

Fleming Martinez

List of Publications by Year in Descending Order

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

302
papers

5,526
citations

38
h-index

60
g-index

308
ext. papers

6,199
ext. citations

3.5
avg, IF

6.48
L-index

#	Paper	IF	Citations
302	Efficiency of lipid-based nano drug delivery systems in crossing the bloodBrain barrier: A review. <i>Journal of Molecular Liquids</i> , 2022 , 346, 118278	6	2
301	Preferential solvation study of (Z)-N-benzyl-2-{5-(4-hydroxybenzylidene)-2,4-dioxothiazolidin-3-yl}acetamide (3) in {NMP + Water } co-solvent mixture and GastroPlus software based in vitro simulation. <i>Journal of Molecular Liquids</i> , 2022 , 349, 118491	6	1
300	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
299	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
298	Solubility of baclofen in some neat and mixed solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2022 , 347, 118352	6	0
297	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
296	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
295	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
294	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
293	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
292	Solubility of 3-aminosalicylic acid in 1-propanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115095	6	1
291	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
290	Thermodynamic analysis of the solubility of triclocarban in ethylene glycol + water mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115222	6	0
289	Further calculations on the solubility of trans-resveratrol in (Transcutol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115645	6	5
288	Solubility, dissolution thermodynamics and preferential solvation of sulfadiazine in (N-methyl-2-pyrrolidone + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115693	6	5
287	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
286	Dissolution thermodynamics and preferential solvation of 2,4-dinitrotoluene in (ethanol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115675	6	6

285	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
284	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
283	Solubility of fluconazole in (ethanol + water) mixtures: Determination, correlation, dissolution thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115987	6	2
282	Solubility and dissolution thermodynamics of 5-fluorouracil in (ethanol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 333, 116038	6	2
281	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
280	Physicochemical properties of oil extracted from camelina (<i>Camelina sativa</i>) seeds as a new source of vegetable oil in different regions of Iran. <i>Journal of Molecular Liquids</i> , 2021 , 345, 117043	6	3
279	Electrospun nanofiber patch based on gum tragacanth/polyvinyl alcohol/molybdenum disulfide composite for tetracycline delivery and their inhibitory effect on Gram+ and Gram- bacteria. <i>Journal of Molecular Liquids</i> , 2021 , 334, 115989	6	6
278	An experimental and computational study to evaluation of chitosan/gum tragacanth coated-natural lipid-based nanocarriers for sunitinib delivery. <i>Journal of Molecular Liquids</i> , 2021 , 334, 116075	6	5
277	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
276	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	
275	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
274	Dissolution thermodynamics and preferential solvation of gliclazide in (Transcutol + water) mixtures. <i>Physics and Chemistry of Liquids</i> , 2021 , 59, 607-621	1.5	1
273	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
272	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
271	Solubility of sulfadiazine in (ethylene glycol + water) mixtures: Measurement, correlation, thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 323, 115058	6	9
270	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
269	Solubility of meloxicam in (Carbitol + water) mixtures: Determination, correlation, dissolution thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114671	6	5
268	Solubility and thermodynamic profile of mesalazine in carbitol + ethanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114763	6	2

267	Solubility of mesalazine in ethylene glycol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 323, 114597	6	4
266	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
265	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
264	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
263	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
262	Comments on Reply to comments on study of density, dynamic viscosity, excess property and intermolecular interplay studies for 1,4-butanediol + dimethyl sulfoxide binary mixture. <i>Journal of Molecular Liquids</i> , 2021 , 321, 112089	6	
261	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	
260	Dissolution thermodynamic study of naproxen in the mixtures of ethylene glycol and water. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115929	6	3
259	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
258	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
257	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
256	Solubility of sildenafil citrate in 1-propanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116631	6	5
255	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
254	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
253	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
252	Solubility of sildenafil citrate in propylene glycol + ethanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116748	6	
251	Solubility of coumarin in (ethanol + water) mixtures: Determination, correlation, thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116761	6	6
250	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

