

Fleming Martinez

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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	Solubility and preferential solvation of indomethacin in 1,4-dioxane+water solvent mixtures. <i>Fluid Phase Equilibria</i> , 2010 , 299, 259-265	2.5	251
301	Solubility of Carvedilol in Ethanol + Propylene Glycol Mixtures at Various Temperatures. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16630-16636	3.9	180
300	Thermodynamic analysis of the solubility of ketoprofen in some propylene glycol+water cosolvent mixtures. <i>Fluid Phase Equilibria</i> , 2010 , 293, 242-250	2.5	137
299	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
298	Solution thermodynamics of indomethacin in propylene glycol + water mixtures. <i>Fluid Phase Equilibria</i> , 2012 , 314, 134-139	2.5	108
297	Thermodynamic analysis and enthalpy-entropy compensation for the solubility of indomethacin in aqueous and non-aqueous mixtures. <i>Fluid Phase Equilibria</i> , 2011 , 308, 98-106	2.5	107
296	Solubility and preferential solvation of meloxicam in ethanol + water mixtures. <i>Fluid Phase Equilibria</i> , 2011 , 305, 88-95	2.5	101
295	Solution Thermodynamics and Preferential Solvation of Meloxicam in Propylene Glycol + Water Mixtures. <i>Journal of Solution Chemistry</i> , 2011 , 40, 1987-1999	1.8	100
294	Thermodynamics of Mixing and Solvation of Ibuprofen and Naproxen in Propylene Glycol + Water Cosolvent Mixtures. <i>Journal of Solution Chemistry</i> , 2008 , 37, 165-181	1.8	98
293	Temperature Dependence of Solubility for Ibuprofen in Some Organic and Aqueous Solvents. <i>Journal of Solution Chemistry</i> , 2004 , 33, 1379-1395	1.8	93
292	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
291	Solubility and solution thermodynamics of sulfamerazine and sulfamethazine in some ethanol+water mixtures. <i>Fluid Phase Equilibria</i> , 2013 , 360, 88-96	2.5	90
290	Thermodynamic analysis of the solubility of naproxen in ethanol + water cosolvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2007 , 45, 581-595	1.5	90
289	Thermodynamic study of the solubility of acetaminophen in propylene glycol + water cosolvent mixtures. <i>Journal of the Brazilian Chemical Society</i> , 2006 , 17, 125-134	1.5	76
288	Preferential solvation of sulfadiazine, sulfamerazine and sulfamethazine in ethanol + water solvent mixtures according to the IKBI method. <i>Journal of Molecular Liquids</i> , 2014 , 193, 152-159	6	75
287	Solution thermodynamics and preferential solvation of sulfamethazine in (methanol + water) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 264-276	2.9	74
286	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

285	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
284	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
283	Pharmaceuticals Solubility is Still Nowadays Widely Studied Everywhere 2017 , 23, 1-2		66
282	Apparent Molal Volumes of Lidocaine-HCl and Procaine-HCl in Aqueous Solution as a Function of Temperature. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1700-1703	2.8	65
281	Solubility of sulfamethizole in some propylene glycol+water mixtures at several temperatures. <i>Fluid Phase Equilibria</i> , 2012 , 322-323, 113-119	2.5	64
280	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
279	Solubility and Solution Thermodynamics of Some Sulfonamides in 1-Propanol + Water Mixtures. <i>Journal of Solution Chemistry</i> , 2014 , 43, 836-852	1.8	58
278	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
277	Thermodynamic study of the solubility of ibuprofen and naproxen in some ethanol+propylene glycol mixtures. <i>Fluid Phase Equilibria</i> , 2007 , 262, 23-31	2.5	57
276	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
275	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
274	Thermodynamic quantities relative to solution processes of Naproxen in aqueous media at pH 1.2 and 7.4. <i>Physics and Chemistry of Liquids</i> , 2006 , 44, 585-596	1.5	49
273	Solution Thermodynamics and Preferential Solvation of Sulfamerazine in Methanol + Water Mixtures. <i>Journal of Solution Chemistry</i> , 2015 , 44, 360-377	1.8	47
272	Thermodynamic study of the solubility of sulfapyridine in some ethanol+water mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 177, 156-161	6	47
271	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
270	Solution thermodynamics of sulfadiazine in some ethanol+water mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 187, 99-105	6	45
269	Thermodynamic study of the solubility of some sulfonamides in cyclohexane. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14, 803-808	1.5	45
268	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

