

# Fleming Martinez

## List of Publications by Year in descending order

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306  
papers

6,910  
citations

61857

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67  
g-index

308  
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308  
docs citations

308  
times ranked

1674  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Solubility and preferential solvation of indomethacin in 1,4-dioxane+water solvent mixtures. Fluid Phase Equilibria, 2010, 299, 259-265.   | 1.4 | 285       |
| 2  | Solubility of Carvedilol in Ethanol + Propylene Glycol Mixtures at Various Temperatures. Industrial & Engineering Chemistry Research, 2013, 52, 16630-16636.                               | 1.8 | 209       |
| 3  | Thermodynamic analysis of the solubility of ketoprofen in some propylene glycol+water cosolvent mixtures. Fluid Phase Equilibria, 2010, 293, 242-250.                                      | 1.4 | 155       |
| 4  | Modeling the solubility and preferential solvation of gallic acid in cosolvent + water mixtures. Journal of Molecular Liquids, 2016, 224, 502-506.   | 2.3 | 138       |
| 5  | Thermodynamic analysis and enthalpy-entropy compensation for the solubility of indomethacin in aqueous and non-aqueous mixtures. Fluid Phase Equilibria, 2011, 308, 98-106.                | 1.4 | 128       |
| 6  | Solution thermodynamics of indomethacin in propylene glycol+water mixtures. Fluid Phase Equilibria, 2012, 314, 134-139.  | 1.4 | 125       |
| 7  | Title is missing!. Journal of Solution Chemistry, 2001, 30, 909-923.   | 0.6 | 115       |
| 8  | Solubility and preferential solvation of meloxicam in ethanol+water mixtures. Fluid Phase Equilibria, 2011, 305, 88-95.  | 1.4 | 112       |
| 9  | Solution Thermodynamics and Preferential Solvation of Meloxicam in Propylene Glycol + Water Mixtures. Journal of Solution Chemistry, 2011, 40, 1987-1999.                                  | 0.6 | 110       |
| 10 | Thermodynamics of Mixing and Solvation of Ibuprofen and Naproxen in Propylene Glycol+Water Cosolvent Mixtures. Journal of Solution Chemistry, 2008, 37, 165-181.                           | 0.6 | 109       |
| 11 | Temperature Dependence of Solubility for Ibuprofen in Some Organic and Aqueous Solvents. Journal of Solution Chemistry, 2004, 33, 1379-1395.   | 0.6 | 105       |
| 12 | Solubility and solution thermodynamics of sulfamerazine and sulfamethazine in some ethanol+water mixtures. Fluid Phase Equilibria, 2013, 360, 88-96.                                       | 1.4 | 104       |
| 13 | Thermodynamic analysis of the solubility of naproxen in ethanol+water cosolvent mixtures. Physics and Chemistry of Liquids, 2007, 45, 581-595.   | 0.4 | 96        |
| 14 | Thermodynamic study of the solubility of acetaminophen in propylene glycol + water cosolvent mixtures. Journal of the Brazilian Chemical Society, 2006, 17, 125-134.                       | 0.6 | 91        |
| 15 | Preferential solvation of sulfadiazine, sulfamerazine and sulfamethazine in ethanol+water solvent mixtures according to the IKBI method. Journal of Molecular Liquids, 2014, 193, 152-159. | 2.3 | 91        |
| 16 | Pharmaceuticals Solubility is Still Nowadays Widely Studied Everywhere. Pharmaceutical Sciences, 2017, 23, 1-2.  | 0.1 | 91        |
| 17 | Solution thermodynamics and preferential solvation of sulfamethazine in (methanol + water) mixtures. Journal of Chemical Thermodynamics, 2016, 97, 264-276.                                | 1.0 | 87        |
| 18 | Preferential solvation of etoricoxib in some aqueous binary cosolvent mixtures at 298.15 K. Physics and Chemistry of Liquids, 2017, 55, 291-303.   | 0.4 | 80        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Apparent Molal Volumes of Lidocaine $\cdot$ HCl and Procaine $\cdot$ HCl in Aqueous Solution as a Function of Temperature. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 1700-1703.   | 1.0 | 78        |
| 20 | 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.   | 0.4 | 77        |
| 21 | Solubility of sulfapyridine in propylene glycol+water mixtures and correlation with the Jouyban $\cdot$ Acree model. <i>Fluid Phase Equilibria</i> , 2013, 341, 86-95.  | 1.4 | 74        |
| 22 | Solubility of 2-Butyl-3-benzofuranyl 4-(2-(Diethylamino)ethoxy)-3,5-diiodophenyl Ketone Hydrochloride (Amiodarone HCl) in Ethanol + Water and <i>N</i> -Methyl-2-pyrrolidone + Water Mixtures at Various Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 1544-1550. | 1.0 | 70        |
| 23 | Solubility of sulfamethizole in some propylene glycol+water mixtures at several temperatures. <i>Fluid Phase Equilibria</i> , 2012, 322-323, 113-119.   | 1.4 | 70        |
| 24 | 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.   | 1.0 | 68        |
| 25 | Solubility and Solution Thermodynamics of Some Sulfonamides in 1-Propanol+Water Mixtures. <i>Journal of Solution Chemistry</i> , 2014, 43, 836-852.   | 0.6 | 66        |
| 26 | Solubility of phenobarbital in aqueous cosolvent mixtures revisited: IKBI preferential solvation analysis. <i>Physics and Chemistry of Liquids</i> , 2017, 55, 432-443.   | 0.4 | 66        |
| 27 | Thermodynamic study of the solubility of ibuprofen and naproxen in some ethanol+propylene glycol mixtures. <i>Fluid Phase Equilibria</i> , 2007, 262, 23-31.  | 1.4 | 61        |
| 28 | Solubility of naproxen in ethyl acetate+ethanol mixtures at several temperatures and correlation with the Jouyban $\cdot$ Acree model. <i>Fluid Phase Equilibria</i> , 2012, 320, 49-55.  | 1.4 | 55        |
| 29 | Solution thermodynamics of sulfadiazine in some ethanol+water mixtures. <i>Journal of Molecular Liquids</i> , 2013, 187, 99-105.  | 2.3 | 55        |
| 30 | Thermodynamic study of the solubility of sulfapyridine in some ethanol+water mixtures. <i>Journal of Molecular Liquids</i> , 2013, 177, 156-161.  | 2.3 | 54        |
| 31 | 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.   | 2.3 | 54        |
| 32 | Thermodynamic study of the solubility of ibuprofen in acetone and dichloromethane. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010, 46, 227-235.   | 1.2 | 52        |
| 33 | Solution Thermodynamics and Preferential Solvation of Sulfamerazine in Methanol + Water Mixtures. <i>Journal of Solution Chemistry</i> , 2015, 44, 360-377.   | 0.6 | 52        |
| 34 | 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.  | 0.4 | 51        |
| 35 | Solubility and preferential solvation of sulfadiazine in methanol+water mixtures at several temperatures. <i>Fluid Phase Equilibria</i> , 2014, 379, 128-138.   | 1.4 | 50        |
| 36 | Temperature Dependence of the Solubility of Acetaminophen in Propylene Glycol + Ethanol Mixtures. <i>Journal of Solution Chemistry</i> , 2006, 35, 335-352.   | 0.6 | 48        |