249	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
248	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
247	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
246	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	
245	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
244	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
243	Solubility of mesalazine in polyethylene glycol 400 + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113546	6	3
242	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	
241	Solubility of ketoconazole in 1,4-dioxane + water mixtures at $T = (293.2 \text{ to } 313.2) \text{ K}$. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112830	6	5
240	Thermodynamic Analysis of Etoricoxib in Amphiprotic and Amphiprotic: Aprotic Solvent Mixtures at Several Temperatures. <i>Journal of Solution Chemistry</i> , 2020 , 49, 272-288	1.8	1
239	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
238	Solubility of 5-aminosalicylic acid in {N-methyl-2-pyrrolidone + ethanol} mixtures at $T = (293.2 \text{ to } 313.2) \text{ K}$. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112774	6	3
237	Solubility of caffeine in carbitol + ethanol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112465	6	5
236	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
235	Solubility of mesalazine in {1-propanol/water} mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112436	6	3
234	Significant Increase in the Solubility of Celecoxib in Presence of Some Deep Eutectic Solvents as Novel Sustainable Solvents and the Thermodynamic Analysis of These Systems 2020 , 26, 423-433		4
233	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
232	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

231	Comments on Assorted interactions of amino acids prevailing in aqueous vitamin C solutions probed by physicochemical and ab-initio contrivances <i>Chemical Physics Letters</i> , 2020 , 738, 136871	2.5	
230	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
229	Solubility of caffeine in N-methyl-2-pyrrolidone + ethanol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112354	6	8
228	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
227	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
226	Thermodynamic analysis and preferential solvation of sulfamethazine in acetonitrile + water cosolvent mixtures. <i>Fluid Phase Equilibria</i> , 2020 , 505, 112361	2.5	13
225	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
224	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
223	Solubility of 3-aminosalicylic acid in ethanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114310	6	9
222	Preferential solvation of apremilast in some (Transcutol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113905	6	6
221	Solubility of mesalazine in {acetonitrile + water} mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-16	1.5	2
220	Dissolution thermodynamics and preferential solvation of meloxicam in (acetonitrile + water) mixtures. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-20	1.5	5
219	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
218	Solubility of celecoxib in 1-propanol + water mixtures at T = (293.2B13.2) K: experimental data and thermodynamic analysis. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 175-183	1.5	4
217	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
216	Solubility of acetaminophen in 1-propanol + water mixtures at T = 293.2B13.2 K. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 456-472	1.5	10
215	Volumetric and acoustic properties of ionic liquid, 1-hexyl-3-methylimidazolium bromide in 1-hexanol, 1-heptanol and 1-octanol at T = (298.15B28.15) K. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 545-558	1.5	3
214	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

213	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
212	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
211	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
210	Solubility of lamotrigine in acetonitrile + water mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 769-781	1.5	4
209	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
208	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, 1112-19	6	28
207	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
206	Molar electrical conductivity of sodium sulfonamides in aqueous solution at several temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 287, 1109-84	6	1
205	Effect of Tetrabutylammonium Bromide-Based Deep Eutectic Solvents on the Aqueous Solubility of Indomethacin at Various Temperatures: Measurement, Modeling, and Prediction with Three-Dimensional Hansen Solubility Parameters. <i>AAPS PharmSciTech</i> , 2019 , 20, 204	3.9	15
204	Thermodynamic study of the solubility of ethylparaben in acetonitrile + water cosolvent mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 287, 1108-94	6	7
203	Comment on Studies on molecular interactions in aqueous and aqueous urea systems of paracetamol (N-(4-hydroxyphenyl)ethanamide) <i>Journal of Molecular Liquids</i> , 2019 , 283, 548-549	6	
202	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
201	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
200	Study of naproxen in some aqueous solutions of choline-based deep eutectic solvents: Solubility measurements, volumetric and compressibility properties. <i>International Journal of Pharmaceutics</i> , 2019 , 564, 197-206	6.5	20
199	Comments on Investigation of diverse interactions of amino acids (Asp and Glu) in aqueous dopamine hydrochloride with the manifestation of the catecholamine molecule recognition tool in solution phase <i>Journal of Molecular Liquids</i> , 2019 , 283, 573-574	6	3
198	The effect of 1-hexyl-3-methylimidazolium bromide ionic liquid as a co-solvent on the aqueous solubility of lamotrigine at T = (293.2-313.2) K. <i>Journal of Chemical Thermodynamics</i> , 2019 , 133, 261-271	2.9	13
197	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
196	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