267	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
266	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
265	Further Numerical Analyses on the Solubility of Sulfapyridine in Ethanol + Water Mixtures 2016 , 22, 143-152		38
264	Solubility and preferential solvation of sulfadiazine in methanol+water mixtures at several temperatures. <i>Fluid Phase Equilibria</i> , 2014 , 379, 128-138	2.5	37
263	Solution Thermodynamics of Ketoprofen in Ethanol + Water Cosolvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 113-118	2.8	37
262	Solubility of naproxen in several organic solvents at different temperatures. <i>Fluid Phase Equilibria</i> , 2007 , 255, 70-77	2.5	37
261	Temperature Dependence of the Solubility of Acetaminophen in Propylene Glycol + Ethanol Mixtures. <i>Journal of Solution Chemistry</i> , 2006 , 35, 335-352	1.8	37
260	Solution thermodynamics of acetaminophen in some PEG 400 + water mixtures. <i>Fluid Phase Equilibria</i> , 2012 , 332, 120-127	2.5	36
259	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
258	Preferential solvation of some structurally related sulfonamides in 1-propanol + water co-solvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2015 , 53, 293-306	1.5	35
257	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
256	Thermodynamic study of the solubility of ibuprofen in acetone and dichloromethane. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010 , 46, 227-235	1.8	35
255	Solubility temperature dependence and preferential solvation of sulfadiazine in 1,4-dioxane + water co-solvent mixtures. <i>Fluid Phase Equilibria</i> , 2015 , 397, 26-36	2.5	34
254	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
253	Solubility and solution thermodynamics of sulfadiazine in polyethylene glycol 400 + water mixtures. <i>Journal of Molecular Liquids</i> , 2016 , 216, 239-245	6	30
252	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
251	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, 1112-119	6	28
250	Dissolution thermodynamics and preferential solvation of ketoconazole in some {ethanol (1) + water (2)} mixtures. <i>Journal of Molecular Liquids</i> , 2020 , 313, 1135-79	6	28

249	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
248	Preferential Solvation of Some Sulfonamides in Propylene Glycol + Water Solvent Mixtures According to the IKBI and QLQC Methods. <i>Journal of Solution Chemistry</i> , 2014 , 43, 360-374	1.8	28
247	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
246	Solution thermodynamics of indomethacin in ethanol+propylene glycol mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 181, 62-67	6	28
245	Thermodynamic studies of fluphenazine decanoate solubility in PEG 200+water mixtures. <i>Fluid Phase Equilibria</i> , 2012 , 330, 36-43	2.5	28
244	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
243	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
242	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
241	Temperature-dependence of the solubility of some acetanilide derivatives in several organic and aqueous solvents. <i>Physics and Chemistry of Liquids</i> , 2004 , 42, 603-613	1.5	27
240	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
239	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
238	Extended Hildebrand Solubility Approach applied to piroxicam in ethanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 180, 34-38	6	25
237	Eudragit S100 microparticles containing Spodoptera frugiperda nucleopolyhedrovirus: physicochemical characterization, photostability and in vitro virus release. <i>Journal of Microencapsulation</i> , 2010 , 27, 314-24	3.4	25
236	Thermodynamics of partitioning of benzocaine in some organic solvent/buffer and liposome systems. <i>Chemical and Pharmaceutical Bulletin</i> , 2003 , 51, 237-40	1.9	25
235	Solubility and solution thermodynamics of meloxicam in polyethylene glycol 400+water mixtures. <i>Journal of Molecular Liquids</i> , 2015 , 211, 233-238	6	23
234	Solubilization of bosentan using ethanol as a pharmaceutical cosolvent. <i>Journal of Molecular Liquids</i> , 2017 , 232, 152-158	6	22
233	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
232	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

