dissolution thermodynamic study of naproxen in the mixtures of ethylene glycol and water. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115929	6	3
611	Sensing and bioimaging of lead ions in intracellular cancer cells and biomedical media using amine-functionalized silicon quantum dots fluorescent probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 256, 119747	4.4	8
610	Solubility profile of phenytoin in the mixture of 1-propanol and water at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 334, 115936	6	3
609	Prediction of hypothetical solubility of drugs in phase separated miscible binary solvent mixtures using an interpolation technique. <i>Journal of Molecular Liquids</i> , 2021 , 335, 116518	6	1
608	Comments on "Increase in the circulating levels of malondialdehyde in patients with obstructive sleep apnea: a systematic review and meta-analysis". <i>Sleep and Breathing</i> , 2021 , 1	3.1	
607	Solubility Measurement, Preferential Solvation, and Solvent Effect of 3,5-Dinitrosalicylic Acid in Several Binary Aqueous Blends. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 3531-3542	2.8	2
606	Solubility study of mesalazine in the aqueous mixtures of a deep-eutectic solvent at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 336, 116300	6	3
605	A minireview on nanoparticle-based sensors for the detection of coronaviruses. <i>Bioanalysis</i> , 2021 , 13, 1837-1850	2.1	3
604	Solubility measurement and thermodynamic modeling of caffeine in N-methyl-2-pyrrolidone-Isopropanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 336, 116519	6	10
603	Sensitive identification of silibinin as anticancer drug in human plasma samples using poly (ECD)-AgNPs: A new platform towards efficient clinical pharmacotherapy. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111763	7.5	1

602	Solubility of sildenafil citrate in 1-propanol+water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116631	6	5
601	Development of a deep eutectic solvent-based ultrasound-assisted homogenous liquid-liquid microextraction method for simultaneous extraction of daclatasvir and sofosbuvir from urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 204, 114254	3.5	6
600	Organic solvent-free elevated temperature liquid-liquid extraction combined with a new switchable deep eutectic solvent-based dispersive liquid-liquid microextraction of three phenolic antioxidants from oil samples. <i>Microchemical Journal</i> , 2021 , 168, 106433	4.8	14
599	Bifonazole dissolved in numerous aqueous alcohol mixtures: Solvent effect, enthalpy-entropy compensation, extended Hildebrand solubility parameter approach and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116671	6	7
598	Additional computations on volumetric, acoustic, transport and FTIR studies of binary di-butylamine + isomeric butanol mixtures as potential CO ₂ absorbents. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116776	6	1
597	Application of curcumin as a green and new sorbent in deep eutectic solvent-based dispersive micro-solid phase extraction of several polycyclic aromatic hydrocarbons from honey samples prior to gas chromatography-mass spectrometry determination. <i>Journal of Separation Science</i> , 2021 , 44, 4037-4047	3.4	3
596	Ultrasound-assisted electromembrane extraction of clonazepam from plasma and determination using capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1181, 122928	3.2	0
595	Solubility study of ketoconazole in propylene glycol and ethanol mixtures at different temperatures: A laser monitoring method. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116060	6	2
594	Solubility of sulfamerazine in (ethylene glycol+water) mixtures: Measurement, correlation, dissolution thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116330	6	5
593	Solubility and thermodynamic aspects of etonogestrel in several aqueous co-solvent solutions. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116624	6	2
592	Prediction of sulfonamides solubilities in the mixed solvents using solvation parameters. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116269	6	4
591	Applications of scaffold-based advanced materials in biomedical sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116342	14.6	2
590	Overview of therapeutic drug monitoring of immunosuppressive drugs: Analytical and clinical practices. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 205, 114315	3.5	4
589	Solubility, Hansen solubility parameter, solvent effect and preferential solvation of benorilate in aqueous mixtures of isopropanol, N,N-dimethylformamide, ethanol and N-methyl-2-pyrrolidinone. <i>Journal of Chemical Thermodynamics</i> , 2021 , 161, 106517	2.9	10
588	Effect of temperature and polarity on the solubility and preferential solvation of sinapic acid in aqueous mixtures of DMSO and Carbitol. <i>Journal of Molecular Liquids</i> , 2021 , 340, 117268	6	5
587	Solubility of sildenafil citrate in propylene glycol+ethanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116748	6	
586	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	6	1
585	Solubility of coumarin in (ethanol+water) mixtures: Determination, correlation, thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116761	6	6

584	Equilibrium solubility of vanillin in some (ethanol+water) mixtures: determination, correlation, thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117529	6	2
583	Study and mathematical modeling of caffeine solubility in N-methyl-2-pyrrolidone+ethylene glycol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 341, 117350	6	2
582	Solubility study of carvedilol in the aqueous mixtures of a choline chloride/propylene glycol deep eutectic solvent. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117537	6	4
581	Glycoprotein-based bioimaging of HeLa cancer cells by folate receptor and folate decorated graphene quantum dots. <i>Microchemical Journal</i> , 2021 , 170, 106732	4.8	5
580	Solubility modeling and solvation behavior of 3,3'-diamino diphenylsulfone in binary aqueous mixtures of isopropanol, methanol, ethanol and N,N-dimethylformamide. <i>Journal of Chemical Thermodynamics</i> , 2021 , 163, 106612	2.9	
579	A new correlative model to simulate the solubility of drugs in mono-solvent systems at various temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117587	6	12
578	Comments on Experimental measurement and thermodynamic modelling of ethenzamide solubility in three binary solvent systems. <i>Journal of Chemical Thermodynamics</i> , 2021 , 163, 106594	2.9	2
577	Solubility, solvation thermodynamics and solvent effect of thiabendazole in several cosolvent blends. <i>Journal of Chemical Thermodynamics</i> , 2021 , 163, 106616	2.9	2
576	Determination and modeling of caffeine solubility in N-methyl-2-pyrrolidone+propylene glycol mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117613	6	1
575	Prevalence of COVID-19 in patients with rheumatoid arthritis (RA) already treated with hydroxychloroquine (HCQ) compared with HCQ-naive patients with RA: a multicentre cross-sectional study. <i>Postgraduate Medical Journal</i> , 2021 ,	2	
574	Solubility Study of Acetylsalicylic Acid in Ethanol + Water Mixtures: Measurement, Mathematical Modeling, and Stability Discussion.. <i>AAPS PharmSciTech</i> , 2021 , 23, 42	3.9	0
573	Applications of Advanced Materials for Non-Enzymatic Glucose Monitoring: From Invasive to the Wearable Device.. <i>Critical Reviews in Analytical Chemistry</i> , 2021 , 1-16	5.2	1
572	Solubility of paracetamol in the ternary solvent mixtures of water + ethanol + glycerol at 298.2 and 303.2 K. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-8	1.5	0
571	Solubility of codeine phosphate in carbitol + 2-propanol mixture at different temperatures. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 910-915	3.6	2
570	Further comments on Experimental measurements, equilibrium study and model correlation of methyl paraben in ethanol and methanol aqueous solutions from $T = (293.15 \text{ to } 323.15) \text{ K}$. <i>Journal of Molecular Liquids</i> , 2020 , 305, 112806	6	
569	Dissolution thermodynamics and preferential solvation of ketoconazole in some {ethanol (1) + water (2)} mixtures. <i>Journal of Molecular Liquids</i> , 2020 , 313, 113579	6	28
568	Solubility of 5-aminosalicylic acid in N-methyl-2-pyrrolidone + water mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 310, 113143	6	18
567	Solubility of mesalazine in polyethylene glycol 400 + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113546	6	3

566	Ferrofluid-based dispersive liquid-liquid microextraction using a deep eutectic solvent as a support: applications in the analysis of polycyclic aromatic hydrocarbons in grilled meats. <i>Analytical Methods</i> , 2020 , 12, 1522-1531	3.2	12
565	Comments on Thermophysical Properties Analysis of Poly(Ethylene Glycol) 600 + Methanol, Ethanol, 1-Propanol, and 2-Propanol Binary Liquid Mixtures <i>International Journal of Thermophysics</i> , 2020 , 41, 1	2.1	
564	Solubility of ketoconazole in 1,4-dioxane + water mixtures at T = (293.2 to 313.2) K. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112830	6	5
563	Determination of benzo(a)pyrene in the exhaled breath condensate of cigarette smokers by microextraction and HPLC-UV. <i>Analytical Methods</i> , 2020 , 12, 1889-1895	3.2	1
562	Determination of phenytoin in exhaled breath condensate using electromembrane extraction followed by capillary electrophoresis. <i>Electrophoresis</i> , 2020 , 41, 666-677	3.6	5
561	The role of nanomaterials on the cancer cells sensing based on folate receptor: Analytical approach. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 125, 115834	14.6	19
560	A laser monitoring technique for determination of mesalazine solubility in propylene glycol and ethanol mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 304, 112714	6	3
559	A colorimetric nanoprobe based on dynamic aggregation of SDS-capped silver nanoparticles for tobramycin determination in exhaled breath condensate. <i>Mikrochimica Acta</i> , 2020 , 187, 186	5.8	7
558	Solubility of 5-aminosalicylic acid in {N-methyl-2-pyrrolidone+ethanol} mixtures at T=(293.2 to 313.2) K. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112774	6	3
557	Solubility of caffeine in carbitol + ethanol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112465	6	5
556	Solubility and thermodynamic properties of mesalazine in {2-propanol + water} mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112474	6	8
555	Solubility of mesalazine in {1-propanol/water} mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112436	6	3
554	Further computation and some comments on Stearic acid solubility in mixed solvents of (water + ethanol) and (ethanol + ethyl acetate): Experimental data and comparison among different thermodynamic models <i>Journal of Molecular Liquids</i> , 2020 , 310, 113228	6	2
553	Optical sensors based on silver nanoparticles for determination of pharmaceuticals: An overview of advances in the last decade. <i>Talanta</i> , 2020 , 217, 121071	6.2	35
552	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
551	An optical sensing platform based on hexacyanoferrate intercalated layered double hydroxide nanozyme for determination of chromium in water. <i>Analytica Chimica Acta</i> , 2020 , 1117, 9-17	6.6	14
550	Protective Effects of Selenium in Patients with Beta-Thalassemia Major 2020 , 26, 25-31		0
549	Development of Sodium Sulfate Induced Water Based Dispersive Liquid-Liquid Microextraction for the Extraction of Four Tricyclic Antidepressants in Urine Samples Prior to Their Determination by Gas Chromatography-Mass Spectrometry 2020 , 27, 76-85		

548	A Sensitive, Simple and Direct Determination of Pantoprazole Based on a "Turn off-on" Fluorescence Nanosensor by Using Terbium-1,10-phenanthroline-silver Nanoparticles. <i>Analytical Sciences</i> , 2020 , 36, 1345-1352	1.7	2
547	A Rapid Strategy for Repurposing Drugs for COVID-19 2020 , 26, S91-S93		
546	Microextraction and Chromatographic Analysis of Budesonide Epimers in Exhaled Breath Condensate. <i>Current Analytical Chemistry</i> , 2020 , 16, 1032-1040	1.7	
545	An Overview on Analytical Methods for Quantitative Determination of Aristolochic Acids. <i>Current Analytical Chemistry</i> , 2020 , 16, 533-544	1.7	1
544	Existing antiviral options against SARS-CoV-2 replication in COVID-19 patients. <i>Future Microbiology</i> , 2020 , 15, 1747-1758	2.9	16
543	Development of Salt Induced Liquid-Liquid Extraction Combined with Amine Based Deep Eutectic Solvent-Dispersive Liquid-Liquid Microextraction; An Efficient Analytical Method for Determination of Three Anti-Seizures in Urine Samples 2020 , 26, 323-331		2
542	Waste of Mechanical Ventilators as a Biological Sample for Follow up of Biomarkers and Drugs 2020 , 26, 343-343		3
541	Exhaled Breath Condensate: A Non-Invasive Source for Tracking of Genetic and Epigenetic Alterations in Lung Diseases 2020 , 27, 149-161		2
540	A Simple Colorimetric Method for Determination of Ethanol in Exhaled Breath Condensate 2020 , 27, 297-301		
539	A Comprehensive Review on Developed Pharmaceutical Analysis Methods by Iranian Analysts in 2018 2020 , 26, 107-132		
538	In situ Surfactant-based Solid Phase Microextraction of p-cresol in Human Plasma Prior to HPLC Analysis. <i>Current Analytical Chemistry</i> , 2020 , 16, 687-694	1.7	
537	Preferential solvation of some corticosteroids in {ethanol (1) + water (2)} mixtures at 298.2 K. <i>Journal of Molecular Liquids</i> , 2020 , 312, 113249	6	2
536	A laser monitoring technique for solubility study of ketoconazole in propylene glycol and 2-propanol mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 320, 114444	6	5
535	The solubility of ketoconazole in binary carbitol + water mixtures at T = (293.2B13.2) K. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111756	6	14
534	Spectrofluorimetric cytosensing of colorectal cancer cells using terbium-doped dendritic fibrous nano-silica functionalized by folic acid: A novel optical cytosensor for cancer detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 180, 113077	3.5	14
533	Solubility of caffeine in N-methyl-2-pyrrolidone + ethanol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112354	6	8
532	Increasing DNA binding affinity of doxorubicin by loading on FeO nanoparticles: A multi-spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 229, 117985	4.4	11
531	Exploring the interactions of a Tb(III)-quercetin complex with serum albumins (HSA and BSA): spectroscopic and molecular docking studies. <i>Luminescence</i> , 2020 , 35, 512-524	2.5	14

