Daniel R Delgado

List of Publications by Citations

78 papers	2,174 citations	27 h-index	45 g-index
86 ext. papers	2,396 ext. citations	2.8 avg, IF	5.4 L-index

#	Paper	IF	Citations
78	Solubility and preferential solvation of indomethacin in 1,4-dioxane+water solvent mixtures. *Fluid Phase Equilibria*, **2010**, 299, 259-265	2.5	251
77	Solution thermodynamics of indomethacin in propylene glycol + water mixtures. *Fluid Phase Equilibria*, **2012**, 314, 134-139	2.5	108
76	Solubility and preferential solvation of meloxicam in ethanol + water mixtures. *Fluid Phase Equilibria*, **2011**, 305, 88-95	2.5	101
75	Solution Thermodynamics and Preferential Solvation of Meloxicam in Propylene Glycol + Water Mixtures. *Journal of Solution Chemistry*, **2011**, 40, 1987-1999	1.8	100
74	Solubility and solution thermodynamics of sulfamerazine and sulfamethazine in some ethanol+water mixtures. *Fluid Phase Equilibria*, **2013**, 360, 88-96	2.5	90
73	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	6	75
72	Solution thermodynamics and preferential solvation of sulfamethazine in (methanol + water) mixtures. *Journal of Chemical Thermodynamics*, **2016**, 97, 264-276	2.9	74
71	Solubility of sulfapyridine in propylene glycol+water mixtures and correlation with the Jouyban□Acree model. *Fluid Phase Equilibria*, **2013**, 341, 86-95	2.5	68
70	Preferential solvation of methocarbamol in aqueous binary co-solvent mixtures at 298.15 K. *Physics and Chemistry of Liquids*, **2014**, 52, 726-737	1.5	66
69	Solubility of sulfamethizole in some propylene glycol+water mixtures at several temperatures. *Fluid Phase Equilibria*, **2012**, 322-323, 113-119	2.5	64
68	Solubility and Solution Thermodynamics of Some Sulfonamides in 1-Propanol + Water Mixtures. *Journal of Solution Chemistry*, **2014**, 43, 836-852	1.8	58
67	Solubility and preferential solvation of some n-alkyl-parabens in methanol+water mixtures at 298.15K. *Journal of Chemical Thermodynamics*, **2017**, 108, 26-37	2.9	57
66	Solubility of naproxen in ethyl acetate+ethanol mixtures at several temperatures and correlation with the Jouyban□Acree model. *Fluid Phase Equilibria*, **2012**, 320, 49-55	2.5	52
65	Solution Thermodynamics and Preferential Solvation of Sulfamerazine in Methanol + Water Mixtures. *Journal of Solution Chemistry*, **2015**, 44, 360-377	1.8	47
64	Thermodynamic study of the solubility of sulfapyridine in some ethanol+water mixtures. *Journal of Molecular Liquids*, **2013**, 177, 156-161	6	47
63	Solution thermodynamics of sulfadiazine in some ethanol+water mixtures. *Journal of Molecular Liquids*, **2013**, 187, 99-105	6	45
62	Solubility and Solution Thermodynamics of Meloxicam in 1,4-Dioxane and Water Mixtures. *Industrial & Engineering Chemistry Research*, **2014**, 53, 16550-16558	3.9	42

61	Solubility and preferential solvation of meloxicam in methanol + water mixtures at 298.15 K. *Journal of Molecular Liquids*, **2014**, 197, 368-373	6	38
60	Further Numerical Analyses on the Solubility of Sulfapyridine in Ethanol + Water Mixtures **2016**, 22, 143-152		38
59	Solubility and preferential solvation of sulfadiazine in methanol+water mixtures at several temperatures. *Fluid Phase Equilibria*, **2014**, 379, 128-138	2.5	37
58	Solution thermodynamics of acetaminophen in some PEG 400 + water mixtures. *Fluid Phase Equilibria*, **2012**, 332, 120-127	2.5	36
57	Preferential solvation of some structurally related sulfonamides in 1-propanol + water co-solvent mixtures. *Physics and Chemistry of Liquids*, **2015**, 53, 293-306	1.5	35
56	Solubility and preferential solvation of sulfadiazine, sulfamerazine and sulfamethazine in propylene glycol+water mixtures at 298.15K. *Journal of Molecular Liquids*, **2015**, 204, 132-136	6	35
55	Solubility temperature dependence and preferential solvation of sulfadiazine in 1,4-dioxane + water co-solvent mixtures. *Fluid Phase Equilibria*, **2015**, 397, 26-36	2.5	34
54	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	1.8	28
53	Solution thermodynamics of indomethacin in ethanol+propylene glycol mixtures. *Journal of Molecular Liquids*, **2013**, 181, 62-67	6	28
52	Solubility of methocarbamol in some cosolvent+water mixtures at 298.15K and correlation with the Jouyban□cree model. *Journal of Molecular Liquids*, **2013**, 188, 162-166	6	27
51	The importance of dielectric constant for drug solubility prediction in binary solvent mixtures: electrolytes and zwitterions in water + ethanol. *AAPS PharmSciTech*, **2010**, 11, 1726-9	3.9	27
50	Extended Hildebrand solubility approach applied to sulphadiazine, sulphamerazine and sulphamethazine in some {1-propanol (1) + water (2)} mixtures at 298.15 K. *Physics and Chemistry of Liquids*, **2019**, 57, 388-400	1.5	25
49	Extended Hildebrand Solubility Approach applied to piroxicam in ethanol + water mixtures. *Journal of Molecular Liquids*, **2013**, 180, 34-38	6	25
48	Enthalpy-entropy compensation analysis of the triclocarban dissolution process in some {1,4-dioxane (1) + water (2)} mixtures. *Journal of Molecular Liquids*, **2018**, 271, 522-529	6	22
47	Meloxicam Solubility in Ethanol+Water Mixtures According to the Extended Hildebrand Solubility Approach. *Journal of Solution Chemistry*, **2013**, 42, 1706-1716	1.8	21
46	Volumetric Properties of Glycerol Formal + Propylene Glycol Mixtures at Several Temperatures and Correlation with the Jouyban□cree Model. *Journal of Solution Chemistry*, **2012**, 41, 1477-1494	1.8	20
45	Thermodynamic Study of the Solubility of Procaine HCl in Some Ethanol + Water Cosolvent Mixtures. *Journal of Chemical & Engineering Data*, **2010**, 55, 2900-2904	2.8	19
44	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	1.5	18