231	Solubility and preferential solvation of meloxicam in ethyl acetate + ethanol mixtures at several temperatures. <i>Journal of Molecular Liquids</i> , 2014 , 200, 122-128	6	21
230	Meloxicam Solubility in Ethanol+Water Mixtures According to the Extended Hildebrand Solubility Approach. <i>Journal of Solution Chemistry</i> , 2013 , 42, 1706-1716	1.8	21
229	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
228	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
227	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
226	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
225	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
224	Thermodynamic Study of the Solubility of Procaine HCl in Some Ethanol + Water Cosolvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2900-2904	2.8	19
223	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
222	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
221	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
220	Preferential solvation of indomethacin and naproxen in ethyl acetate + ethanol mixtures according to the IKBI method. <i>Physics and Chemistry of Liquids</i> , 2014 , 52, 533-545	1.5	18
219	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
218	Generally trained models to predict drug solubility in methanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2018 , 264, 631-644	6	18
217	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
216	Thermodynamic study of the solubility of sodium naproxen in some ethanol + water mixtures. <i>Quimica Nova</i> , 2010 , 33, 1923-1927	1.6	17
215	Volumetric properties of 1,2-propanediol + ethanol mixtures at different temperatures. <i>Physics and Chemistry of Liquids</i> , 2006 , 44, 521-530	1.5	17
214	Solvataci3n preferencial de algunas sulfonamidas en mezclas cosolventes 1,4-dioxano + agua a 298,15 K seg3n el m3todo de las integrales inversas de Kirkwood-Buff. <i>Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales</i> , 2014 , 38, 104	0.5	17

213	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
212	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
211	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
210	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
209	Solution Thermodynamics of Triclocarban in Organic Solvents of Different Hydrogen Bonding Capability. <i>Journal of Solution Chemistry</i> , 2009 , 38, 1493-1503	1.8	16
208	Thermodynamic Study of Partitioning and Solvation of (+)-Naproxen in Some Organic Solvent/Buffer and Liposome Systems. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1933-1940	2.8	16
207	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
206	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
205	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
204	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
203	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
202	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
201	Preferential Solvation of Ketoprofen in Some Co-solvent Binary Mixtures. <i>Journal of Solution Chemistry</i> , 2014 , 43, 1904-1915	1.8	15
200	Preferential Solvation of Indomethacin in Some Aqueous Co-Solvent Mixtures. <i>Chemical Engineering Communications</i> , 2016 , 203, 619-627	2.2	14
199	Extended Hildebrand solubility approach applied to some sulphonamides in propylene glycol + water mixtures. <i>Physics and Chemistry of Liquids</i> , 2015 , 53, 763-775	1.5	14
198	Solubility and Saturation Apparent Volume of Propranolol Hydrochloride in Some Binary Aqueous Cosolvent Mixtures at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1520-1525	2.8	14
197	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
196	Solubility and preferential solvation of some non-steroidal anti-inflammatory drugs in methanol + water mixtures at 298.15 K. <i>Physics and Chemistry of Liquids</i> , 2016 , 54, 686-702	1.5	14