530	Differentiation and targeting of HT 29 cancer cells based on folate bioreceptor using cysteamine functionalized gold nano-leaf. <i>Materials Science and Engineering C</i> , 2020 , 107, 110320	8.3	10
529	Computational tools for solubility prediction of celecoxib in the binary solvent systems. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112129	6	9
528	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
527	Solubility of ketoconazole in the binary mixtures of 2-propanol and water at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112259	6	10
526	Solubility of sulfacetamide in aqueous propylene glycol mixtures: Measurement, correlation, dissolution thermodynamics, preferential solvation and solute volumetric contribution at saturation. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111889	6	17
525	Solubility of sildenafil citrate in the binary mixtures of ethylene glycol and water at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112127	6	9
524	Mesalazine solubility in propylene glycol and water mixtures at various temperatures using a laser monitoring technique. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112136	6	6
523	Determination of morphine and its metabolites in the biological samples: an updated review. <i>Bioanalysis</i> , 2020 , 12, 1161-1194	2.1	2
522	Macromolecular biomarkers of chronic obstructive pulmonary disease in exhaled breath condensate. <i>Biomarkers in Medicine</i> , 2020 , 14, 1047-1063	2.3	4
521	Derivatization and deep eutectic solvent-based air-assisted liquid-liquid microextraction of salbutamol in exhaled breath condensate samples followed by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 191, 113572	3.5	3
520	Solubility of 3-aminosalicylic acid in ethanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114310	6	9
519	Determination of morphine and oxycodone in exhaled breath condensate samples: Application of microwave enhanced three-component deep eutectic solvent-based air-assisted liquid-liquid microextraction and derivatization prior to gas chromatography-mass spectrometry. <i>Journal of Chromatography B Analytical Technologies in the Biomedical Life Sciences</i> , 2020 , 1173, 100254	3.2	8
518	Solubility of codeine phosphate in N-methyl-2-pyrrolidone +2-propanol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113859	6	2
517	Sensors/nanosensors based on upconversion materials for the determination of pharmaceuticals and biomolecules: An overview. <i>Talanta</i> , 2020 , 220, 121383	6.2	5
516	Antimicrobial, cytotoxicity, molecular modeling and DNA cleavage/binding studies of zinc-naproxen complex: switching DNA binding mode of naproxen by coordination to zinc ion. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-13	3.6	6
515	Correspondence. <i>Retina</i> , 2020 , 40, e42-e44	3.6	
514	Graphene quantum dot-stabilized gold nanoparticles as a new colorimetric probe for in situ quantification of phenytoin in biological samples. <i>Microchemical Journal</i> , 2020 , 159, 105331	4.8	0
513	Measurement and modeling of sodium chloride solubility in binary mixtures of water + polyethylene glycol 400 at various temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113777	6	3

512	Preferential solvation of apremilast in some (Transcutol \square + water) mixtures. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113905	6	6
511	Solubilisation of dexamethasone: experimental data, co-solvency and Polarised Continuum Modelling. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-10	1.5	0
510	Solubility of mesalazine in {acetonitrile + water} mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-16	1.5	2
509	Dissolution thermodynamics and preferential solvation of meloxicam in (acetonitrile + water) mixtures. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-20	1.5	5
508	Electromembrane extraction as a new approach for determination of free concentration of phenytoin in plasma using capillary electrophoresis. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020 , 28, 615-624	3.9	2
507	An overview on terbium sensitized based-optical sensors/nanosensors for determination of pharmaceuticals. <i>Applied Spectroscopy Reviews</i> , 2020 , 1-38	4.5	5
506	Solubility of acetaminophen in (ethanol + propylene glycol + water) mixtures: Measurement, correlation, thermodynamics, and volumetric contribution at saturation. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114065	6	7
505	Solubility of celecoxib in 1-propanol + water mixtures at T = (293.2 \square 13.2) K: experimental data and thermodynamic analysis. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 175-183	1.5	4
504	Study of some volumetric properties of {ethanol (1) + propylene glycol (2) + water (3)} mixtures at several temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 105-115	1.5	3
503	Solubility of acetaminophen in 1-propanol + water mixtures at T = 293.2 \square 13.2 K. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 456-472	1.5	10
502	Volumetric and acoustic properties of ionic liquid, 1-hexyl-3-methylimidazolium bromide in 1-hexanol, 1-heptanol and 1-octanol at T = (298.15 \square 28.15) K. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 545-558	1.5	3
501	Further computations on the solubility of 2-methyl-1,3-benzothiazol-5-amine in ethanol + water mixtures at several temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 421-431	1.5	
500	Lamotrigine solubility in 1-propanol + water mixtures at different temperatures: experimental data and mathematical modelling. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 432-445	1.5	2
499	Equilibrium solubility and apparent specific volume at saturation of sodium diclofenac in {formamide (1)/N-methylformamide (1)/or N,N-dimethylformamide (1) + water (2)} mixtures at 298.2 K. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 446-455	1.5	2
498	Solubility and thermodynamics of lamotrigine in ternary mixtures of ionic liquids ([OMIm][Br] + [HMIm][Br] + water) at different temperatures. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 198-207	3.2	3
497	Comprehensive models for density prediction of ionic liquid + molecular solvent mixtures at different temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 309-324	1.5	3
496	Solubility of sulphadiazine in (acetonitrile + water) mixtures: measurement, correlation, thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 381-396	1.5	18
495	Solubility of lamotrigine in acetonitrile + water mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 769-781	1.5	4

494	Tips for improving the quality and quantity of the extracted DNA from exhaled breath condensate samples. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020 , 39, 688-698	1.4	4
493	In matrix formation of deep eutectic solvent used in liquid phase extraction coupled with solidification of organic droplets dispersive liquid-liquid microextraction; application in determination of some pesticides in milk samples. <i>Talanta</i> , 2020 , 206, 120169	6.2	57
492	A microscale spectrophotometric method for quantification of doxorubicin in exhaled breath condensate. <i>Analytical Methods</i> , 2019 , 11, 648-653	3.2	6
491	Solubility of lamotrigine in 2-propanol + water mixtures at T = (293.2 to 313.2) K. <i>Journal of Molecular Liquids</i> , 2019 , 278, 592-599	6	8
490	Solubilization of naproxen: Experimental data and computational tools. <i>Journal of Molecular Liquids</i> , 2019 , 288, 110985	6	7
489	Solubility of sulfacetamide in (ethanol + water) mixtures: Measurement, correlation, thermodynamics, preferential solvation and volumetric contribution at saturation. <i>Journal of Molecular Liquids</i> , 2019 , 290, 111219	6	28
488	Solubility of celecoxib in carbitol + water mixtures at various temperatures: experimental data and mathematical modelling. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 755-767	1.5	7
487	Dispersive liquid-liquid microextraction based on solidification of deep eutectic solvent droplets for analysis of pesticides in farmer urine and plasma by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1124, 1114-121	3.2	45
486	Colorimetric determination of phenytoin using indoxyl sulfate capped silver nanoparticles. <i>Analytical Methods</i> , 2019 , 11, 3324-3330	3.2	3
485	In-situ microscale spectrophotometric determination of phenytoin by using branched gold nanoparticles. <i>Mikrochimica Acta</i> , 2019 , 186, 422	5.8	5
484	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	2.8	9
483	Advanced nanomaterials towards biosensing of insulin: Analytical approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 116, 1-12	14.6	13
482	Density, Speed of Sound, and Viscosity of Diethylene Glycol Monoethyl Ether + N,N-Dimethylformamide (Ethanol, Water) at T = 288.15-318.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1425-1436	2.8	15
481	Highly sensitive and specific cytosensing of HT 29 colorectal cancer cells using folic acid functionalized-KCC-1 nanoparticles. <i>Biosensors and Bioelectronics</i> , 2019 , 132, 122-131	11.8	50
480	Experimental determination and correlation of lamotrigine solubility in aqueous mixtures of 1-octyl-3-methylimidazolium bromide ionic liquid at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2019 , 135, 75-85	2.9	3
479	A new hypothesis to investigate bioequivalence of pharmaceutical inhalation products. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019 , 27, 517-524	3.9	8
478	Effects of fermentable high fiber diet supplementation on gut derived and conventional nitrogenous product in patients on maintenance hemodialysis: a randomized controlled trial. <i>Nutrition and Metabolism</i> , 2019 , 16, 18	4.6	29
477	Effects of N-methylpyrrolidone and temperature on phenytoin solubility. <i>Journal of Molecular Liquids</i> , 2019 , 285, 58-61	6	5

476	The effect of 1-hexyl-3-methylimidazolium bromide ionic liquid as a co-solvent on the aqueous solubility of lamotrigine at T = (293.2 to 313.2) K. <i>Journal of Chemical Thermodynamics</i> , 2019 , 133, 261-271	2.9	13
475	Solubility of ketoconazole in N-methyl-2-pyrrolidone + water mixtures at T = (293.2 to 313.2) K. <i>Journal of Molecular Liquids</i> , 2019 , 281, 150-155	6	20
474	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
473	Experimental and computational approaches for measuring minoxidil solubility in propylene glycol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 280, 334-340	6	5
472	The solubility of bosentan in aqueous-2-propanol mixtures at several temperatures, measurement and data correlation. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 578-586	1.5	2
471	Solubility and thermodynamics of lamotrigine in carbitol + water mixtures from T = (293.2 to 313.2) K. <i>Chemical Engineering Communications</i> , 2019 , 206, 182-192	2.2	13
470	Solution thermodynamics and preferential solvation of hesperidin in aqueous cosolvent mixtures of ethanol, isopropanol, propylene glycol, and n-propanol. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 432-444	1.5	5
469	Equilibrium solubility and apparent specific volume of lidocaine.HCl.H ₂ O in some {cosolvent (1) + water (2)} mixtures at 298.2 K. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 679-688	1.5	5
468	Experimental determination and correlation of bosentan solubility in (PEG 200 + water) mixtures at T= (293.15 to 313.15) K. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 504-515	1.5	4
467	Efficiency comparison of nylon-6-based solid-phase and stir bar sorptive extractors for carbamazepine extraction. <i>Bioanalysis</i> , 2019 , 11, 899-911	2.1	2
466	Thermodynamic analysis of the solubility and preferential solvation of sulfamerazine in (acetonitrile + water) cosolvent mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 293, 111507	6	16
465	Determination of proline in human plasma samples using the encapsulation of proline dehydrogenase enzyme in dendritic silica: a new platform for the enzymatic biosensing of amino acids. <i>Analytical Methods</i> , 2019 , 11, 4609-4619	3.2	4
464	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
463	A new computational method for drug solubility prediction in methanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111369	6	5
462	Measurement and mathematical modeling of ketoconazole solubility in propylene glycol + water mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 291, 111246	6	9
461	Ketoconazole solubility in aqueous binary mixtures of 1-propanol at various temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111382	6	10
460	Derivatization of valproic acid using ferrocene derivatives: Synthesis, characterization and investigation of optical and electrochemical properties. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5007	2.7	3
459	Comments concerning solvent effect and preferential solvation of cefpiramide in cosolvent plus water mixtures. <i>Journal of Molecular Liquids</i> , 2019 , 296, 111964	6	