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|----|--|-----|-----------|
| 37 | 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.  | 0.4 | 47        |
| 38 | Thermodynamic study of the solubility of some sulfonamides in cyclohexane. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 803-808.   | 0.6 | 46        |
| 39 | Thermodynamic Study of the Solubility of Benzocaine in some Organic and Aqueous Solvents. <i>Journal of Solution Chemistry</i> , 2002, 31, 975-985.  | 0.6 | 45        |
| 40 | Solution Thermodynamics of Ketoprofen in Ethanol + Water Cosolvent Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 113-118.  | 1.0 | 45        |
| 41 | Solubility and Solution Thermodynamics of Meloxicam in 1,4-Dioxane and Water Mixtures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 16550-16558.   | 1.8 | 44        |
| 42 | 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.   | 1.4 | 44        |
| 43 | Further Numerical Analyses on the Solubility of Sulfapyridine in Ethanol + Water Mixtures. <i>Pharmaceutical Sciences</i> , 2016, 22, 143-152.   | 0.1 | 44        |
| 44 | Solubility of naproxen in several organic solvents at different temperatures. <i>Fluid Phase Equilibria</i> , 2007, 255, 70-77.  | 1.4 | 43        |
| 45 | Solution thermodynamics of acetaminophen in some PEG 400+water mixtures. <i>Fluid Phase Equilibria</i> , 2012, 332, 120-127.   | 1.4 | 42        |
| 46 | Solubility and preferential solvation of meloxicam in methanol+water mixtures at 298.15K. <i>Journal of Molecular Liquids</i> , 2014, 197, 368-373.  | 2.3 | 41        |
| 47 | 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.  | 2.3 | 41        |
| 48 | 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.   | 0.4 | 40        |
| 49 | Dissolution thermodynamics and preferential solvation of ketoconazole in some {ethanol (1) + water (2)} mixtures. <i>Journal of Molecular Liquids</i> , 2020, 313, 113579.   | 2.3 | 40        |
| 50 | Thermodynamics of partitioning of some sulfonamides in 1-octanol-buffer and liposome systems. <i>Journal of Physical Organic Chemistry</i> , 2002, 15, 874-880.  | 0.9 | 39        |
| 51 | 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.                             | 2.3 | 38        |
| 52 | 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.  | 0.4 | 38        |
| 53 | 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. | 0.4 | 37        |
| 54 | 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.   | 0.4 | 36        |