195	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
194	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
193	Extended Hildebrand solubility approach applied to sulphadiazine, sulphamerazine and sulphamethazine in some {1-propanol (1) + water (2)} mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 388-400	1.5	25
192	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, 432-445	1.5	5
191	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
190	Experimental determination and correlation of bosentan solubility in (PEG 200 + water) mixtures at T= (293.15-313.15) K. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 504-515	1.5	4
189	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
188	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
187	Ketoconazole solubility in aqueous binary mixtures of 1-propanol at various temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111382	6	10
186	Performance of Local Composition Models to Correlate the Aqueous Solubility of Naproxen in Some Choline Based Deep Eutectic Solvents at T = (298.15-313.15) K 2019 , 25, 244-253		11
185	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
184	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
183	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
182	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
181	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
180	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
179	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
178	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

177	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
176	Volumetric properties of {PEG 200 (or 300) (1) + water (2)} mixtures at several temperatures and correlation with the Jouyban-Acree model. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 100-109	1.5	12
175	Extended Hildebrand solubility approach applied to some sulphapyrimidines in some {methanol (1) + water (2)} mixtures. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 176-188	1.5	7
174	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
173	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
172	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
171	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
170	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
169	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
168	Solubility and Apparent Specific Volume of Sucrose in Some Aqueous Polyethylene Glycol Mixtures at 298.2 K 2018 , 24, 163-167		13
167	Apparent Specific Volumes of Sucrose in Different Aqueous Cosolvent Mixtures at 298.2 K 2018 , 24, 324-331		1
166	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
165	Volumetric and acoustic properties of some sodium sulfonamides in dilute aqueous solutions at several temperatures. <i>Journal of Chemical Thermodynamics</i> , 2018 , 118, 159-164	2.9	4
164	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
163	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
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161	Comments on Investigation of molecular interactions in binary liquid mixture: Measurements and correlation through thermo physicochemical study <i>Journal of Molecular Liquids</i> , 2018 , 272, 689-691	6	4
160	Enthalpy-entropy compensation analysis of the trichloroethane dissolution process in some {1,4-dioxane (1) + water (2)} mixtures. <i>Journal of Molecular Liquids</i> , 2018 , 271, 522-529	6	22

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158	Comment on Measurement, correlation, and thermodynamic properties for solubilities of bioactive compound (Epicatechin in different pure solvents at 298.15 K to 338.15 K) <i>Journal of Molecular Liquids</i> , 2018 , 266, 441-442	6	2
157	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
156	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
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149	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
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145	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	
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142	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

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16	Thermodynamics of partitioning of some sulfonamides in 1-octanol/buffer and liposome systems. <i>Journal of Physical Organic Chemistry</i> , 2002 , 15, 874-880	2.1	32

15	Thermodynamic Study of the Solubility of Benzocaine in some Organic and Aqueous Solvents. <i>Journal of Solution Chemistry</i> , 2002 , 31, 975-985	1.8	30
14	Estimation of the Solubility of Sulfonamides in Aqueous Media from Partition Coefficients and Entropies of Fusion. <i>Physics and Chemistry of Liquids</i> , 2002 , 40, 411-420	1.5	42
13	Thermodynamic Study of the Solubility of Some Sulfonamides in Octanol, Water, and the Mutually Saturated Solvents. <i>Journal of Solution Chemistry</i> , 2001 , 30, 909-923	1.8	91
12	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
11	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	
10	Revista Colombiana de Química. <i>Revista Colombiana De Quimica</i> ,	0.6	8
9	Preferential Solvation of Acetaminophen in Propylene Glycol + Water Co-Solvent Mixtures. <i>Journal of Applied Solution Chemistry and Modeling</i> , 65-73		9
8	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
7	Solubility of 3-aminosalicylic acid in 2-propanol + water mixtures at different temperatures. <i>Physics and Chemistry of Liquids</i> , 1-15	1.5	
6	Extended Hildebrand solubility approach applied to sulphadiazine in aqueous binary mixtures of Carbitol \square and N-methyl-2-pyrrolidone at 313.15 K. <i>Physics and Chemistry of Liquids</i> , 1-12	1.5	3
5	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	
4	Solubility of sulphadiazine in some {Carbitol \square (1) + water (2)} mixtures: determination, correlation, and preferential solvation. <i>Physics and Chemistry of Liquids</i> , 1-17	1.5	5
3	Solubility, dissolution thermodynamics and preferential solvation of 4-nitroaniline in (ethanol + water) mixtures. <i>Physics and Chemistry of Liquids</i> , 1-13	1.5	5
2	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	
1	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