458	Determination of valproic acid and 3-heptanone in plasma using air-assisted liquid-liquid microextraction with the assistance of vortex: Application in the real samples. <i>BioImpacts</i> , 2019 , 9, 105-113	3.5	6
457	Further Analysis on Solubility Measurement and Thermodynamic Modeling of Benzoic Acid in Monosolvents and Binary Mixtures 2019 , 25, 165-170		1
456	Simultaneous Determination of Phenobarbital, Phenytoin, Carbamazepine and Carbamazepine-10,11-epoxide in Plasma of Epileptic Patients 2019 , 25, 345-351		3
455	Comments on "What if Cocrystallization Fails for Neutral Molecules? Screening Offered Eutectics as Alternate Pharmaceutical Materials: Leflunomide-A Case Study" 2019 , 25, 369-372		1
454	Direct Monitoring of Verapamil Level in Exhaled Breath Condensate Samples 2019 , 25, 50-56		4
453	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
452	Determination of Two Antiepileptic Drugs in Urine by Homogenous Liquid-Liquid Extraction Performed in A Narrow Tube Combined with Dispersive Liquid-liquid Microextraction Followed by Gas Chromatography-flame Ionization Detection. <i>Iranian Journal of Pharmaceutical Research</i> , 2019 , 18, 620-630	1.1	3
451	Development of deep eutectic solvent based solidification of organic droplets-liquid phase microextraction; application to determination of some pesticides in farmers saliva and exhaled breath condensate samples. <i>Analytical Methods</i> , 2019 , 11, 1530-1540	3.2	13
450	A single-shot diagnostic platform based on copper nanoclusters coated with cetyl trimethylammonium bromide for determination of carbamazepine in exhaled breath condensate. <i>Mikrochimica Acta</i> , 2019 , 186, 194	5.8	14
449	Analytical techniques for the determination of verapamil in biological samples and dosage forms: an overview. <i>Bioanalysis</i> , 2019 , 11, 2189-2205	2.1	3
448	Review of the cosolvency models for predicting solubility in solvent mixtures: An update. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2019 , 22, 466-485	3.4	57
447	Measurement and modelling of solubility data for bosentan in 1-propanol + water mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 640-649	1.5	2
446	Sensitive detection and determination of benzodiazepines using silver nanoparticles-N-GQDs ink modified electrode: A new platform for modern pharmaceutical analysis. <i>Microchemical Journal</i> , 2019 , 145, 1050-1057	4.8	25
445	Monitoring of five benzodiazepines using a novel polymeric interface prepared by layer by layer strategy. <i>Microchemical Journal</i> , 2019 , 146, 121-125	4.8	10
444	Ultrasensitive immunoassay of breast cancer type 1 susceptibility protein (BRCA1) using poly (dopamine-beta cyclodextrine-Cetyl trimethylammonium bromide) doped with silver nanoparticles: A new platform in early stage diagnosis of breast cancer and efficient management. <i>Microchemical Journal</i> , 2019 , 145, 778-783	4.8	12
443	Application of bioactive cyclic oligosaccharide on the detection of doxorubicin hydrochloride in unprocessed human plasma sample: A new platform towards efficient chemotherapy. <i>Microchemical Journal</i> , 2019 , 145, 450-455	4.8	24
442	Cross-linked chitosan/thiolated graphene quantum dots as a biocompatible polysaccharide towards aptamer immobilization. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 1091-1105	7.9	34
441	Ultrasensitive bioassay of epitope of Mucin-16 protein (CA 125) in human plasma samples using a novel immunoassay based on silver conductive nano-ink: A new platform in early stage diagnosis of ovarian cancer and efficient management. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 1255-1265	7.9	29

440	A novel paper based immunoassay of breast cancer specific carbohydrate (CA 15.3) using silver nanoparticles-reduced graphene oxide nano-ink technology: A new platform to construction of microfluidic paper-based analytical devices (PADs) towards biomedical analysis. <i>Microchemical Journal</i> , 2019 , 146, 345-358	4.8	36
439	Prediction of paracetamol solubility in cosolvency systems at different temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 273, 282-291	6	19
438	Direct writing of biocatalytic materials based on pens filled with high-tech enzymatic inks: Do-it-Yourself <i>Microchemical Journal</i> , 2019 , 145, 266-272	4.8	13
437	Budesonide solubility in polyethylene glycol 400 + water at different temperatures: Experimental measurement and mathematical modelling. <i>Journal of Molecular Liquids</i> , 2019 , 274, 418-425	6	17
436	Non-invasive quantification of malondialdehyde biomarker in human exhaled breath condensate using self-assembled organic-inorganic nanohybrid: A new platform for early diagnosis of lung disease. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 164, 249-257	3.5	8
435	Solubility of minoxidil in binary mixture of ethanol + water at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 788-799	1.5	8
434	Smart systems for determination of drug's solubility. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 177-187	3.6	8
433	Solution thermodynamics and preferential solvation of triclocarban in {1,4-dioxane (1) + water (2)} mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 55-66	1.5	5
432	Equilibrium solubility, preferential solvation and apparent specific volume of sucrose in some {cosolvent (1) + water (2)} mixtures at 298.2 K. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 259-273	1.5	12
431	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
430	Solubilization of naproxen using N-methyl-2-pyrrolidone or ethanol and β -cyclodextrin. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 75-83	1.5	2
429	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
428	Mathematical derivation of the Jouyban-Acree model to represent solute solubility data in mixed solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2018 , 256, 541-547	6	199
427	Pre-concentration and quantification of aluminum in fish samples using a dispersive liquid-liquid micro-extraction-spectrofluorimetric method based on Al(III)- β -hydroxyquinoline complex fluorescence properties. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 1075-1083	2	1
426	Exhaled breath condensate as an alternative sample for drug monitoring. <i>Bioanalysis</i> , 2018 , 10, 61-64	2.1	30
425	Solubility of Etoricoxib in Aqueous Solutions of Glycerin, Methanol, Polyethylene Glycols 200, 400, 600, and Propylene Glycol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 321-330	2.8	11
424	Comments concerning 'Meta-analysis of the association between vitiligo and the level of superoxide dismutase or malondialdehyde'. <i>Clinical and Experimental Dermatology</i> , 2018 , 43, 319-320	1.8	
423	Solubility of celecoxib in {2-propanol (1) + water (2)} mixtures at various temperatures: Experimental data and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2018 , 254, 1-7	6	46

422	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
421	Viscosity prediction of ionic liquid + molecular solvent mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2018 , 263, 228-236	6	7
420	Solubility and preferential solvation of phenacetin in methanol + water mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 16-32	1.5	15
419	Volumetric properties of {PEG 200 (or 300) (1) + water (2)} mixtures at several temperatures and correlation with the Jouyban-Aree model. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 100-109	1.5	12
418	Solubility and preferential solvation of benzocaine in {methanol (1) + water (2)} mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 465-481	1.5	6
417	Study of some volumetric and refractive properties of {PEG 300 (1) + ethanol (2)} mixtures at several temperatures. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 391-402	1.5	10
416	Comments on "Malondialdehyde: A novel predictive biomarker for post-stroke depression". <i>Journal of Affective Disorders</i> , 2018 , 225, 52-53	6.6	
415	Solubility of budesonide in {ethanol + water} mixtures from T = (293.2 to 313.2) K: Experimental measurement and mathematical modelling. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 751-758	1.5	5
414	Deferiprone solubility in some non-aqueous mono-solvents at different temperatures: experimental data and thermodynamic modelling. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 619-626	1.5	4
413	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
412	Immunosensing of breast cancer prognostic marker in adenocarcinoma cell lysates and unprocessed human plasma samples using gold nanostructure coated on organic substrate. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1082-1089	7.9	45
411	Non-volatile compounds in exhaled breath condensate: review of methodological aspects. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 6411-6440	4.4	23
410	Solubility of naproxen in ternary mixtures of {ethanol + propylene glycol + water} at various temperatures: Data correlation and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2018 , 268, 517-522	6	8
409	Simultaneous determination of valproic acid and its main metabolite in human plasma using a small scale dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. <i>Journal of the Iranian Chemical Society</i> , 2018 , 15, 2503-2510	2	1
408	Targeting and sensing of some cancer cells using folate bioreceptor functionalized nitrogen-doped graphene quantum dots. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1021-1034	7.9	54
407	Solubilization of drugs using sodium lauryl sulfate: Experimental data and modeling. <i>Journal of Molecular Liquids</i> , 2018 , 268, 410-414	6	22
406	Nanomaterials based optical biosensing of hepatitis: Recent analytical advancements. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 107, 169-180	14.6	13
405	A global version of modified Wilson model for solubility prediction of drugs in methanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2018 , 269, 609-618	6	3

404	Budesonide solubility in some non-aqueous mono-solvents at different temperatures: Measurements and mathematical correlation with Abraham model. <i>Journal of Molecular Liquids</i> , 2018 , 269, 461-466	6	2
403	Avoid using spectrophotometric determination of malondialdehyde as a biomarker of oxidative stress. <i>Biomarkers in Medicine</i> , 2018 , 12, 551-554	2.3	6
402	Microextraction of Furosemide from Human Serum and Its Fluorimetric Determination 2018 , 24, 71-78		3
401	Solubility and Apparent Specific Volume of Sucrose in Some Aqueous Polyethylene Glycol Mixtures at 298.2 K 2018 , 24, 163-167		13
400	Apparent Specific Volumes of Sucrose in Different Aqueous Cosolvent Mixtures at 298.2 K 2018 , 24, 324-331		1
399	A Sensitive Determination of Ammonia and Nitrite in Exhaled Breath Condensate of Healthy Humans by Using Berthelot Reaction. <i>Current Pharmaceutical Analysis</i> , 2018 , 14, 555-561	0.6	6
398	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
397	Liquid Chromatographic Determination of Malondialdehyde in Plasma Samples After Liquid-Liquid Microextraction. <i>Current Analytical Chemistry</i> , 2018 , 14, 416-422	1.7	1
396	Development of a Micellar Electrokinetic Chromatographic Method with Indirect UV Detection for Pregabalin Determination in Serum Samples 2018 , 24, 298-303		1
395	Solubility Prediction of Drugs in Binary Solvent Mixtures at Various Temperatures Using a Minimum Number of Experimental Data Points. <i>AAPS PharmSciTech</i> , 2018 , 20, 10	3.9	29
394	Determination and mathematical modelling of budesonide solubility in N-methyl-2-pyrrolidone + water mixtures from T = 293.2 to 313.2 K. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 834-842	1.5	3
393	Further calculations on solubility of dipyrone in some binary solvent mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 816-820	1.5	1
392	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
391	Ultrasensitive immunoassay of tumor protein CA 15.3 in MCF-7 breast cancer cell lysates and unprocessed human plasma using gold nanoparticles doped on the structure of mesoporous silica. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2493-2508	7.9	21
390	Enthalpy-entropy compensation analysis of the triclocarban dissolution process in some {1,4-dioxane (1) + water (2)} mixtures. <i>Journal of Molecular Liquids</i> , 2018 , 271, 522-529	6	22
389	Application of chitosan as biocompatible polysaccharide in quantification of some benzodiazepines affecting sleep disorders: A new platform for preparation of bioactive scaffolds. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2466-2481	7.9	13
388	The use of chitosan as a bioactive polysaccharide in non-invasive detection of malondialdehyde biomarker in human exhaled breath condensate: A new platform towards diagnosis of some lung disease. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2482-2492	7.9	12
387	Generally trained models to predict drug solubility in methanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2018 , 264, 631-644	6	18

386	Comment on Measurement and Correlation of the Solubility of 2,6-Dihydroxybenzoic Acid in Alcohols and Binary Solvents□ <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 2329-2331	2.8	1
385	A lighter-than-water deep eutectic-solvent-based dispersive liquid-phase microextraction method in a U-shaped homemade device. <i>New Journal of Chemistry</i> , 2018 , 42, 10100-10110	3.6	15
384	Probing the specific binding of folic acid to folate receptor using amino-functionalized mesoporous silica nanoparticles for differentiation of MCF 7 tumoral cells from MCF 10A. <i>Biosensors and Bioelectronics</i> , 2018 , 115, 61-69	11.8	44
383	Electrochemical recognition of taurine biomarker in unprocessed human plasma samples using silver nanoparticlebased nanocomposite: A new platform for early stage diagnosis of neurodegenerative diseases of the nervous system. <i>Journal of Molecular Recognition</i> , 2018 , 31, e2739	2.6	12
382	Preferential solvation of etoricoxib in some aqueous binary cosolvent mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2017 , 55, 291-303	1.5	68
381	Comments on "Altered lipid peroxidation markers are related to post-traumatic stress disorder (PTSD) and not trauma itself in earthquake survivors". <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017 , 267, 595-596	5.1	
380	Solubility and preferential solvation of some n-alkyl-parabens in methanol+water mixtures at 298.15K. <i>Journal of Chemical Thermodynamics</i> , 2017 , 108, 26-37	2.9	57
379	Solubilization of bosentan using ethanol as a pharmaceutical cosolvent. <i>Journal of Molecular Liquids</i> , 2017 , 232, 152-158	6	22
378	Comment on Solubility of Trimethoprim in Selected Pure Solvents and (Water + Ethanol/2-Propanol) Mixed-Solvent Systems□ <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1157-1160	2.8	1
377	Solubility prediction of deferiprone in N-methyl-2-pyrrolidone + ethanol mixtures at various temperatures using a minimum number of experimental data. <i>Physics and Chemistry of Liquids</i> , 2017 , 1-12	1.5	4
376	Correct Derivation of Cosolvency Models and Some Comments on Solubility of Fenofibrate in Different Binary Solvents: Experimental Data and Results of Thermodynamic Modeling□ <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1153-1156	2.8	7
375	Solubilization of lamotrigine using Tween 80 and ethylene glycol or propylene glycol. <i>Journal of Molecular Liquids</i> , 2017 , 236, 249-253	6	13
374	A new "turn-on" fluorescent sensor based on gold quantum dots and silver nanoparticles for lamotrigine detection in plasma. <i>Talanta</i> , 2017 , 172, 126-132	6.2	8
373	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
372	Comment on Measurement and Correlation of the Solubility of Maltitol in Different Pure Solvents, Methanol/Water Mixtures, and Ethanol/Water Mixtures□ <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1919-1924	2.8	3
371	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
370	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
369	Dispersive micro-solid-phase extraction using carbon-based adsorbents for the sensitive determination of verapamil in plasma samples coupled with capillary electrophoresis. <i>Journal of Separation Science</i> , 2017 , 40, 3318-3326	3.4	25

