

Daniel R Delgado

List of Publications by Year in Descending Order

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

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	Extraction of lyophilized olive mill wastewater using supercritical CO ₂ processes. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 237-246	6.1	3
77	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
76	Thermodynamic analysis of the solubility of triclocarban in ethylene glycol + water mixtures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115222	6	0
75	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
74	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
73	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
72	Solubility of Hydroxytyrosol in binary mixture of ethanol + water from (293.15 to 318.15) K: Measurement, correlation, dissolution thermodynamics and preferential solvation. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 905-914	6.1	2
71	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
70	Solution thermodynamics and preferential solvation of sulfamethazine in ethylene glycol + water mixtures. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 118, 68-77	5.3	4
69	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
68	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
67	Thermodynamic analysis and preferential solvation of sulfamethazine in acetonitrile + water cosolvent mixtures. <i>Fluid Phase Equilibria</i> , 2020 , 505, 112361	2.5	13
66	Thermodynamic analysis and applications of the Abraham solvation parameter model in the study of the solubility of some sulfonamides. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2020 , 49,	0.6	5
65	Solubility, Solution Thermodynamics, and Preferential Solvation of Amygdalin in Ethanol + Water Solvent Mixtures. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	3
64	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
63	Temperature and cosolvent composition effects in the solubility of methylparaben in acetonitrile + water mixtures. <i>Physics and Chemistry of Liquids</i> , 2020 , 58, 722-735	1.5	5
62	Automedicaci3n en estudiantes de la Sede Neiva de la Universidad Cooperativa de Colombia. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2019 , 48, 128-144	0.6	0

61	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
60	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
59	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
58	Measurement and correlation of solubility of ethylparaben in pure and binary solvents and thermodynamic properties of solution. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2019 , 48, 332-347	0.6	3
57	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
56	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
55	Preferential solvation of triclin in {ethanol (1) + water (2)} mixtures at several temperatures. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2018 , 47, 135-148	0.6	4
54	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
53	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
52	Normatividad ambiental dirigida a regular la presencia de los productos farmacéuticos residuales en ambientes acuáticos. <i>Revista Jurídica Pílagos</i> , 2017 , 16, 121	0	4
51	Preferential Solvation of Indomethacin in Some Aqueous Co-Solvent Mixtures. <i>Chemical Engineering Communications</i> , 2016 , 203, 619-627	2.2	14
50	Solution thermodynamics and preferential solvation of sulfamethazine in (methanol + water) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 264-276	2.9	74
49	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
48	Further Numerical Analyses on the Solubility of Sulfapyridine in Ethanol + Water Mixtures 2016 , 22, 143-152		38
47	Solution thermodynamics and preferential solvation of 3-chloro-N-phenyl-phthalimide in acetone + methanol mixtures. <i>Revista Colombiana De Ciencias Químico Farmacéuticas</i> , 2016 , 45, 256	0.6	3
46	Thermodynamic Study of the Solubility of Naproxen in Some 2-Propanol + Water Mixtures. <i>Revista Facultad De Ciencias Básicas</i> , 2016 , 12, 48-55	0.2	2
45	Remoción de metales pesados comúnmente generados por la actividad industrial, empleando macrófitas neotropicales. <i>Produccion Y Limpia</i> , 2016 , 11, 126-149	0.1	3
44	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

43	Solution Thermodynamics and Preferential Solvation of Sulfamerazine in Methanol + Water Mixtures. <i>Journal of Solution Chemistry</i> , 2015 , 44, 360-377	1.8	47
42	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
41	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
40	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
39	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
38	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
37	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
36	Regulaci3n ambiental sobre los productos farmac3uticos residuales en ambientes acu3ticos. <i>Entornos</i> , 2015 , 28, 76		2
35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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, F3sicas Y Naturales</i> , 2014 , 38, 104	0.5	17
26	Thermodynamic study of the solubility of sulfapyridine in some ethanol+water mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 177, 156-161	6	47

25	Solubility of methocarbamol in some cosolvent+water mixtures at 298.15K and correlation with the JouybanAcree model. <i>Journal of Molecular Liquids</i> , 2013 , 188, 162-166	6	27
24	Solution thermodynamics of nimodipine in some PEG 400 + ethanol mixtures. <i>Physics and Chemistry of Liquids</i> , 2013 , 51, 651-662	1.5	7
23	Solution thermodynamics of indomethacin in ethanol+propylene glycol mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 181, 62-67	6	28
22	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
21	Extended Hildebrand Solubility Approach applied to piroxicam in ethanol + water mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 180, 34-38	6	25
20	Solubility of sulfapyridine in propylene glycol+water mixtures and correlation with the JouybanAcree model. <i>Fluid Phase Equilibria</i> , 2013 , 341, 86-95	2.5	68
19	Solution thermodynamics of sulfadiazine in some ethanol+water mixtures. <i>Journal of Molecular Liquids</i> , 2013 , 187, 99-105	6	45
18	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
17	Volumetric properties of the glycerol formal + water cosolvent system and correlation with the JouybanAcree model. <i>Physics and Chemistry of Liquids</i> , 2012 , 50, 284-301	1.5	14
16	Volumetric Properties of Glycerol Formal + Propylene Glycol Mixtures at Several Temperatures and Correlation with the JouybanAcree Model. <i>Journal of Solution Chemistry</i> , 2012 , 41, 1477-1494	1.8	20
15	Solution thermodynamics of acetaminophen in some PEG 400 + water mixtures. <i>Fluid Phase Equilibria</i> , 2012 , 332, 120-127	2.5	36
14	Thermodynamic study of the solubility of triclocarban in ethanol + propylene glycol mixtures. <i>Quimica Nova</i> , 2012 , 35, 280-285	1.6	7
13	Solution thermodynamics of methocarbamol in some ethanol + water mixtures. <i>Quimica Nova</i> , 2012 , 35, 1967-1972	1.6	8
12	Solution thermodynamics of indomethacin in propylene glycol + water mixtures. <i>Fluid Phase Equilibria</i> , 2012 , 314, 134-139	2.5	108
11	Solubility of naproxen in ethyl acetate+ethanol mixtures at several temperatures and correlation with the JouybanAcree model. <i>Fluid Phase Equilibria</i> , 2012 , 320, 49-55	2.5	52
10	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
9	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
8	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

7	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
6	Solubility and preferential solvation of meloxicam in ethanol + water mixtures. <i>Fluid Phase Equilibria</i> , 2011 , 305, 88-95	2.5	101
5	Thermodynamic study of the solubility of sodium naproxen in some ethanol + water mixtures. <i>Quimica Nova</i> , 2010 , 33, 1923-1927	1.6	17
4	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
3	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
2	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
1	Thermodynamic analysis and preferential solvation of sulfanilamide in different cosolvent mixtures. <i>Physics and Chemistry of Liquids</i> , 1-16	1.5	