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|----|--|-----|-----------|
| 55 | Solubility of methocarbamol in some cosolvent+water mixtures at 298.15K and correlation with the Jouybanâ€™Acree model. Journal of Molecular Liquids, 2013, 188, 162-166.  | 2.3 | 36        |
| 56 | Preferential solvation of indomethacin and naproxen in ethyl acetate + ethanol mixtures according to the IKBI method. Physics and Chemistry of Liquids, 2014, 52, 533-545.   | 0.4 | 36        |
| 57 | The Importance of Dielectric Constant for Drug Solubility Prediction in Binary Solvent Mixtures: Electrolytes and Zwitterions in Water+Ethanol. AAPS PharmSciTech, 2010, 11, 1726-1729.  | 1.5 | 35        |
| 58 | Preferential Solvation of Some Sulfonamides in Propylene Glycol+Water Solvent Mixtures According to the IKBI and QLQC Methods. Journal of Solution Chemistry, 2014, 43, 360-374.   | 0.6 | 34        |
| 59 | Thermodynamic studies of fluphenazine decanoate solubility in propylene glycol+water mixtures and correlation with the Jouybanâ€™Acree model. Fluid Phase Equilibria, 2011, 308, 72-77.  | 1.4 | 33        |
| 60 | Eudragit S100 microparticles containing <i>Spodoptera frugiperda</i> nucleopolyhedrovirus: Physicochemical characterization, photostability and <i>in vitro</i> virus release. Journal of Microencapsulation, 2010, 27, 314-324. | 1.2 | 32        |
| 61 | Solution thermodynamics of indomethacin in ethanol+propylene glycol mixtures. Journal of Molecular Liquids, 2013, 181, 62-67.  | 2.3 | 32        |
| 62 | Solubility and solution thermodynamics of sulfadiazine in polyethylene glycol 400 + water mixtures. Journal of Molecular Liquids, 2016, 216, 239-245.  | 2.3 | 32        |
| 63 | Solubility of sulfacetamide in (ethanol + water) mixtures: Measurement, correlation, thermodynamics, preferential solvation and volumetric contribution at saturation. Journal of Molecular Liquids, 2019, 290, 111219.          | 2.3 | 32        |
| 64 | Solubility of 5-aminosalicylic acid in N-methyl-2-pyrrolidone + water mixtures at various temperatures. Journal of Molecular Liquids, 2020, 310, 113143.   | 2.3 | 32        |
| 65 | Thermodynamics of Partitioning of Benzocaine in Some Organic Solvent/Buffer and Liposome Systems.. Chemical and Pharmaceutical Bulletin, 2003, 51, 237-240.  | 0.6 | 31        |
| 66 | Extended Hildebrand Solubility Approach applied to piroxicam in ethanol+water mixtures. Journal of Molecular Liquids, 2013, 180, 34-38.  | 2.3 | 31        |
| 67 | Solubility measurement and thermodynamic modeling of caffeine in N-methyl-2-pyrrolidone+isopropanol mixtures at different temperatures. Journal of Molecular Liquids, 2021, 336, 116519.   | 2.3 | 31        |
| 68 | Solution Thermodynamics of Piroxicam in some Ethanol+Water Mixtures and Correlation with the Jouybanâ€™Acree Model. Journal of Solution Chemistry, 2013, 42, 358-371.  | 0.6 | 30        |
| 69 | Measurement and correlation of clotrimazole solubility in ethanol + water mixtures at T = (293.2 to) Tj ETQq1 1 0.784314 rgBT /Over bc   | 2.3 | 30        |
| 70 | Thermodynamic studies of fluphenazine decanoate solubility in PEG 200+water mixtures. Fluid Phase Equilibria, 2012, 330, 36-43.  | 1.4 | 29        |
| 71 | Solubility of celecoxib in N-methyl-2-pyrrolidone+water mixtures at various temperatures: Experimental data and thermodynamic analysis. Korean Journal of Chemical Engineering, 2017, 34, 1435-1443.                             | 1.2 | 29        |
| 72 | Study of naproxen in some aqueous solutions of choline-based deep eutectic solvents: Solubility measurements, volumetric and compressibility properties. International Journal of Pharmaceutics, 2019, 564, 197-206.             | 2.6 | 28        |