368	Amidosulfonic acid-capped silver nanoparticles for the spectrophotometric determination of lamotrigine in exhaled breath condensate. <i>Mikrochimica Acta</i> , 2017 , 184, 2991-2998	5.8	16
367	Comments on Thermodynamic Models for Correlation of Solubility of Hexaquocobalt(II) Bis(p-toluenesulfonate) in Liquid Mixtures of Water and Ethanol from 288.15 to 333.15 K. <i>Journal of Solution Chemistry</i> , 2017 , 46, 734-737	1.8	2
366	Further calculations on solubility of 2-chloro-3-(trifluoromethyl)pyridine in ethanol + 1-propanol solvent mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2017 , 240, 678-681	6	
365	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
364	Preparation of lycopene nanodispersions from tomato processing waste: Effects of organic phase composition. <i>Food and Bioproducts Processing</i> , 2017 , 103, 104-113	4.9	18
363	Chiral separation of methadone in exhaled breath condensate using capillary electrophoresis. <i>Analytical Methods</i> , 2017 , 9, 2342-2350	3.2	30
362	Electrochemical sensing of doxorubicin in unprocessed whole blood, cell lysate, and human plasma samples using thin film of poly-arginine modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2017 , 77, 790-802	8.3	35
361	Solubility, potentiometric and thermodynamic studies on zinc-bosentan complex; synthesis and X-ray crystal structure. <i>Journal of Molecular Liquids</i> , 2017 , 234, 64-72	6	
360	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	6	30
359	Multispectral and molecular docking studies on the interaction of human serum albumin with iohexol. <i>Journal of Molecular Liquids</i> , 2017 , 248, 459-467	6	21
358	Development of a Terbium-Sensitized Fluorescence Method for Analysis of Silibinin. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 686-691	1.7	9
357	Investigation of the binding mechanism and inhibition of bovine liver catalase by quercetin: Multi-spectroscopic and computational study. <i>BiolImpacts</i> , 2017 , 7, 147-153	3.5	26
356	Solubility and Preferential Solvation of Caffeine and Theophylline in {Methanol + Water} Mixtures at 298.15 K. <i>Journal of Solution Chemistry</i> , 2017 , 46, 1605-1624	1.8	15
355	Solubilization of celecoxib, lamotrigine and phenytoin using ethanol and a nonionic surfactant. <i>Journal of Molecular Liquids</i> , 2017 , 243, 715-719	6	6
354	Analysis of deferiprone in exhaled breath condensate using silver nanoparticle-enhanced terbium fluorescence. <i>Analytical Methods</i> , 2017 , 9, 5640-5645	3.2	15
353	Development and validation of a novel fluorometric sensor for hydrogen peroxide monitoring in exhaled breath condensate. <i>Analytical Methods</i> , 2017 , 9, 4371-4379	3.2	6
352	Highly sensitive immunosensing of prostate specific antigen using poly cysteine capped by graphene quantum dots and gold nanoparticle: A novel signal amplification strategy. <i>International Journal of Biological Macromolecules</i> , 2017 , 105, 522-532	7.9	55
351	Further computations on physico-chemical properties of binary solvent mixtures of N,N-dimethylformamide with N-propylpropan-1-amine, N-butylbutan-1-amine, butan-1-amine and hexan-1-amine at several temperatures. <i>Journal of Molecular Liquids</i> , 2017 , 242, 928-930	6	2

350	Comments on Temperature-dependent solubility of Alanine in different binary solvents from 288.15 K to 323.15 K: Measurement and thermodynamic modeling <i>Journal of Molecular Liquids</i> , 2017 , 243, 245-248	6	
349	Comments on "An Investigation into the Serum Thioredoxin, Superoxide Dismutase, Malondialdehyde, and Advanced Oxidation Protein Products in Patients with Breast Cancer". <i>Annals of Surgical Oncology</i> , 2017 , 24, 573-576	3.1	
348	Ensuring food safety using aptamer based assays: Electroanalytical approach. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 94, 77-94	14.6	43
347	Solubility of phenobarbital in aqueous cosolvent mixtures revisited: IKBI preferential solvation analysis. <i>Physics and Chemistry of Liquids</i> , 2017 , 55, 432-443	1.5	52
346	Materials and methods of signal enhancement for spectroscopic whole blood analysis: Novel research overview. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 86, 122-142	14.6	21
345	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
344	Essential Oil Constituents of <i>Phlomis pungens</i> Willd. from Azerbaijan. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017 , 20, 1492-1501	1.7	
343	Density, viscosity, surface tension, and molar volume of propylene glycol + water mixtures from 293 to 323 K and correlations by the Jouyban-Acree model. <i>Arabian Journal of Chemistry</i> , 2017 , 10, S71-S75	5.9	52
342	Effects of Resveratrol on the Structure and Catalytic Function of Bovine Liver catalase (BLC): Spectroscopic and Theoretical Studies. <i>Advanced Pharmaceutical Bulletin</i> , 2017 , 7, 349-357	4.5	24
341	Co-liquefaction with acetone and GC analysis of volatile compounds in exhaled breath as lung cancer biomarkers. <i>BioImpacts</i> , 2017 , 7, 99-108	3.5	5
340	Pharmaceuticals Solubility is Still Nowadays Widely Studied Everywhere 2017 , 23, 1-2		66
339	Effects of Analytical Procedures on the Repeatability of Malondialdehyde Determinations in Biological Samples 2017 , 23, 193-197		2
338	LC-MS/MS Estimation of Propranolol level in Exhaled Breath Condensate 2017 , 23, 264-270		10
337	Modelling the Preferential Solvation of Ferulic Acid in {2-Propanol (1) + Water (2)} Mixtures at 298.15 K 2017 , 23, 330-334		1
336	Methadone Concentrations in Exhaled Breath Condensate, Serum and Urine of Patients Under Maintenance Treatment. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 1621-1630	1.1	10
335	Prediction of Electrophoretic Mobility of Analytes Using Abraham Solvation Parameters by Different Chemometric Methods. <i>Current Analytical Chemistry</i> , 2017 , 13,	1.7	8
334	A Microextraction Liquid-Chromatographic Determination of Aristolochic Acid I in Urine, Flour, and Aristolochiaceae Fruit. <i>Current Pharmaceutical Analysis</i> , 2017 , 13,	0.6	6
333	Determination of 2-Octanone in Biological Samples Using Liquid-Liquid Microextractions Followed by Gas Chromatography-Flame Ionization Detection 2017 , 23, 121-128		2

332	Comments on "Solubility and thermodynamic behavior of vanillin in propane-1,2-diol+water cosolvent mixtures at different temperatures". <i>Food Chemistry</i> , 2016 , 192, 1049-50	8.5	4
331	Solubility and Preferential Solvation of Sulfanilamide, Sulfamethizole and Sulfapyridine in Methanol + Water Mixtures at 298.15 K. <i>Journal of Solution Chemistry</i> , 2016 , 45, 1479-1503	1.8	18
330	Magnetic mesoporous silica: a novel nano-material towards electrochemical sensing. <i>Journal of Electroceramics</i> , 2016 , 37, 85-91	1.5	3
329	Mathematical Representation of the Stability of Ibuprofen in Binary and Ternary Solvent Mixtures at Various Temperatures. <i>Journal of Solution Chemistry</i> , 2016 , 45, 1785-1796	1.8	
328	Solubility, solution thermodynamics, and preferential solvation of piroxicam in ethyl acetate + ethanol mixtures. <i>Journal of Molecular Liquids</i> , 2016 , 221, 72-81	6	16
327	Solubility of trisodium citrate in water + methanol mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2016 , 221, 166-170	6	7
326	Sensing of doxorubicin hydrochloride using graphene quantum dot modified glassy carbon electrode. <i>Journal of Molecular Liquids</i> , 2016 , 221, 354-357	6	39
325	Correct derivation of a combined version of the Jouyban-Acree and van-Hoff model and some comments on Determination and correlation of the solubility of myricetin in ethanol and water mixtures from 288.15 to 323.15 K. <i>Physics and Chemistry of Liquids</i> , 2016 , 1-10	1.5	5
324	Solubility and apparent specific volume at saturation of some pharmaceutical salts in methanol + water mixtures at 298.15 K. <i>Journal of Molecular Liquids</i> , 2016 , 220, 842-847	6	14
323	Solubility of naproxen in some aqueous mixtures of N-methyl-2-pyrrolidone at various temperatures. <i>Journal of Molecular Liquids</i> , 2016 , 220, 484-488	6	8
322	Solubility and preferential solvation of acetaminophen in methanol + water mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2016 , 54, 515-528	1.5	28
321	Comments on "Salivary 8-hydroxy-2-deoxyguanosine, malondialdehyde, vitamin C, and vitamin E in oral pre-cancer and cancer: diagnostic value and free radical mechanism of action". <i>Clinical Oral Investigations</i> , 2016 , 20, 395-6	4.2	4
320	Forced degradation studies of biopharmaceuticals: Selection of stress conditions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 98, 26-46	5.7	48
319	Co-solubilization of Lamotrigine by Complexation and Micellization in Binary Solvent Mixtures. <i>Chemical Engineering Research and Design</i> , 2016 , 105, 64-70	5.5	9
318	Further comments on "Solubility and thermodynamic behavior of vanillin in propane-1,2-diol+water cosolvent mixtures at different temperatures". <i>Food Chemistry</i> , 2016 , 196, 757-9	8.5	7
317	Variations of malondialdehyde in pre-eclampsia. <i>Hypertension in Pregnancy</i> , 2016 , 35, 346-9	2	5
316	Further calculations on solubility of 3-amino-1-adamantanol in ethanol + water binary solvent mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2016 , 219, 211-215	6	21
315	Modeling, solubility, and thermodynamic aspects of sodium phenytoin in propylene glycol+water mixtures. <i>Journal of Molecular Liquids</i> , 2016 , 219, 68-73	6	9

314	Solution thermodynamics and preferential solvation of sulfamethazine in (methanol + water) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 264-276	2.9	74
313	Further numerical analysis on the solubility of ibrutinib in ethanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2016 , 218, 35-38	6	15
312	Calculation of solubility of N-ethylcarbazole in ethanol+petroleum ether mixtures at various temperatures. <i>Korean Journal of Chemical Engineering</i> , 2016 , 33, 1698-1705	2.8	3
311	Graphene quantum dot modified glassy carbon electrode for the determination of doxorubicin hydrochloride in human plasma. <i>Journal of Pharmaceutical Analysis</i> , 2016 , 6, 235-241	14	83
310	A capillary electrophoretic-mass spectrometric method for the assessment of octreotide stability under stress conditions. <i>Journal of Chromatography A</i> , 2016 , 1429, 354-63	4.5	5
309	Comments on Solubility and thermodynamic function of a new anticancer drug ibrutinib in {2-(2-ethoxyethoxy)ethanol + water} mixtures at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 95, 180-182	2.9	17
308	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	6	37
307	A new kinetic-mechanistic approach to elucidate electrooxidation of doxorubicin hydrochloride in unprocessed human fluids using magnetic graphene based nanocomposite modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2016 , 61, 638-50	8.3	61
306	Vortex-assisted liquid-liquid extraction combined with field-amplified sample injection and sweeping micellar electrokinetic chromatography for improved determination of β blockers in human urine. <i>Talanta</i> , 2016 , 149, 298-309	6.2	21
305	Solubility of Acetaminophen in Ethanol + Water + NaCl Mixtures at Various Temperatures. <i>Chemical Engineering Communications</i> , 2016 , 203, 471-475	2.2	1
304	Development and Validation of A Spectrofluorimetric Determination of Calf Thymus DNA Using a Terbium-Danofloxacin Probe. <i>Pharmaceutical Sciences</i> , 2016 , 22, 2-8		6
303	Microextraction Methods for Preconcentration of Aluminium in Urine Samples. <i>Pharmaceutical Sciences</i> , 2016 , 22, 87-95		11
302	Further Numerical Analyses on the Solubility of Sulfapyridine in Ethanol + Water Mixtures 2016 , 22, 143-152		38
301	An Improved Automated Setup for Solubility Determination of Drugs 2016 , 22, 210-214		3
300	Dramatic improvement in dissolution rate of albendazole by a simple, one-step, industrially scalable technique. <i>Research in Pharmaceutical Sciences</i> , 2016 , 11, 435-444	2.6	5
299	Direct Analysis of Methadone in Exhaled Breath Condensate by Capillary Zone Electrophoresis. <i>Current Pharmaceutical Analysis</i> , 2016 , 12, 137-145	0.6	19
298	SOME NUMERICAL ANALYSES ON THE SOLUBILITY OF VANILLIN IN CARBITOL + WATER SOLVENT MIXTURES. <i>Revista Colombiana De Quimica</i> , 2016 , 44, 34-39	0.6	8
297	Salivary malondialdehyde as an oxidative stress biomarker in oral and systemic diseases. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2016 , 10, 71-4	1	13