195	Preferential solvation of some n-alkyl p-substituted benzoates in propylene glycol + water cosolvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2015 , 53, 455-466	1.5	14
194	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
193	Solubility of the Antimicrobial Agent Triclosan in Organic Solvents of Different Hydrogen Bonding Capabilities at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2576-2580	2.8	14
192	The solubility of ketoconazole in binary carbitol + water mixtures at T = (293.2-313.2) K. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111756	6	14
191	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
190	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
189	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
188	Método extendido de Hildebrand en la predicción de la solubilidad del ketoprofeno en mezclas cosolventes etanol + agua. <i>Química Nova</i> , 2010 , 33, 370-376	1.6	13
187	Thermodynamics of partitioning and solvation of ketoprofen in some organic solvent: buffer and liposome systems. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2006 , 42, 601-613		13
186	Solubility and Apparent Specific Volume of Sucrose in Some Aqueous Polyethylene Glycol Mixtures at 298.2 K 2018 , 24, 163-167		13
185	Thermodynamic analysis and preferential solvation of sulfamethazine in acetonitrile + water cosolvent mixtures. <i>Fluid Phase Equilibria</i> , 2020 , 505, 112361	2.5	13
184	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
183	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
182	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
181	Volumetric properties of the octyl methoxycinnamate + ethyl acetate solvent system at several temperatures. <i>Physics and Chemistry of Liquids</i> , 2010 , 48, 638-647	1.5	12
180	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
179	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
178	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

177	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
176	Solubility and Apparent Specific Volume of Some Pharmaceutical Salts in Propylene Glycol + Water Mixtures at 298.15 K. <i>Chemical Engineering Communications</i> , 2016 , 203, 1013-1019	2.2	11
175	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
174	Preferential Solvation of the Antioxidant Agent Daidzein in some Aqueous Co-Solvent Mixtures according to IKBI and QLQC Methods. <i>Journal of Applied Solution Chemistry and Modeling</i> , 2015 , 4, 110-118		11
173	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
172	Thermodynamic study of the partitioning of methyl and propyl parabens in some organic solvent/buffer systems. <i>Journal of Chemical Thermodynamics</i> , 2015 , 86, 180-187	2.9	10
171	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
170	Ketoconazole solubility in aqueous binary mixtures of 1-propanol at various temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111382	6	10
169	Apparent Molar Volumes of Some Sodium Sulfonamides in Water at Several Molalities and Temperatures. <i>Journal of Solution Chemistry</i> , 2011 , 40, 1955-1963	1.8	10
168	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
167	Solubility of acetaminophen in 1-propanol + water mixtures at T = 293.2±0.2 K. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 456-472	1.5	10
166	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
165	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
164	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
163	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
162	Calorimetric Enthalpies of Solution for Lidocaine·HCl and Procaine·HCl in Water at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 786-790	2.8	9
161	Preferential Solvation of Acetaminophen in Propylene Glycol + Water Co-Solvent Mixtures. <i>Journal of Applied Solution Chemistry and Modeling</i> , 65-73		9
160	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

159	Solubility of 3-aminosalicylic acid in ethanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114310	6	9
158	Extended Hildebrand solubility approach applied to some structurally related sulfonamides in ethanol + water mixtures. <i>Revista Colombiana De Quimica</i> , 2016 , 45, 34	0.6	9
157	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
156	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
155	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
154	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
153	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
152	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
151	Solution thermodynamics of methocarbamol in some ethanol + water mixtures. <i>Quimica Nova</i> , 2012 , 35, 1967-1972	1.6	8
150	Solution Thermodynamics of Ethylhexyl Triazone in Some Ethanol + Ethyl Acetate Mixtures. <i>Journal of Solution Chemistry</i> , 2010 , 39, 1122-1133	1.8	8
149	Revista Colombiana de Química. <i>Revista Colombiana De Quimica</i> ,	0.6	8
148	Solubility of caffeine in N-methyl-2-pyrrolidone + ethanol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112354	6	8
147	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
146	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
145	Comment on Density, dynamic viscosity, excess property and intermolecular interplay studies for 1,4-butanediol + dimethyl sulfoxide binary mixture. <i>Journal of Molecular Liquids</i> , 2018 , 272, 237-238	6	8
144	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
143	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
142	Thermodynamic study of the solubility of ethylparaben in acetonitrile + water cosolvent mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 287, 110894	6	7