43	Solubility of sulphadiazine in (acetonitrile + water) mixtures: measurement, correlation, thermodynamics and preferential solvation. *Physics and Chemistry of Liquids*, **2020**, 58, 381-396	1.5	18
42	Thermodynamic study of the solubility of sodium naproxen in some ethanol + water mixtures. *Quimica Nova*, **2010**, 33, 1923-1927	1.6	17
41	Solvatación preferencial de algunas sulfonamidas en mezclas cosolventes 1,4-dioxano + agua a 298,15 K según el método de las integrales inversas de Kirkwood-Buff. *Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales*, **2014**, 38, 104	0.5	17
40	Solubility of sulfacetamide in aqueous propylene glycol mixtures: Measurement, correlation, dissolution thermodynamics, preferential solvation and solute volumetric contribution at saturation. *Journal of Molecular Liquids*, **2020**, 297, 111889	6	17
39	Thermodynamic analysis of the solubility and preferential solvation of sulfamerazine in (acetonitrile + water) cosolvent mixtures at different temperatures. *Journal of Molecular Liquids*, **2019**, 293, 111507	6	16
38	Preferential Solvation of Indomethacin in Some Aqueous Co-Solvent Mixtures. *Chemical Engineering Communications*, **2016**, 203, 619-627	2.2	14
37	Extended Hildebrand solubility approach applied to some sulphonamides in propylene glycol + water mixtures. *Physics and Chemistry of Liquids*, **2015**, 53, 763-775	1.5	14
36	Preferential solvation of some n-alkyl p-substituted benzoates in propylene glycol + water cosolvent mixtures. *Physics and Chemistry of Liquids*, **2015**, 53, 455-466	1.5	14
35	Volumetric properties of the glycerol formal + water cosolvent system and correlation with the Jouyban–Acree model. *Physics and Chemistry of Liquids*, **2012**, 50, 284-301	1.5	14
34	Solubility and saturation apparent specific volume of some sodium sulfonamides in propylene glycol + water mixtures at 298.15 K. *Journal of Molecular Liquids*, **2015**, 211, 192-196	6	13
33	Thermodynamic analysis and preferential solvation of sulfamethazine in acetonitrile´+ water cosolvent mixtures. *Fluid Phase Equilibria*, **2020**, 505, 112361	2.5	13
32	Solubility of sulfadiazine in (acetonitrile + methanol) mixtures: Determination, correlation, dissolution thermodynamics and preferential solvation. *Journal of Molecular Liquids*, **2021**, 322, 114979	6	12
31	Apparent Molar Volumes of Some Sodium Sulfonamides in Water at Several Molalities and Temperatures. *Journal of Solution Chemistry*, **2011**, 40, 1955-1963	1.8	10
30	Extended Hildebrand solubility approach applied to some structurally related sulfonamides in ethanol + water mixtures. *Revista Colombiana De Quimica*, **2016**, 45, 34	0.6	9
29	Solubility of sulfadiazine in (ethylene glycol´+´water) mixtures: Measurement, correlation, thermodynamics and preferential solvation. *Journal of Molecular Liquids*, **2021**, 323, 115058	6	9
28	Solution thermodynamics of methocarbamol in some ethanol + water mixtures. *Quimica Nova*, **2012**, 35, 1967-1972	1.6	8
27	Thermodynamic study of the solubility of ethylparaben in acetonitrile + water cosolvent mixtures at different temperatures. *Journal of Molecular Liquids*, **2019**, 287, 110894	6	7
26	Extended Hildebrand solubility approach applied to some sulphapyrimidines in some {methanol (1) + water (2)} mixtures. *Physics and Chemistry of Liquids*, **2018**, 56, 176-188	1.5	7