296	Density and molar volumes of imidazolium-based ionic liquid mixtures and prediction by the Jouyban-Acree model 2016 ,		1
295	Graphene quantum dot as an electrically conductive material toward low potential detection: a new platform for interface science. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 6488-6495	2.1	38
294	Preferential solvation of nifedipine in some aqueous co-solvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2016 , 54, 563-573	1.5	7
293	Comments on Solubility and solution thermodynamics of 2,3,4,5-tetrabromothiophene in (ethanol+Trichloromethane) binary solvent mixtures <i>Fluid Phase Equilibria</i> , 2016 , 421, 88-92	2.5	2
292	Reliability of Malondialdehyde Measurements as a Marker of Oxidative Stress in Pediatrics. <i>Pediatrics and Neonatology</i> , 2016 , 57, 450	1.8	4
291	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
290	Comments concerning Experimental determination and correlation of the solubility of 4-hydroxy-2,5-dimethyl-3(2H)-Furanone (DMHF) in binary (ethanol+water) solvent mixtures <i>Journal of Molecular Liquids</i> , 2016 , 213, 273-275	6	3
289	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
288	Interaction of some cardiovascular drugs with bovine serum albumin at physiological conditions using glassy carbon electrode: A new approach. <i>Materials Science and Engineering C</i> , 2016 , 65, 97-108	8.3	9
287	Silica-based mesoporous organic-inorganic nano-hybrid: a novel electroceramic nanomaterial for electroanalytical determination of selected cardiovascular drugs in human serum. <i>Journal of Analytical Chemistry</i> , 2016 , 71, 386-395	1.1	1
286	Solubility of Sodium Phenytoin in Ethanol + Water Mixtures at Various Temperatures. <i>Chemical Engineering Communications</i> , 2016 , 203, 1009-1012	2.2	4
285	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
284	Modeling the solubility and preferential solvation of gallic acid in cosolvent + water mixtures. <i>Journal of Molecular Liquids</i> , 2016 , 224, 502-506	6	111
283	Synthesis, X-ray crystal structure and solubility of a new zinc-propranolol complex: Potentiometric and thermodynamic studies in methanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2016 , 224, 684-693	6	6
282	A possible reason for the low reproducibility of malondialdehyde determinations in biological samples. <i>Bioanalysis</i> , 2016 , 8, 2179-2181	2.1	5
281	Electrodeposition of taurine on gold surface and electro-oxidation of malondialdehyde. <i>Surface Engineering</i> , 2015 , 31, 194-201	2.6	22
280	Detection limit enhancement of antiarrhythmic drugs in human plasma using capillary electrophoresis with dispersive liquid-liquid microextraction and field-amplified sample stacking method. <i>Bioanalysis</i> , 2015 , 7, 21-37	2.1	16
279	Herbal diuretics in medieval Persian and Arabic medicine. <i>Journal of Alternative and Complementary Medicine</i> , 2015 , 21, 309-20	2.4	6

278	Lamotrigine Solubility in Some Nonaqueous Solvent Mixtures at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 2490-2494	2.8	11
277	Solubility of Etoricoxib in Aqueous Solutions of 1,4-Butanediol, 1,4-Dioxane, N,N-Dimethylacetamide, N,N-Dimethylformamide, Dimethyl Sulfoxide, and Ethanol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 2128-2134	2.8	8
276	Capillary electrophoresis with UV detection, on-line stacking and off-line dispersive liquid-liquid microextraction for determination of verapamil enantiomers in plasma. <i>Analytical Methods</i> , 2015 , 7, 5820-5829 ³¹	2.2	31
275	Solubility of Tris(hydroxymethyl)aminomethane in Water + Methanol +1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 2515-2520	2.8	5
274	Solubility and saturation apparent specific volume of some sodium sulfonamides in propylene glycol + water mixtures at 298.15 K. <i>Journal of Molecular Liquids</i> , 2015 , 211, 192-196	6	13
273	Solubility of Ketoconazole in Ethanol + Water Mixtures at Various Temperatures. <i>Chemical Engineering Communications</i> , 2015 , 202, 1211-1215	2.2	21
272	A dispersive liquid-liquid microextraction and chiral separation of carvedilol in human plasma using capillary electrophoresis. <i>Bioanalysis</i> , 2015 , 7, 1107-17	2.1	25
271	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
270	Comments Concerning "Comparison of Airway and Systemic Malondialdehyde Levels for Assessment of Oxidative Stress in Cystic Fibrosis". <i>Lung</i> , 2015 , 193, 867-8	2.9	6
269	Are Crystallinity Parameters Critical for Drug Solubility Prediction?. <i>Journal of Solution Chemistry</i> , 2015 , 44, 2297-2315	1.8	11
268	The potential of the capillary electrophoresis techniques for quality control of biopharmaceuticals-a review. <i>Electrophoresis</i> , 2015 , 36, 831-58	3.6	52
267	Viscosity and surface tension of glycerol + N-methyl-2-pyrrolidone mixtures from 293 to 323 K. <i>Physics and Chemistry of Liquids</i> , 2015 , 53, 104-116	1.5	11
266	Determination of five antiarrhythmic drugs in human plasma by dispersive liquid-liquid microextraction and high-performance liquid chromatography. <i>Talanta</i> , 2015 , 134, 681-689	6.2	53
265	Solubility of Tadalafil in Pharmaceutical Solvent Mixtures at 298.2K. <i>Chemical Engineering Communications</i> , 2015 , 202, 1522-1527	2.2	3
264	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
263	Mesoporous (organo) silica decorated with magnetic nanoparticles as a reusable nanoadsorbent for arsenic removal from water samples. <i>Environmental Technology (United Kingdom)</i> , 2015 , 36, 36-44	2.6	17
262	The Relationship between Solubility and Transdermal Absorption of Tadalafil. <i>Advanced Pharmaceutical Bulletin</i> , 2015 , 5, 411-7	4.5	15
261	Reliability of malondialdehyde as a biomarker of oxidative stress in psychological disorders. <i>BiolImpacts</i> , 2015 , 5, 123-7	3.5	110

260	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
259	Surface tension in human pathophysiology and its application as a medical diagnostic tool. <i>BiolImpacts</i> , 2015 , 5, 29-44	3.5	28
258	Prediction of analytes' electrophoretic mobility in mixed solvent buffers using Abraham solvation parameters. <i>Analytical Methods</i> , 2015 , 7, 8123-8128	3.2	
257	Thermodynamic Solubility Profile of Carbamazepine-Cinnamic Acid Cocrystal at Different pH. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2559-65	3.9	29
256	Solubility and preferential solvation of sulfadiazine, sulfamerazine and sulfamethazine in propylene glycol+water mixtures at 298.15K. <i>Journal of Molecular Liquids</i> , 2015 , 204, 132-136	6	35
255	Prediction of deferiprone solubility in some non-aqueous binary solvent mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2015 , 203, 16-19	6	6
254	Solubility of naproxen in 2-propanol+water mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2015 , 206, 110-113	6	61
253	Spectroscopic analysis of bosentan in biological samples after a liquid-liquid microextraction. <i>BiolImpacts</i> , 2015 , 5, 191-7	3.5	7
252	QSAR Analysis of Cyclooxygenase Inhibitors Selectivity Index (COX1/COX2): Application of SVM-RBF and MLR Methods. <i>Pharmaceutical Sciences</i> , 2015 , 21, 86-93		4
251	Solubility of Sodium Phenytoin in Propylene Glycol + Water Mixtures in the Presence of B-Cyclodextrin. <i>Pharmaceutical Sciences</i> , 2015 , 21, 152-156		5
250	Pre-Concentration Approaches Combined with Capillary Electrophoresis in Bioanalysis of Chiral Cardiovascular Drugs. <i>Pharmaceutical Sciences</i> , 2015 , 21, 229-243		23
249	Comments on "Use of Malondialdehyde as a Biomarker for Assessing Oxidative Stress in Different Disease Pathologies: A Review". <i>Iranian Journal of Public Health</i> , 2015 , 44, 714-5	0.7	7
248	Solubility of Naproxen in Polyethylene Glycol 200 + Water Mixtures at Various Temperatures. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 1041-50	1.1	6
247	Determination of valproic acid in human plasma using dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. <i>Iranian Journal of Basic Medical Sciences</i> , 2015 , 18, 979-88	1.8	10
246	Critical Review of Malondialdehyde Analysis in Biological Samples. <i>Current Pharmaceutical Analysis</i> , 2015 , 12, 4-17	0.6	28
245	Herbs and hazards: risk of aristolochic acid nephropathy in Iran. <i>Iranian Journal of Kidney Diseases</i> , 2015 , 9, 14-7	0.9	10
244	Magnetic nanoparticles incorporated on functionalized mesoporous silica: an advanced electrochemical sensor for simultaneous determination of amiodarone and atenolol. <i>RSC Advances</i> , 2014 , 4, 4710-4717	3.7	26
243	Solubility of fluphenazine decanoate in aqueous mixtures of polyethylene glycols 400 and 600 at various temperatures. <i>Fluid Phase Equilibria</i> , 2014 , 368, 58-64	2.5	19

242	Electropolymerization of taurine on gold surface and its sensory application for determination of captopril in undiluted human serum. <i>Materials Science and Engineering C</i> , 2014 , 38, 197-205	8.3	24
241	Comments on "prediction of drug solubility in lipid mixtures from the individual ingredients". <i>AAPS PharmSciTech</i> , 2014 , 15, 83-5	3.9	4
240	Interaction of human serum albumin with Fe(III)-deferasirox studied by multispectroscopic methods. <i>Journal of Luminescence</i> , 2014 , 149, 251-257	3.8	18
239	Desirability function approach for the optimization of an in-syringe ultrasound-assisted emulsification-microextraction method for the simultaneous determination of amlodipine and nifedipine in plasma samples. <i>Journal of Separation Science</i> , 2014 , 37, 1467-74	3.4	20
238	Physicochemical characterization of a new cocrystal of ketoconazole. <i>Powder Technology</i> , 2014 , 262, 242-248	5.2	25
237	Determination of lisinopril using β -cyclodextrin/graphene oxide-SO ₃ H modified glassy carbon electrode. <i>Journal of Applied Electrochemistry</i> , 2014 , 44, 821-830	2.6	35
236	Studies of interaction between terbium(III)-deferasirox and double helix DNA by spectral and electrochemical methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 120, 467-72	4.4	26
235	Solubility of carbamazepine, nicotinamide and carbamazepine-nicotinamide cocrystal in ethanol-water mixtures. <i>Fluid Phase Equilibria</i> , 2014 , 363, 97-105	2.5	40
234	Solubility of Tris(hydroxymethyl)aminomethane in Water + 1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 3723-3727	2.8	11
233	Solubility and Solution Thermodynamics of Meloxicam in 1,4-Dioxane and Water Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 16550-16558	3.9	42
232	A new mechanistic approach to elucidate furosemide electrooxidation on magnetic nanoparticles loaded on graphene oxide modified glassy carbon electrode. <i>RSC Advances</i> , 2014 , 4, 6580	3.7	24
231	Determination of diltiazem in the presence of timolol in human serum samples using a nanoFe ₃ O ₄ @GO modified glassy carbon electrode. <i>RSC Advances</i> , 2014 , 4, 51734-51744	3.7	12
230	Preferential solvation of methocarbamol in aqueous binary co-solvent mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2014 , 52, 726-737	1.5	66
229	Composition and Temperature Dependence of Density, Surface Tension, and Viscosity of EMIM DEP/MMIM DMP + Water + 1-Propanol/2-Propanol Ternary Mixtures and Their Mathematical Representation Using the Jouyban-Acree Model. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2305-2309	2.8	38
228	SOLUBILITY OF ACETAMINOPHEN AND IBUPROFEN IN BINARY AND TERNARY MIXTURES OF POLYETHYLENE GLYCOLS 200 AND 400, PROPYLENE GLYCOL, AND WATER AT 25°C. <i>Chemical Engineering Communications</i> , 2014 , 201, 1606-1619	2.2	6
227	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
226	Solubility Determination of Tris(hydroxymethyl)aminomethane in Water + Methanol Mixtures at Various Temperatures Using a Laser Monitoring Technique. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2305-2309	2.8	30
225	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