141	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
140	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
139	Solution thermodynamics of nimodipine in some PEG 400 + ethanol mixtures. <i>Physics and Chemistry of Liquids</i> , 2013 , 51, 651-662	1.5	7
138	Thermodynamic study of the solubility of triclocarban in ethanol + propylene glycol mixtures. <i>Quimica Nova</i> , 2012 , 35, 280-285	1.6	7
137	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
136	Preferential solvation of nifedipine in some aqueous co-solvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2016 , 54, 563-573	1.5	7
135	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
134	Determination of Abraham model solute descriptors and preferential solvation from measured solubilities for 4-nitropyrazole dissolved in binary aqueous-organic solvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2017 , 55, 605-616	1.5	6
133	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
132	Relationship between the solution thermodynamic properties of naproxen in organic solvents and its release profiles from PLGA microspheres. <i>Journal of Microencapsulation</i> , 2013 , 30, 218-24	3.4	6
131	Solution and Mixing Thermodynamics of Propranolol and Atenolol in Aqueous Media. <i>Journal of Solution Chemistry</i> , 2009 , 38, 73-81	1.8	6
130	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
129	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
128	Preferential solvation of apremilast in some (Transcutol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113905	6	6
127	Dissolution thermodynamics and preferential solvation of 2,4-dinitrotoluene in (ethanol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115675	6	6
126	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
125	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
124	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

123	Solubility of coumarin in (ethanol + water) mixtures: Determination, correlation, thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116761	6	6
122	Thermodynamic study of the transfer of acetanilide and phenacetin from water to different organic solvents. <i>Acta Pharmaceutica</i> , 2005 , 55, 195-205	3.2	6
121	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
120	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
119	Solubility of caffeine in carbitol + ethanol mixture at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112465	6	5
118	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
117	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
116	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
115	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
114	Solution thermodynamics of naproxen in some volatile organic solvents. <i>Physics and Chemistry of Liquids</i> , 2010 , 48, 437-449	1.5	5
113	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
112	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
111	Dissolution thermodynamics and preferential solvation of meloxicam in (acetonitrile + water) mixtures. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-20	1.5	5
110	Further calculations on the solubility of trans-resveratrol in (Transcutol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115645	6	5
109	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
108	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
107	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
106	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

105	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
104	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
103	Solubility of sildenafil citrate in 1-propanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116631	6	5
102	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
101	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
100	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
99	Preferential solvation of indomethacin in 1,4-dioxane + water mixtures according to the inverse Kirkwood-Buff integrals method. <i>Physics and Chemistry of Liquids</i> , 2016 , 54, 462-474	1.5	4
98	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
97	Enthalpies of solution of methylcalix[4]resorcinarene in non-aqueous solvents as a function of concentration and temperature. <i>Thermochimica Acta</i> , 2012 , 548, 13-16	2.9	4
96	Indomethacin solubility estimation in 1,4-dioxane + water mixtures by the extended hildebrand solubility approach. <i>Quimica Nova</i> , 2011 , 34, 1569-1574	1.6	4
95	Thermodynamics of Partitioning of Propranolol in Some Organic Solvent/Buffer Systems. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2810-2815	2.8	4
94	Estudio termodinámico de la transferencia de acetaminofén desde el agua hasta el octanol. <i>Revista Brasileira De Ciencia Do Solo</i> , 2004 , 40, 413	1.5	4
93	Aspectos termodinámicos de la miscibilidad parcial entre el n-octanol y el agua. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2005 , 41, 13		4
92	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
91	Solubility of celecoxib in 1-propanol + water mixtures at T = (293.2-313.2) K: experimental data and thermodynamic analysis. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 175-183	1.5	4
90	Solubility of lamotrigine in acetonitrile + water mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 769-781	1.5	4
89	Solubility of mesalazine in ethylene glycol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 323, 114597	6	4
88	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

