Allan N Soriano, Ph D

List of Publications by Year
in descending order

		236925	254184
46 papers	**1,836** citations	**25** h-index	**43** g-index
46 all docs	**46** docs citations	**46** times ranked	**1575** citing authors

#	ARTICLE	IF	CITATIONS
1	Densities and refractive indices of the deep eutectic solvents (choline chloride + ethylene glycol or) Tj ETQq1 1 0.784314 rgBT /Overlock Taiwan Institute of Chemical Engineers, 2012, 43, 551-557.	5.3	238
2	Measurements of the density and refractive index for 1-n-butyl-3-methylimidazolium-based ionic liquids. Journal of Chemical Thermodynamics, 2009, 41, 301-307.	2.0	148
3	Equilibrium solubility of carbon dioxide in (2-amino-2-methyl-1-propanol+piperazine+water). Journal of Chemical Thermodynamics, 2010, 42, 659-665.	2.0	104
4	Diffusion coefficients and molar conductivities in aqueous solutions of 1-ethyl-3-methylimidazolium-based ionic liquids. Fluid Phase Equilibria, 2008, 271, 43-52.	2.5	97
5	Solubility of Carbon Dioxide in 1-Ethyl-3-methylimidazolium Tetrafluoroborate. Journal of Chemical & Engineering Data, 2008, 53, 2550-2555.	1.9	82
6	Carbon dioxide solubility in some ionic liquids at moderate pressures. Journal of the Taiwan Institute of Chemical Engineers, 2009, 40, 387-393.	5.3	80
7	Heat capacities and electrical conductivities of 1-ethyl-3-methylimidazolium-based ionic liquids. Journal of Chemical Thermodynamics, 2009, 41, 103-108.	2.0	79
8	Heat capacities and electrical conductivities of 1-n-butyl-3-methylimidazolium-based ionic liquids. Thermochimica Acta, 2009, 482, 42-48.	2.7	71
9	Density and refractive index measurements of 1-ethyl-3-methylimidazolium-based ionic liquids. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 115-121.	5.3	68
10	Vapour pressures, densities, and viscosities of the aqueous solutions containing (triethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	61
11	Carbon dioxide solubility in 1-ethyl-3-methylimidazolium trifluoromethanesulfonate. Journal of Chemical Thermodynamics, 2009, 41, 525-529.	2.0	58
12	Equilibrium solubility of carbon dioxide in the amine solvent system of (triethanolamine+piperazine+water). Journal of Chemical Thermodynamics, 2010, 42, 802-807.	2.0	54
13	Vapour pressures and densities of the mixed-solvent desiccants (glycols+water+salts). Journal of Chemical Thermodynamics, 2009, 41, 724-730.	2.0	46
14	Molar heat capacity of four aqueous ionic liquid mixtures. Thermochimica Acta, 2011, 519, 44-49.	2.7	45
15	Solubility of carbon dioxide in 1-ethyl-3-methylimidazolium 2-(2-methoxyethoxy) ethylsulfate. Journal of Chemical Thermodynamics, 2008, 40, 1654-1660.	2.0	42
16	Heat capacity and electrical conductivity of aqueous mixtures of [Bmim][BF4] and [Bmim][PF6]. Journal of the Taiwan Institute of Chemical Engineers, 2009, 40, 205-212.	5.3	42
17	Solubility of CO2 in the solvent system (water+monoethanolamine+triethanolamine). Journal of Chemical Thermodynamics, 2010, 42, 342-347.	2.0	42
18	A simple approach to predict molar heat capacity of ionic liquids using group-additivity method. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 307-314.	5.3	39