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|----|---|-----|-----------|
| 73 | Meloxicam Solubility in Ethanol+Water Mixtures According to the Extended Hildebrand Solubility Approach. <i>Journal of Solution Chemistry</i> , 2013, 42, 1706-1716.  | 0.6 | 27        |
| 74 | 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.                                      | 2.3 | 26        |
| 75 | Solubility of sulfadiazine in (acetonitrile + methanol) mixtures: Determination, correlation, dissolution thermodynamics and preferential solvation. <i>Journal of Molecular Liquids</i> , 2021, 322, 114979.               | 2.3 | 26        |
| 76 | Solubility and solution thermodynamics of meloxicam in polyethylene glycol 400+water mixtures. <i>Journal of Molecular Liquids</i> , 2015, 211, 233-238.  | 2.3 | 25        |
| 77 | Generally trained models to predict drug solubility in methanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2018, 264, 631-644.   | 2.3 | 25        |
| 78 | Solubility and thermodynamics of lamotrigine in carbitol+water mixtures from $T = 293.2$ to $T = 313.2$ K. <i>Journal of Molecular Liquids</i> , 2019, 274, 418-425.  | 1.5 | 25        |
| 79 | 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.                            | 2.3 | 25        |
| 80 | 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> , 2022, 345, 117043.          | 2.3 | 25        |
| 81 | Solubility, solution thermodynamics, and preferential solvation of piroxicam in ethyl acetate+ethanol mixtures. <i>Journal of Molecular Liquids</i> , 2016, 221, 72-81.   | 2.3 | 24        |
| 82 | Solubilization of bosentan using ethanol as a pharmaceutical cosolvent. <i>Journal of Molecular Liquids</i> , 2017, 232, 152-158.   | 2.3 | 24        |
| 83 | 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.  | 0.4 | 24        |
| 84 | 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 &amp; Engineering Data</i> , 2019, 64, 1425-1436. | 1.0 | 24        |
| 85 | 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.  | 2.3 | 24        |
| 86 | Mesalazine solubility in the binary mixtures of ethanol and water at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2021, 59, 12-25.   | 0.4 | 24        |
| 87 | Solubility and preferential solvation of meloxicam in ethyl acetate+ethanol mixtures at several temperatures. <i>Journal of Molecular Liquids</i> , 2014, 200, 122-128.   | 2.3 | 23        |
| 88 | Thermodynamic Study of the Solubility of Procaine HCl in Some Ethanol + Water Cosolvent Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 2900-2904.  | 1.0 | 22        |
| 89 | 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.                      | 0.6 | 22        |
| 90 | 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.                                   | 2.3 | 22        |