224	Solubility and preferential solvation of meloxicam in methanol + water mixtures at 298.15 K. <i>Journal of Molecular Liquids</i> , 2014 , 197, 368-373	6	38
223	Solubility of Sodium Acetate in Ternary Mixtures of Methanol, 1-Propanol, Acetonitrile, and Water at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 2670-2676	2.8	3
222	Biological sample preparation: attempts on productivity increasing in bioanalysis. <i>Bioanalysis</i> , 2014 , 6, 1691-710	2.1	30
221	Solubility of Ketoconazole in Polyethylene Glycol 200 + Water Mixtures at 298.2B18.2 K. <i>Journal of Solution Chemistry</i> , 2014 , 43, 950-958	1.8	17
220	Prediction of deferiprone solubility in aqueous mixtures of ethylene glycol, propylene glycol and polyethylene glycol 400 at various temperatures. <i>Journal of Molecular Liquids</i> , 2014 , 197, 171-175	6	15
219	Discrimination of saffron based on thin-layer chromatography and image analysis. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014 , 27, 274-280	0.9	10
218	Evaluation of solubility and dissolution profile of itraconazole after cogrinding with various hydrophilic carriers. <i>Journal of Drug Delivery Science and Technology</i> , 2014 , 24, 653-658	4.5	7
217	Solubility of clonazepam and diazepam in binary and ternary mixtures of polyethylene glycols 400 or 600, propylene glycol and water at 298.2K - experimental data and modeling. <i>Journal of the Serbian Chemical Society</i> , 2014 , 79, 445-456	0.9	6
216	Salt-assisted LLE combined with field-amplified sample stacking in CE for improved determination of beta blocker drugs in human urine. <i>Bioanalysis</i> , 2014 , 6, 319-34	2.1	11
215	A Simple Stability Indicating CZE Method for the Analysis of Octreotide Acetate. <i>Chromatographia</i> , 2014 , 77, 1347-1357	2.1	7
214	Solubility of Tris(hydroxymethyl)aminomethane in Methanol + 1-Propanol Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 4227-4230	2.8	9
213	Solubilization of Clonazepam, Diazepam and Lamotrigine Using Ethanol and Sodium Dodecyl Sulfate. <i>Journal of Solution Chemistry</i> , 2014 , 43, 1997-2009	1.8	5
212	Solubility of phenytoin in aqueous mixtures of ethanol and sodium dodecyl sulfate at 298 K. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2014 , 43, 153-161	0.6	5
211	Spectrofluorimetric determination of cefixime using terbium-danofloxacin probe. <i>Iranian Journal of Basic Medical Sciences</i> , 2014 , 17, 256-62	1.8	5
210	Non-aqueous electromigration analysis of some degradation products of carvedilol. <i>Iranian Journal of Pharmaceutical Research</i> , 2014 , 13, 471-86	1.1	2
209	A stability indicating capillary electrophoresis method for analysis of buserelin. <i>Iranian Journal of Pharmaceutical Research</i> , 2014 , 13, 797-807	1.1	9
208	Capillary Electrophoresis with Organic Solvents in Pharmaceutical Analysis: A Systematic Guide through the Background. <i>Current Analytical Chemistry</i> , 2014 , 10, 248-266	1.7	16
207	Determination of heparin using terbium-danofloxacin as a luminescent probe. <i>Journal of Applied Spectroscopy</i> , 2013 , 80, 104-110	0.7	6

206	Ultratrace determination of arsenic in water samples by electrothermal atomic absorption spectrometry after pre-concentration with Mg-Al-Fe ternary layered double hydroxide nano-sorbent. <i>Talanta</i> , 2013 , 116, 604-10	6.2	29
205	Serum selenium levels of the very low birth weight premature newborn infants with bronchopulmonary dysplasia. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013 , 27, 317-21	4.1	6
204	Solubility of Nifedipine in Ethanol + Water and Propylene Glycol + Water Mixtures at 293.2 to 313.2 K. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 14353-14358	3.9	87
203	Solubility of Sodium Acetate in Binary Mixtures of Methanol, 1-Propanol, Acetonitrile, and Water at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 3399-3404	2.8	7
202	Solubility and dissolution rate of a carbamazepine-ninnamic acid cocrystal. <i>Journal of Molecular Liquids</i> , 2013 , 187, 171-176	6	42
201	Solubility of methocarbamol in some cosolvent+water mixtures at 298.15K and correlation with the Jouyban-Acree model. <i>Journal of Molecular Liquids</i> , 2013 , 188, 162-166	6	27
200	Solution Thermodynamics of Piroxicam in some Ethanol + Water Mixtures and Correlation with the Jouyban-Acree Model. <i>Journal of Solution Chemistry</i> , 2013 , 42, 358-371	1.8	28
199	Solubility of amiodarone HCl in propylene glycol+ethanol, propylene glycol+water and their ternary solvent mixtures at 25 and 37°C. <i>Journal of Molecular Liquids</i> , 2013 , 186, 52-55	6	22
198	Solubility Data of Diazepam in Binary and Ternary Mixtures of PEGs 200 and 400 with N-Methyl Pyrrolidone and Water at 298.2 K: Experimental Data and Modeling. <i>Journal of Solution Chemistry</i> , 2013 , 42, 2281-2295	1.8	7
197	Solubility of ranitidine hydrochloride in solvent mixtures of PEG 200, PEG 400, ethanol and propylene glycol at 25°C. <i>Journal of Molecular Liquids</i> , 2013 , 182, 91-94	6	20
196	Solubility of lamotrigine in binary and ternary mixtures of N-methyl pyrrolidone and water with polyethylene glycols 200, 400, and 600 at 298.2 K. <i>Journal of Molecular Liquids</i> , 2013 , 180, 1-6	6	38
195	Modelling aldehyde oxidase activity in aqueous-organic solvent mixtures at various temperatures. <i>Journal of King Saud University - Science</i> , 2013 , 25, 229-233	3.6	0
194	Solubility of sulfapyridine in propylene glycol+water mixtures and correlation with the Jouyban-Acree model. <i>Fluid Phase Equilibria</i> , 2013 , 341, 86-95	2.5	68
193	Nickel-aluminum layered double hydroxide as a nano-sorbent for the solid phase extraction of selenium, and its determination by continuous flow HG-AAS. <i>Mikrochimica Acta</i> , 2013 , 180, 619-626	5.8	36
192	Aldehyde oxidase activity and stability in water-miscible organic solvents. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 169, 901-10	3.2	6
191	Mathematical Representation of Viscosity of Ionic Liquid + Molecular Solvent Mixtures at Various Temperatures Using the Jouyban-Acree Model. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 1523-1528	2.8	21
190	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	6	4
189	SOLUBILITY OF LAMOTRIGINE IN BINARY AND TERNARY MIXTURES OF PEGS 200, 400, AND 600 WITH ETHANOL, PG, AND WATER AT 298.2 K. <i>Chemical Engineering Communications</i> , 2013 , 200, 1443-1456	2.2	11

188	A verapamil electrochemical sensor based on magnetic mobile crystalline material-41 grafted by sulfonic acid. <i>Electrochimica Acta</i> , 2013 , 89, 660-668	6.7	23
187	Solubility of Carvedilol in Ethanol + Propylene Glycol Mixtures at Various Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16630-16636	3.9	180
186	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
185	Solubility of Clonazepam and Diazepam in Polyethylene Glycol 200, Propylene Glycol, N-Methyl Pyrrolidone, Ethanol, and Water at (298.2 to 318.2) K and in Binary and Ternary Mixtures of Polyethylene Glycol 200, Propylene Glycol, and Water at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 307-314	2.8	7
184	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
183	Dispersive liquid-liquid microextraction based on solidification of floating organic droplet followed by spectrofluorimetry for determination of carvedilol in human plasma. <i>Bioanalysis</i> , 2013 , 5, 437-48	2.1	24
182	The effect of quince leaf (<i>Cydonia oblonga miller</i>) decoction on testes in hypercholesterolemic rabbits: a pilot study. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2013 , 10, 277-82	0.3	12
181	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
180	Quantitative structure-activity relationships of imidazole-containing farnesyltransferase inhibitors using different chemometric methods. <i>Medicinal Chemistry</i> , 2013 , 9, 434-48	1.8	9
179	Effects of captopril on the cysteamine-induced duodenal ulcer in the rat. <i>Experimental and Toxicologic Pathology</i> , 2012 , 64, 373-7		22
178	Analysis of losartan and carvedilol in urine and plasma samples using a dispersive liquid-liquid microextraction isocratic HPLC-UV method. <i>Bioanalysis</i> , 2012 , 4, 2805-21	2.1	32
177	Volumetric properties of the glycerol formal + water cosolvent system and correlation with the Jouyban-Acree model. <i>Physics and Chemistry of Liquids</i> , 2012 , 50, 284-301	1.5	14
176	Solubility of 3-Ethyl-5-methyl-(4R)-2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate Monobenzenesulfonate (Amlodipine Besylate) in Ethanol + Water and Propane-1,2-diol + Water Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 2848-2854	2.8	14
175	Volumetric Properties of Glycerol Formal + Propylene Glycol Mixtures at Several Temperatures and Correlation with the Jouyban-Acree Model. <i>Journal of Solution Chemistry</i> , 2012 , 41, 1477-1494	1.8	20
174	Solubility of 2-Butyl-3-benzofuranyl 4-(2-(Diethylamino)ethoxy)-3,5-diiodophenyl Ketone Hydrochloride (Amiodarone HCl) in Ethanol + Water and N-Methyl-2-pyrrolidone + Water Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1544-1550	2.8	62
173	Solubility of 2-Hydroxybenzoic Acid in Water, 1-Propanol, 2-Propanol, and 2-Propanone at (298.2 to 338.2) K and Their Aqueous Binary Mixtures at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3303-3307	2.8	26
172	Comment on Measurement and Correlation of Solubilities of (Z)-2-(2-Aminothiazol-4-yl)-2-methoxyiminoacetic Acid in Different Pure Solvents and Binary Mixtures of Water + (Ethanol, Methanol, or Glycol) <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 1344-1346	2.8	204
171	Solubility of salbutamol and salbutamol sulphate in ethanol + water mixtures at 25 °C. <i>Journal of Molecular Liquids</i> , 2012 , 173, 62-65	6	16

170	Thermodynamic studies of fluphenazine decanoate solubility in PEG 200+water mixtures. <i>Fluid Phase Equilibria</i> , 2012 , 330, 36-43	2.5	28
169	Preparation and characterization of ceramic/carbon coated Fe ₃ O ₄ magnetic nanoparticle nanocomposite as a solid-phase microextraction adsorbent. <i>Journal of Chromatography A</i> , 2012 , 1245, 1-7	4.5	54
168	A principal component analysis approach for developing retention models in liquid chromatography. <i>Journal of Chromatography A</i> , 2012 , 1251, 134-140	4.5	5
167	Experimental and Computational Methods Pertaining to Drug Solubility 2012 ,		23
166	Spectrofluorimetric determination of human serum albumin using terbium-danofloxacin probe. <i>Scientific World Journal, The</i> , 2012 , 2012, 940541	2.2	10
165	Experimental and Computational Methods Pertaining to Surface Tension of Pharmaceuticals 2012 ,		1
164	Determination of deferiprone in urine and serum using a terbium-sensitized luminescence method. <i>Luminescence</i> , 2012 , 27, 268-73	2.5	21
163	QSAR and pharmacophore studies of telomerase inhibitors. <i>Medicinal Chemistry Research</i> , 2012 , 21, 853-866		3
162	Density, viscosity, and surface tension of water+ethanol mixtures from 293 to 323K. <i>Korean Journal of Chemical Engineering</i> , 2012 , 29, 812-817	2.8	287
161	Determination of selenium in serum samples of preterm newborn infants with bronchopulmonary dysplasia using a validated hydride generation system. <i>Biological Trace Element Research</i> , 2012 , 147, 1-7	4.5	13
160	Solubility of naproxen in ethyl acetate+ethanol mixtures at several temperatures and correlation with the Jouyban-Acree model. <i>Fluid Phase Equilibria</i> , 2012 , 320, 49-55	2.5	52
159	A validated micellar LC method for simultaneous determination of furosemide, metoprolol and verapamil in human plasma. <i>Bioanalysis</i> , 2012 , 4, 41-8	2.1	20
158	Solubility of drugs in ethyl acetate-ethanol mixtures at various temperatures. <i>Journal of Drug Delivery Science and Technology</i> , 2012 , 22, 545-547	4.5	12
157	HPLC DETERMINATION OF AMLODIPINE IN BIOLOGICAL FLUIDS USING HOLLOW FIBER BASED LIQUID-LIQUID-LIQUID MICROEXTRACTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012 , 35, 963-976	1.3	4
156	Development and Validation of a Terbium-Sensitized Luminescence Analytical Method for Deferiprone. <i>Iranian Journal of Pharmaceutical Research</i> , 2012 , 11, 771-80	1.1	6
155	Development and Validation of a Simple and Rapid Capillary Zone Electrophoresis Method for Quantification of Heparin in a Pharmaceutical Product and Stability Studies. <i>Pharmaceutica Analytica Acta</i> , 2012 , 03,	0	2
154	Spectroscopic studies on the interaction of quercetin-terbium(III) complex with calf thymus DNA. <i>DNA and Cell Biology</i> , 2011 , 30, 195-201	3.6	65
153	Solubility of Phenothiazine in Water, Ethanol, and Propylene Glycol at (298.2 to 338.2) K and Their Binary and Ternary Mixtures at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4352-4355	2.8	28