25	Solution thermodynamics of nimodipine in some PEG 400 + ethanol mixtures. *Physics and Chemistry of Liquids*, **2013**, 51, 651-662	1.5	7
24	Thermodynamic study of the solubility of triclocarban in ethanol + propylene glycol mixtures. *Quimica Nova*, **2012**, 35, 280-285	1.6	7
23	Thermodynamic analysis and applications of the Abraham solvation parameter model in the study of the solubility of some sulfonamides. *Revista Colombiana De Ciencias Qu□mico Farmac□uticas*, **2020**, 49,	0.6	5
22	Solution thermodynamics and preferential solvation of triclocarban in {1,4-dioxane (1) + water (2)} mixtures at 298.15 K. *Physics and Chemistry of Liquids*, **2019**, 57, 55-66	1.5	5
21	Temperature and cosolvent composition effects in the solubility of methylparaben in acetonitrile + water mixtures. *Physics and Chemistry of Liquids*, **2020**, 58, 722-735	1.5	5
20	Solubility of sulfamerazine in (ethylene glycol´+´water) mixtures: Measurement, correlation, dissolution thermodynamics and preferential solvation. *Journal of Molecular Liquids*, **2021**, 337, 116330	6	5
19	Preferential solvation of indomethacin in 1,4-dioxane + water mixtures according to the inverse Kirkwood□Buff integrals method. *Physics and Chemistry of Liquids*, **2016**, 54, 462-474	1.5	4
18	Indomethacin solubility estimation in 1,4-dioxane + water mixtures by the extended hildebrand solubility approach. *Quimica Nova*, **2011**, 34, 1569-1574	1.6	4
17	Normatividad ambiental dirigida a regular la presencia de los productos farmac□uticos residuales en ambientes acu□icos. *Revista Jur□dica Pi□agus*, **2017**, 16, 121	0	4
16	Solution thermodynamics and preferential solvation of sulfamethazine in ethylene glycol + water mixtures. *Journal of the Taiwan Institute of Chemical Engineers*, **2021**, 118, 68-77	5.3	4
15	Preferential solvation of tricin in {ethanol (1) + water (2)} mixtures at several temperatures. *Revista Colombiana De Ciencias Qu□mico Farmac□uticas*, **2018**, 47, 135-148	0.6	4
14	Solution thermodynamics and preferential solvation of 3-chloro-N-phenyl-phthalimide in acetone + methanol mixtures. *Revista Colombiana De Ciencias Qu□mico Farmac□uticas*, **2016**, 45, 256	0.6	3
13	Remoci□ de metales pesados com□nmente generados por la actividad industrial, empleando macr□fitas neotropicales. *Produccion Y Limpia*, **2016**, 11, 126-149	0.1	3
12	Solubility, Solution Thermodynamics, and Preferential Solvation of Amygdalin in Ethanol + Water Solvent Mixtures. *Pharmaceuticals*, **2020**, 13,	5.2	3
11	Measurement and correlation of solubility of ethylparaben in pure and binary solvents and thermodynamic properties of solution. *Revista Colombiana De Ciencias Qu□mico Farmac□uticas*, **2019**, 48, 332-347	0.6	3
10	Predicting the solubility, thermodynamic properties and preferential solvation of sulphamethazine in {acetonitrile + water} mixtures using a minimum number of experimental data points. *Physics and Chemistry of Liquids*, **2021**, 59, 400-411	1.5	3
9	Extraction of lyophilized olive mill wastewater using supercritical CO2 processes. *AEJ - Alexandria Engineering Journal*, **2022**, 61, 237-246	6.1	3
8	Thermodynamic Study of the Solubility of Naproxen in Some 2-Propanol + Water Mixtures. *Revista Facultad De Ciencias B□sicas*, **2016**, 12, 48-55	0.2	2

7	Thermodynamic study and preferential solvation of sulfamerazine in acetonitrile + methanol cosolvent mixtures at different temperatures. *Journal of Molecular Liquids*, **2021**, 349, 118172	6	2
6	Regulación ambiental sobre los productos farmacéuticos residuales en ambientes acuáticos. *Entornos*, **2015**, 28, 76		2
5	Solubility of Hydroxytyrosol in binary mixture of ethanol + water from (293.15 to 318.15) K: Measurement, correlation, dissolution thermodynamics and preferential solvation. *AEJ - Alexandria Engineering Journal*, **2021**, 60, 905-914	6.1	2
4	Equilibrium solubility and apparent specific volume at saturation of sodium sulfadiazine in some aqueous cosolvent mixtures at 298.2 K. *Physics and Chemistry of Liquids*, **2021**, 59, 40-52	1.5	1
3	Automedicación en estudiantes de la Sede Neiva de la Universidad Cooperativa de Colombia. *Revista Colombiana De Ciencias Químico Farmacéuticas*, **2019**, 48, 128-144	0.6	0
2	Thermodynamic analysis of the solubility of triclocarban in ethylene glycol + water mixtures. *Journal of Molecular Liquids*, **2021**, 325, 115222	6	0
1	Thermodynamic analysis and preferential solvation of sulfanilamide in different cosolvent mixtures. *Physics and Chemistry of Liquids*,1-16	1.5	