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|-----|---|-----|-----------|
| 91  | 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.   | 0.4 | 22        |
| 92  | 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.                 | 2.3 | 22        |
| 93  | 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.   | 2.3 | 22        |
| 94  | 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.   | 2.3 | 21        |
| 95  | 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.   | 1.4 | 21        |
| 96  | Solubility and Preferential Solvation of Sulfanilamide, Sulfamethizole and Sulfapyridine in Methanol+Water Mixtures at 298.15K. <i>Journal of Solution Chemistry</i> , 2016, 45, 1479-1503.   | 0.6 | 21        |
| 97  | Solubility and Preferential Solvation of Caffeine and Theophylline in {Methanol+Water} Mixtures at 298.15K. <i>Journal of Solution Chemistry</i> , 2017, 46, 1605-1624.   | 0.6 | 21        |
| 98  | 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.                          | 2.3 | 21        |
| 99  | Solubility of minoxidil in binary mixture of ethanol+water at various temperatures. <i>Physics and Chemistry of Liquids</i> , 2019, 57, 788-799.  | 0.4 | 20        |
| 100 | Thermodynamic study of the solubility of sodium naproxen in some ethanol + water mixtures. <i>Quimica Nova</i> , 2010, 33, 1923-1927.   | 0.3 | 19        |
| 101 | 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.  | 2.3 | 19        |
| 102 | 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.   | 0.4 | 19        |
| 103 | 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. | 1.5 | 19        |
| 104 | Solubility of sulphadiazine in (acetonitrile + water) mixtures: measurement, correlation, thermodynamics and preferential solvation. <i>Physics and Chemistry of Liquids</i> , 2020, 58, 381-396.   | 0.4 | 19        |
| 105 | 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.  | 2.3 | 19        |
| 106 | Volumetric properties of 1,2-propanediol + ethanol mixtures at different temperatures. <i>Physics and Chemistry of Liquids</i> , 2006, 44, 521-530.   | 0.4 | 18        |
| 107 | Thermodynamic Study of Partitioning and Solvation of (+)-Naproxen in Some Organic Solvent/Buffer and Liposome Systems. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 1933-1940.   | 1.0 | 18        |
| 108 | Solution Thermodynamics of Triclocarban in Organic Solvents of Different Hydrogen Bonding Capability. <i>Journal of Solution Chemistry</i> , 2009, 38, 1493-1503.   | 0.6 | 18        |



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|-----|---|-----|-----------|
| 109 | Preferential Solvation of Ketoprofen in Some Co-solvent Binary Mixtures. <i>Journal of Solution Chemistry</i> , 2014, 43, 1904-1915.  | 0.6 | 18        |
| 110 | Extended Hildebrand solubility approach applied to some sulphonamides in propylene glycol+water mixtures. <i>Physics and Chemistry of Liquids</i> , 2015, 53, 763-775.  | 0.4 | 18        |
| 111 | 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.  | 2.3 | 18        |
| 112 | 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.                                      | 1.0 | 18        |
| 113 | Thermodynamic analysis of the solubility and preferential solvation of sulfamerazine in (acetonitrile) Tj ETQq1 1 0.784314 rgBT /Overl  | 2.3 | 18        |
| 114 | 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.   | 2.3 | 18        |
| 115 | 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.   | 0.5 | 17        |
| 116 | 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.  | 0.4 | 17        |
| 117 | Solvataci3n preferencial de algunas sulfonamidas en mezclas cosolventes 1,4-dioxano + agua a 298,15 K seg4n el m4todo de las integrales inversas de Kirkwood-Buff. <i>Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales</i> , 2014, 38, 104. | 0.0 | 17        |
| 118 | Solubility of drugs in ethyl acetate-ethanol mixtures at various temperatures. <i>Journal of Drug Delivery Science and Technology</i> , 2012, 22, 545-547.  | 1.4 | 16        |
| 119 | Preferential solvation of somen-alkylp-substituted benzoates in propylene glycol + water cosolvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2015, 53, 455-466.   | 0.4 | 16        |
| 120 | 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.  | 2.3 | 16        |
| 121 | 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.  | 0.4 | 16        |
| 122 | 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.   | 1.0 | 16        |
| 123 | Solubility of acetaminophen in 1-propanol+water mixtures at <i>T</i> = 293.2-313.2 K. <i>Physics and Chemistry of Liquids</i> , 2020, 58, 456-472.  | 0.4 | 16        |
| 124 | Thermodynamic analysis and preferential solvation of sulfamethazine in acetonitrile+ water cosolvent mixtures. <i>Fluid Phase Equilibria</i> , 2020, 505, 112361.   | 1.4 | 16        |
| 125 | Solubility of the Antimicrobial Agent Triclosan in Organic Solvents of Different Hydrogen Bonding Capabilities at Several Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 2576-2580.  | 1.0 | 15        |
| 126 | Viscosity and surface tension of glycerol+N<i>-methyl-2-pyrrolidone mixtures from 293 to 323 K. <i>Physics and Chemistry of Liquids</i> , 2015, 53, 104-116.  | 0.4 | 15        |



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|-----|---|-----|-----------|
| 127 | Preferential Solvation of Indomethacin in Some Aqueous Co-Solvent Mixtures. <i>Chemical Engineering Communications</i> , 2016, 203, 619-627.  | 1.5 | 15        |
| 128 | Solubility and thermodynamic properties of mesalazine in {2-propanol+water} mixtures at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 301, 112474.  | 2.3 | 15        |
| 129 | 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.  | 0.3 | 14        |
| 130 | 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.  | 2.3 | 14        |
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