152	QSPR Modeling using Catalan Solvent and Solute Parameters. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 684-692	1.5	6
151	Prediction of blood-brain distribution: effect of ionization. <i>Biological and Pharmaceutical Bulletin</i> , 2011 , 34, 266-71	2.3	8
150	Prediction of viscosity of binary solvent mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2011 , 162, 50-68	6	17
149	Electrochemical behavior of atenolol, carvedilol and propranolol on copper-oxide nanoparticles. <i>Electrochimica Acta</i> , 2011 , 58, 336-347	6.7	47
148	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
147	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
146	Mathematical representation of fluorescence intensity of probes in aqueous binary solvent mixtures. <i>Journal of Fluorescence</i> , 2011 , 21, 2111-6	2.4	3
145	Solubility of Acetaminophen and Ibuprofen in Polyethylene Glycol 600, N-Methyl Pyrrolidone and Water Mixtures. <i>Journal of Solution Chemistry</i> , 2011 , 40, 2032-2045	1.8	33
144	Scientometric analysis of the major Iranian medical universities. <i>Scientometrics</i> , 2011 , 87, 205-220	3	20
143	Solubility prediction of drugs in mixed solvents using partial solubility parameters. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 4368-82	3.9	46
142	Spectrofluorimetric determination of folic acid in tablets and urine samples using 1,10-phenanthroline-terbium probe. <i>Luminescence</i> , 2011 , 26, 106-11	2.5	31
141	Terbium-sensitized fluorescence method for the determination of deferasirox in biological fluids and tablet formulation. <i>Luminescence</i> , 2011 , 26, 244-50	2.5	22
140	Spectrofluorimetric determination of buparvaquone in biological fluids, food samples and a pharmaceutical formulation by using terbium-deferasirox probe. <i>Food Chemistry</i> , 2011 , 126, 1845-9	8.5	12
139	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
138	Novel cationic surfactant ion pair based solid phase microextraction fiber for nano-level analysis of BTEX. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 13-7	6	14
137	Solubility of salicylic acid in ethanol, propylene glycol, and N-methyl-2-pyrrolidone at various temperatures and their binary mixtures at 298.2K. <i>Journal of Molecular Liquids</i> , 2011 , 160, 14-16	6	9
136	Determination and comparison of the total polyphenol contents of fresh and commercial fruit juices. <i>British Food Journal</i> , 2011 , 113, 744-752	2.8	6
135	Determination of methotrexate in biological fluids and a parenteral injection using terbium-sensitized method. <i>Iranian Journal of Pharmaceutical Research</i> , 2011 , 10, 695-704	1.1	10

134	Review of pharmaceutical applications of N-methyl-2-pyrrolidone. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2010 , 13, 524-35	3.4	103
133	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
132	Solubility prediction of clonazepam in aqueous mixtures of ethanol, polyethylene glycol 200 and propylene glycol at 30 °C. <i>Journal of Drug Delivery Science and Technology</i> , 2010 , 20, 149-151	4.5	2
131	Solubility of Acetaminophen and Ibuprofen in the Mixtures of Polyethylene Glycol 200 or 400 with Ethanol and Water and the Density of Solute-Free Mixed Solvents at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5252-5257	2.8	48
130	Solubility of Benzodiazepines in Polyethylene Glycol 200 + Water Mixtures at 303.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 519-522	2.8	33
129	Solubility of 7-Chloro-2-methylamino-5-phenyl-3H-1,4-benzodiazepine-4-oxide, 7-Chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one, and 7-Chloro-5-(2-chlorophenyl)-3-hydroxy-1,3-dihydro-1,4-benzodiazepin-2-one in (Propane-1,2-diol + Water) at a Temperature of 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 500-510	2.8	8
128	Effects of Different Concentrations of Poly(vinyl pyrrolidone) on the Solubility of Lamotrigine and Diazepam in Ethanol + Water Mixtures at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 570-573	2.8	8
127	Solubility of Lamotrigine and Diazepam in Propylene Glycol + Water + Carboxymethyl Cellulose at a Temperature of 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2890-2893	2.8	8
126	Solubility of Phenanthrene in Binary Mixtures of C1-4 Alcohols at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 531-534	2.8	4
125	Solubility of Phenanthrene in Ternary Mixtures of C1-4 Alcohols at 298.2 K. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 6238-6242	3.9	3
124	Solubility of Budesonide, Hydrocortisone, and Prednisolone in Ethanol + Water Mixtures at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 578-582	2.8	41
123	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
122	Solubility of Anthracene in C1-3 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
121	Solubility of 5-(2-Chlorophenyl)-7-nitro-1,3-dihydro-1,4-benzodiazepin-2-one, 7-Chloro-1-methyl-5-phenyl-3H-1,4-benzodiazepin-2-one, and 6-(2,3-Dichlorophenyl)-1,2,4-triazine-3,5-diamine in the Mixtures of Poly(ethylene glycol) 600, Ethanol, and Water at a Temperature of 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 500-510	2.8	13
120	Effects of vitamin C and melatonin on cysteamine-induced duodenal ulcer in a cholestatic rat model: A controlled experimental study. <i>Current Therapeutic Research</i> , 2010 , 71, 322-30	2.4	2
119	Prediction of Dielectric Constants of Binary Solvents at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2951-2963	2.8	29
118	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	3.2	3
117	Solubility of pioglitazone hydrochloride in binary mixtures of polyethylene glycol 400 with ethanol, propylene glycol, N-methyl-2-pyrrolidone, and water at 25 degrees C. <i>Chemical and Pharmaceutical Bulletin</i> , 2010 , 58, 1132-5	1.9	13

116	Solubility of acetaminophen and ibuprofen in binary and ternary mixtures of polyethylene glycol 600, ethanol and water. <i>Chemical and Pharmaceutical Bulletin</i> , 2010 , 58, 219-24	1.9	31
115	Solubility of pioglitazone hydrochloride in binary and ternary mixtures of water, propylene glycol, and polyethylene glycols 200, 400, and 600 at 298.2K. <i>AAPS PharmSciTech</i> , 2010 , 11, 1713-7	3.9	12
114	The importance of dielectric constant for drug solubility prediction in binary solvent mixtures: electrolytes and zwitterions in water + ethanol. <i>AAPS PharmSciTech</i> , 2010 , 11, 1726-9	3.9	27
113	QSAR analysis of diaryl COX-2 inhibitors: comparison of feature selection and train-test data selection methods. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2753-60	6.8	31
112	Solubility of acetaminophen and ibuprofen in polyethylene glycol 600, propylene glycol and water mixtures at 25°C. <i>Journal of Molecular Liquids</i> , 2010 , 155, 80-84	6	24
111	Solubility prediction of polycyclic aromatic hydrocarbons in non-aqueous solvent mixtures. <i>Fluid Phase Equilibria</i> , 2010 , 293, 47-58	2.5	50
110	Solubility Prediction Methods for Drug/Drug Like Molecules. <i>Recent Patents on Chemical Engineering</i> , 2010 , 1, 220-231		6
109	Determination and Comparison of Total Polyphenol and Vitamin C Contents of Natural Fresh and Commercial Fruit Juices. <i>Pakistan Journal of Nutrition</i> , 2010 , 9, 968-972	0.3	24
108	Impact of surface tension in pharmaceutical sciences. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2009 , 12, 218-28	3.4	40
107	Comments on Solubility of Ethyl Maltol in Aqueous Ethanol Mixtures [Liu, B.-S.; Liu, R.-J.; Hu, Y.-Q.; Hu, Q.-F. <i>J. Chem. Eng. Data</i> 2008, 53, 2712-714]. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1168-1170	2.8	26
106	Determination of phenytoin and its major metabolite in human serum by MEKC. <i>Journal of Chromatographic Science</i> , 2009 , 47, 877-80	1.4	2
105	Modeling the effects of different mobile phase compositions and temperatures on the retention of various analytes in HPLC. <i>Journal of Separation Science</i> , 2009 , 32, 3898-905	3.4	3
104	Catalytic activity and stability of xanthine oxidase in aqueous-organic mixtures. <i>Biochemistry (Moscow)</i> , 2009 , 74, 97-101	2.9	4
103	Prediction of drug solubility in mixed solvents using computed Abraham parameters. <i>Journal of Molecular Liquids</i> , 2009 , 146, 82-88	6	56
102	Mathematical representation of xanthine oxidase activity in hydro-organic mixtures. <i>Bioresource Technology</i> , 2009 , 100, 6635-8	11	1
101	Solubility of pioglitazone hydrochloride in aqueous solutions of ethanol, propylene glycol, and N-methyl-2-pyrrolidone at 298.2 degrees K. <i>AAPS PharmSciTech</i> , 2009 , 10, 1153-7	3.9	12
100	Solubility of Phenanthrene in Binary Mixtures of C1-4 Alcohols + 2-Propanol and Ethanol + Methanol at 298.2 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1405-1408	2.8	5
99	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

98	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
97	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
96	Effect of memantine on plasma concentrations of carbamazepine and phenytoin in rats: A controlled experimental study. <i>Current Therapeutic Research</i> , 2009 , 70, 359-65	2.4	1
95	Solubility of Chlordiazepoxide, Diazepam, and Lorazepam in Ethanol + Water Mixtures at 303.2 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 2142-2145	2.8	82
94	Headspace solid-phase microextraction-gas chromatography method for the determination of valproic acid in human serum, and formulations using hollow-fiber coated wire. <i>Analytical Sciences</i> , 2009 , 25, 875-9	1.7	17
93	Total phenols and vitamin C contents of Iranian fruits. <i>Nutrition and Food Science</i> , 2009 , 39, 603-608	1.5	3
92	Analytical Methods for Determination of Antiepileptic Drugs. <i>Current Pharmaceutical Analysis</i> , 2009 , 5, 277-345	0.6	3
91	Incense as a potential drug-delivery method. <i>Medical Hypotheses</i> , 2008 , 71, 979	3.8	1
90	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
89	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
88	Comments on Thermophysical Properties of para-Anisaldehyde (1) + Chlorobenzene (2) at Temperatures of (303.15, 313.15, and 323.15) K and a Pressure of 0.1 MPa [Baskaran, R.; Kubendran, T. R. J. Chem. Eng. Data 2008 , 53, 978-982]. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1999-2000	2.8	
87	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
86	Ultrasonic assisted SPME coupled with GC and GC-MS using pencil lead as a fiber for monitoring the organic volatile impurities of ceftazidime. <i>Journal of Chromatographic Science</i> , 2008 , 46, 680-5	1.4	9
85	Analysis of oseltamivir in Tamiflu capsules using micellar electrokinetic chromatography. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 1639-44	1.9	18
84	Solubility prediction of paracetamol in water-ethanol-propylene glycol mixtures at 25 and 30 degrees C using practical approaches. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 602-6	1.9	13
83	Review of the cosolvency models for predicting solubility of drugs in water-cosolvent mixtures. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2008 , 11, 32-58	3.4	43 ⁸
82	Impurity analysis of pharmaceuticals using capillary electromigration methods. <i>Electrophoresis</i> , 2008 , 29, 3531-51	3.6	35
81	Determination of total phenols in tea infusions, tomato and apple juice by terbium sensitized fluorescence method as an alternative approach to the Folin-Ciocalteu spectrophotometric method. <i>Food Chemistry</i> , 2008 , 108, 695-701	8.5	55