87	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
86	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
85	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
84	Solvation and dilution thermodynamics of benzocaine in some aqueous and organic solvents. <i>Physics and Chemistry of Liquids</i> , 2016 , 54, 303-312	1.5	3
83	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
82	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
81	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
80	Solubility of mesalazine in polyethylene glycol 400 + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113546	6	3
79	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
78	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
77	Solubility of mesalazine in {1-propanol/water} mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112436	6	3
76	Solubilization thermodynamics of ibuprofen in modified and classical FeSSIF biorelevant media. <i>Journal of Molecular Liquids</i> , 2013 , 179, 110-117	6	3
75	Validación de un método analítico empleando cromatografía líquida de alta eficiencia para la determinación de ibuprofeno en medios biorrelevantes. <i>Química Nova</i> , 2010 , 33, 1794-1799	1.6	3
74	PREFERENTIAL SOLVATION OF L-ARABINOSE AND DL-MALIC ACID IN ETHANOL + WATER MIXTURES. <i>Momento</i> , 2017 , 14	0	3
73	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
72	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
71	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
70	Volumetric and acoustic properties of ionic liquid, 1-hexyl-3-methylimidazolium bromide in 1-hexanol, 1-heptanol and 1-octanol at T = (298.15-328.15) K. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 545-558	1.5	3

69	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
68	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
67	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
66	Dissolution thermodynamic study of naproxen in the mixtures of ethylene glycol and water. <i>Journal of Molecular Liquids</i> , 2021 , 333, 115929	6	3
65	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
64	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
63	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
62	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
61	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
60	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
59	Desviaciones al modelo logarítmico-lineal en la solubilidad de ibuprofeno y naproxeno en mezclas cosolventes propilenoglicol-agua. <i>Quimica Nova</i> , 2007 , 30, 1945-1950	1.6	2
58	Efficiency of lipid-based nano drug delivery systems in crossing the blood-brain barrier: A review. <i>Journal of Molecular Liquids</i> , 2022 , 346, 118278	6	2
57	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
56	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
55	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
54	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
53	Solubility of mesalazine in {acetonitrile + water} mixtures at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-16	1.5	2
52	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

51	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
50	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
49	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
48	Solubility and dissolution thermodynamics of 5-fluorouracil in (ethanol + water) mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 333, 116038	6	2
47	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
46	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
45	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
44	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
43	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
42	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
41	Solubility and thermodynamic profile of mesalazine in carbitol + ethanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114763	6	2
40	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
39	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
38	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
37	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
36	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
35	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
34	Molar electrical conductivity of sodium sulfonamides in aqueous solution at several temperatures. <i>Journal of Molecular Liquids</i> , 2019 , 287, 110984	6	1

33	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
32	Thermodynamic quantities of solvation and dilution for some acetanilide derivatives in octanol and water mutually saturateds. <i>Eletica Quimica</i> , 2008 , 33, 33-40	2.6	1
31	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
30	Modelling the Preferential Solvation of Ferulic Acid in {2-Propanol (1) + Water (2)} Mixtures at 298.15 K 2017 , 23, 330-334		1
29	Apparent Specific Volumes of Sucrose in Different Aqueous Cosolvent Mixtures at 298.2 K 2018 , 24, 324-331		1
28	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
27	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
26	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
25	Solubility of 3-aminosalicylic acid in 1-propanol + water mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115095	6	1
24	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
23	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
22	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
21	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
20	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
19	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
18	Solubility of baclofen in some neat and mixed solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2022 , 347, 118352	6	0
17	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
16	Thermodynamic analysis of the solubility of triclocarban in ethylene glycol + water mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115222	6	0

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14	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	
13	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	
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11	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	
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9	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	
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4	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	
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2	Solubility of sildenafil citrate in propylene glycol + ethanol mixtures at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 339, 116748	6	
1	Solubility of tadalafil in aqueous mixtures of Transcutol and PEG 400 revisited: correlation, thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> ,1-17	1.5	