80	Comments concerning Study of solute-solvent and solvent-solvent interactions in pure and mixed binary solvents. <i>Journal of Molecular Liquids</i> , 2008 , 142, 158-160	6	1
79	Solubility Prediction Methods for Drug/Drug Like Molecules. <i>Recent Patents on Chemical Engineering</i> , 2008 , 1, 220-231		20
78	Headspace SPME-CC Method for Acetone Analysis and its Biomedical Application. <i>Chromatographia</i> , 2007 , 66, 383-387	2.1	14
77	Electrocatalytic oxidation of hydrazine at overoxidized polypyrrole film modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2007 , 52, 6248-6253	6.7	64
76	Modelling the deviations of solubilities in water-dioxane mixtures from predicted solubilities by the Jouyban-Acree model. <i>Journal of Drug Delivery Science and Technology</i> , 2007 , 17, 359-363	4.5	2
75	Solubility prediction of drugs in water-cosolvent mixtures using Abraham solvation parameters. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007 , 10, 263-77	3.4	25
74	Solubility prediction in non-aqueous binary solvents using a combination of Jouyban-Acree and Abraham models. <i>Fluid Phase Equilibria</i> , 2006 , 249, 24-32	2.5	15
73	Theoretical and empirical approaches to express the mobility of small ions in capillary electrophoresis. <i>Electrophoresis</i> , 2006 , 27, 992-1005	3.6	43
72	Solubility prediction of anthracene in nonaqueous solvent mixtures using a combination of Jouyban-Acree and Abraham models. <i>Canadian Journal of Chemistry</i> , 2006 , 84, 874-885	0.9	
71	Predicting solubility of anthracene in non-aqueous solvent mixtures using a combination of Jouyban-Acree and Abraham models. <i>Chemical and Pharmaceutical Bulletin</i> , 2006 , 54, 1124-30	1.9	11
70	Solubility prediction of drugs in water-polyethylene glycol 400 mixtures using Jouyban-acree model. <i>Chemical and Pharmaceutical Bulletin</i> , 2006 , 54, 1561-6	1.9	57
69	Solubility prediction of paracetamol in binary and ternary solvent mixtures using Jouyban-Acree model. <i>Chemical and Pharmaceutical Bulletin</i> , 2006 , 54, 428-31	1.9	57
68	A Membrane Sensor for Selective Determination of Bisacodyl in Tablets. <i>Journal of the Chinese Chemical Society</i> , 2006 , 53, 613-618	1.5	4
67	Voltammetric behavior and determination of isoniazid in pharmaceuticals by using overoxidized polypyrrole glassy carbon modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 589, 32-37	4.1	92
66	In silico prediction of drug solubility in water-ethanol mixtures using Jouyban-Acree model. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2006 , 9, 262-9	3.4	42
65	Mathematical representation of solubility of electrolytes in binary solvent mixtures using Jouyban-Acree model. <i>Chemical and Pharmaceutical Bulletin</i> , 2005 , 53, 1591-3	1.9	5
64	Modeling the entrainer effects on solubility of solutes in supercritical carbon dioxide. <i>Chemical and Pharmaceutical Bulletin</i> , 2005 , 53, 290-5	1.9	17
63	Calculation of the viscosity of binary liquids at various temperatures using Jouyban-Acree model. <i>Chemical and Pharmaceutical Bulletin</i> , 2005 , 53, 519-23	1.9	107

62	A unified cosolvency model for calculating solute solubility in mixed solvents. <i>Chemical and Pharmaceutical Bulletin</i> , 2005 , 53, 634-7	1.9	44
61	Modeling acid dissociation constant of analytes in binary solvents at various temperatures using Jouyban-Acree model. <i>Thermochimica Acta</i> , 2005 , 428, 119-123	2.9	37
60	Modeling the electrophoretic mobility of beta-blockers in capillary electrophoresis using artificial neural networks. <i>Il Farmaco</i> , 2005 , 60, 255-9		5
59	A simple spectrophotometric method for determination of sodium diclofenac in pharmaceutical formulations. <i>Il Farmaco</i> , 2005 , 60, 855-8		45
58	Genetic Algorithm Based Potential Selection in Simultaneous Voltammetric Determination of Isoniazid and Hydrazine by Using Partial Least Squares (PLS) and Artificial Neural Networks (ANNs). <i>Electroanalysis</i> , 2005 , 17, 915-918	3	26
57	Modeling drug solubility in water-cosolvent mixtures using an artificial neural network. <i>Il Farmaco</i> , 2004 , 59, 505-12		14
56	A simple relationship between dielectric constant of mixed solvents with solvent composition and temperature. <i>International Journal of Pharmaceutics</i> , 2004 , 269, 353-60	6.5	151
55	Solubility prediction of anthracene in binary and ternary solvents by artificial neural networks (ANNs). <i>Fluid Phase Equilibria</i> , 2004 , 225, 133-139	2.5	10
54	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, 1219-22	1.9	37
53	Predicting electrophoretic mobility of beta-blockers in a water-methanol based electrolyte system. <i>Chromatographia</i> , 2003 , 57, 191-195	2.1	18
52	Electrophoretic behavior of alprenolol in mixed solvent electrolyte systems. <i>Il Farmaco</i> , 2003 , 58, 1039-44		2
51	Comparison of different algorithms to calculate electrophoretic mobility of analytes as a function of binary solvent composition. <i>Electrophoresis</i> , 2003 , 24, 1596-602	3.6	4
50	Mathematical representation of electrophoretic mobility of basic drugs in ternary solvent buffers in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2003 , 994, 191-8	4.5	10
49	Calculation of electrophoretic mobility in ternary solvent electrolyte systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 203-8	3.5	5
48	Comments concerning solubility of anthracene in two binary solvents containing toluene. <i>Fluid Phase Equilibria</i> , 2003 , 209, 155-159	2.5	7
47	A quantitative structure property relationship study of electrophoretic mobility of analytes in capillary zone electrophoresis. <i>Computational Biology and Chemistry</i> , 2003 , 27, 297-303	3.6	17
46	Solubility prediction in supercritical CO ₂ using minimum number of experiments. <i>Journal of Pharmaceutical Sciences</i> , 2002 , 91, 1287-95	3.9	47
45	Mathematical representation of solute solubility in supercritical carbon dioxide using empirical expressions. <i>Journal of Supercritical Fluids</i> , 2002 , 24, 19-35	4.2	133

44	A model to represent solvent effects on the chemical stability of solutes in mixed solvent systems. <i>International Journal of Pharmaceutics</i> , 2002 , 243, 167-72	6.5	20
43	Mathematical representation of apparent dissociation constants in aqueous-organic solvent mixtures. <i>International Journal of Pharmaceutics</i> , 2002 , 246, 135-42	6.5	23
42	A cosolvency model to predict solubility of drugs at several temperatures from a limited number of solubility measurements. <i>Chemical and Pharmaceutical Bulletin</i> , 2002 , 50, 594-9	1.9	38
41	Solubility prediction of anthracene in mixed solvents using a minimum number of experimental data. <i>Chemical and Pharmaceutical Bulletin</i> , 2002 , 50, 21-5	1.9	40
40	Calculation of electrophoretic mobility in mixed solvent buffers in capillary zone electrophoresis using a mixture response surface method. <i>Analyst, The</i> , 2002 , 127, 1188-92	5	11
39	Describing solubility of polymorphs in mixed solvents by CNIBS/R-K equation. <i>Die Pharmazie</i> , 2002 , 57, 861-2	1.5	4
38	Solubility prediction of salmeterol xinafoate in water--dioxane mixtures. <i>International Journal of Pharmaceutics</i> , 2001 , 216, 33-41	6.5	29
37	Mathematical representation of electrophoretic mobility in mixed aqueous-methanolic buffers in capillary zone electrophoresis. <i>Journal of Separation Science</i> , 2001 , 13, 346-350		4
36	Calculation of the electrophoretic mobility of amines in methanol-aqueous electrolyte systems. <i>Analyst, The</i> , 2001 , 126, 1958-62	5	8
35	Solubility prediction for furosemide in water-cosolvent mixtures using the minimum number of experiments. <i>Drug Development and Industrial Pharmacy</i> , 2001 , 27, 577-83	3.6	34
34	Calculation of electrophoretic mobilities in water-organic modifier mixtures in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2000 , 868, 277-84	4.5	42
33	Prediction of drug solubility in ternary solvent mixture. <i>Drug Development and Industrial Pharmacy</i> , 2000 , 26, 971-3	3.6	18
32	Comparison of various cosolvency models for calculating solute solubility in water-cosolvent mixtures. <i>International Journal of Pharmaceutics</i> , 1999 , 177, 93-101	6.5	163
31	Comment on "Margules Equations Applied to PAH Solubilities in Alcohol-Water Mixtures" <i>Environmental Science & Technology</i> , 1999 , 33, 1953-1954	10.3	2
30	Solubility correlation of structurally related drugs in binary solvent mixtures. <i>International Journal of Pharmaceutics</i> , 1998 , 166, 205-209	6.5	44
29	Comparison of models for describing multiple peaks in solubility profiles. <i>International Journal of Pharmaceutics</i> , 1998 , 167, 177-182	6.5	208
28	A novel method for improvement of predictability of the CNIBS/R-K equation. <i>International Journal of Pharmaceutics</i> , 1997 , 154, 245-247	6.5	105
27	A general model from theoretical cosolvency models. <i>International Journal of Pharmaceutics</i> , 1997 , 152, 247-250	6.5	125

26	Models for calculating solubility in binary solvent systems. <i>International Journal of Pharmaceutics</i> , 1996 , 140, 237-246	6.5	36
25	Comparison of double log-log, mixture response-surface and combined NIBS/Redlich-Kister solubility models. <i>International Journal of Pharmaceutics</i> , 1996 , 144, 127-130	6.5	9
24	Equilibrium solubility of trans-resveratrol in {acetone (1) + water (2)} mixtures: Correlation, dissolution thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> ,1-18	1.5	0
23	Development of a fluoremetric probe based on molecularly imprinted polymers for determination of phenobarbital in exhaled breath condensate. <i>Chemical Papers</i> ,1	1.9	1
22	Equilibrium solubility of 6-methylcoumarin in some (ethanol + water) mixtures: determination, correlation, thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> ,1-21	1.5	
21	Handbook of Solubility Data for Pharmaceuticals		88
20	Employing Abraham and Hansen Parameters for Solubility Prediction of Ketoconazole in Binary Solvents at Various Temperatures. <i>Journal of Solution Chemistry</i> ,1	1.8	0
19	Solubility, Solvent Effect, and Solvation Performance of MBQ-167 in Aqueous Cosolvent Solutions. <i>Journal of Chemical & Engineering Data</i> ,	2.8	1
18	Thermodynamic study of the aqueous pseudo-binary mixtures of betaine-based deep eutectic solvents at T = (293.15 to 313.15) K. <i>Physics and Chemistry of Liquids</i> ,1-16	1.5	0
17	Application of Polarisable Continuum Modelling to assess Minoxidil solubility in mixed solvents. <i>Physics and Chemistry of Liquids</i> ,1-10	1.5	
16	Blood Brain Barrier Permeation		3
15	Genotoxic Impurities in Pharmaceuticals		2
14	Solution Thermodynamics and Preferential Solvation of Atenolol in {Ethanol (1) + Water (2)} Cosolvent Mixtures. <i>Journal of Applied Solution Chemistry and Modeling</i> ,7, 1-8		5
13	Solubility of 3-aminosalicylic acid in 2-propanol + water mixtures at different temperatures. <i>Physics and Chemistry of Liquids</i> ,1-15	1.5	
12	Extended Hildebrand solubility approach applied to sulphadiazine in aqueous binary mixtures of Carbitol and N-methyl-2-pyrrolidone at 313.15 K. <i>Physics and Chemistry of Liquids</i> ,1-12	1.5	3
11	Optical sensors for determination of water in the organic solvents: a review. <i>Journal of the Iranian Chemical Society</i> ,1	2	0
10	Solubility of trans-resveratrol in {ethanol (1) + water (2)} mixtures revisited: Correlation, dissolution thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> ,1-16	1.5	
9	Solubility of sulphadiazine in some {Carbitol (1) + water (2)} mixtures: determination, correlation, and preferential solvation. <i>Physics and Chemistry of Liquids</i> ,1-17	1.5	5

8	Solubility of carvedilol in aqueous mixtures of a deep eutectic solvent at different temperatures. <i>Physics and Chemistry of Liquids</i> ,1-10	1.5	
7	Bosentan solubility in binary mixtures of polyethylene glycol dimethyl ether 250 and water at different temperatures. <i>Physics and Chemistry of Liquids</i> ,1-12	1.5	0
6	Determination and correlation of naproxen solubility in polyethylene glycol dimethyl ether 250 and water mixtures. <i>Physics and Chemistry of Liquids</i> ,1-15	1.5	1
5	Solubility of tadalafil in aqueous mixtures of Transcutol \square and PEG 400 revisited: correlation, thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> ,1-17	1.5	
4	A mini review on materials used for the colorimetric detection of corticosteroids. <i>Chemical Papers</i> ,1	1.9	
3	Simulation of dielectric constants of solvents at various temperatures using Catalan parameters. <i>Physics and Chemistry of Liquids</i> ,1-12	1.5	0
2	Solubility of amlodipine besylate in acetonitrile + water binary mixtures at various temperatures: Determination, modelling, and thermodynamics. <i>Physics and Chemistry of Liquids</i> ,1-18	1.5	0
1	The effect of cosolvents and surfactants on the solubility of sulfasalazine. <i>Physics and Chemistry of Liquids</i> ,1-9	1.5	