#	Article	IF	Citations
19	Mutual diffusion coefficients of aqueous solutions of some glycols. Fluid Phase Equilibria, 2009, 285, 44-49.	2.5	36
20	Electrolytic conductivity and molar heat capacity of two aqueous solutions of ionic liquids at room-temperature: Measurements and correlations. Journal of Chemical Thermodynamics, 2010, 42, 994-998.	2.0	35
21	Thermophysical property characterization of aqueous amino acid salt solution containing serine. Journal of Chemical Thermodynamics, 2014, 78, 23-31.	2.0	33
22	Diffusion coefficients of aqueous ionic liquid solutions at infinite dilution determined from electrolytic conductivity measurements. Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 258-264.	5.3	31
23	Kinetics study of carbon dioxide absorption into aqueous solutions containing N-methyldiethanolamine+diethanolamine. Journal of the Taiwan Institute of Chemical Engineers, 2009, 40, 403-412.	5.3	28
24	Densities, viscosities, refractive indices, and electrical conductivities of aqueous alkali salts of Î±-alanine. Journal of Chemical Thermodynamics, 2014, 77, 116-122.	2.0	28
25	Solubility of carbon dioxide in the solvent system (2-amino-2-methyl-1-propanol+sulfolane+water). Fluid Phase Equilibria, 2010, 291, 195-200.	2.5	26
26	Molar heat capacity and electrolytic conductivity of aqueous solutions of [Bmim][MeSO4] and [Bmim][triflate]. Thermochimica Acta, 2009, 496, 105-109.	2.7	25
27	Binary mutual diffusion coefficient of aqueous solutions of propylene glycol and dipropylene glycol. Journal of the Taiwan Institute of Chemical Engineers, 2010, 41, 279-285.	5.3	23
28	Liquid heat capacity of the solvent system (piperazine+2-amino-2-methyl-l-propanol+water). Journal of Chemical Thermodynamics, 2010, 42, 518-523.	2.0	22
29	Diffusivity, Density and Viscosity of Aqueous Solutions of Choline Chloride/Ethylene Glycol and Choline Chloride/Malonic Acid. Journal of Chemical Engineering of Japan, 2012, 45, 939-947.	0.6	21
30	Thermophysical property characterization of aqueous amino acid salt solutions containing Î± -aminobutyric acid. Journal of Chemical Thermodynamics, 2015, 81, 136-142.	2.0	21
31	Measurements and correlations of electrolytic conductivity and molar heat capacity for the aqueous ionic liquid systems containing [Emim][EtSO4] or [Emim][CF3SO3]. Experimental Thermal and Fluid Science, 2011, 35, 1107-1112.	2.7	20
32	Densities and vapor pressures of mixed-solvent desiccant systems containing {glycol (diethylene, or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Thermodynamics, 2010, 42, 1163-1167.	2.0	18
33	Kinetics of absorption of carbon dioxide in 2-amino-2-methyl-l-propanol+N-methyldiethanolamine+water. Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 76-85.	5.3	18
34	Liquid heat capacity of the solvent system (piperazine+n-methyldiethanolamine+water). Journal of Chemical Thermodynamics, 2010, 42, 54-59.	2.0	12
35	Measurements and Correlations of Electrical Conductivity of Aqueous Solutions of Some Ionic Liquids. Journal of Chemical Engineering of Japan, 2011, 44, 209-213.	0.6	8
36	Thermophysical property characterization of tris(hydroxymethyl)aminomethane. Journal of Chemical Thermodynamics, 2011, 43, 186-189.	2.0	7

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37	Heat capacities of aqueous solutions containing diethanolamine and N-methyldiethanolamine. Journal of Chemical Thermodynamics, 2009, 41, 1259-1263.	2.0	5
38	Thermophysical property characterization of ternary system containing {glycol (DEG/TEG/T4EG)+2-amino-2-hydroxymethyl-1,3-propanediol+water}. Journal of Chemical Thermodynamics, 2013, 59, 121-126.	2.0	5
39	Density and vapour pressure of mixed-solvent desiccant systems (propylene glycol or dipropylene) Tj ETQq1 1 0.784314 rgBT /Overloc 2014, 79, 235-241.	2.0	5
40	Ternary diffusion coefficients of DEG and LiBr in aqueous glycolâ€"salt system (DEG+LiBr+H2O). Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 233-239.	5.3	4
41	Desmearing of FR4 Epoxy Resin Using NMP-Based Sweller. Journal of Electronic Materials, 2009, 38, 2368-2375.	2.2	3
42	Thermophysical characterization of aqueous ternary system containing n-tris-[hydroxymethyl]methyl-3-amino propanesulfonic acid and glycol (PG or DPG or TPG). Journal of Chemical Thermodynamics, 2013, 59, 80-86.	2.0	2
43	Optimization of the drying parameters for the short-form spray dryer producing powdered egg with 20% tapioca starch additive. Advances in Mechanical Engineering, 2015, 7, 168781401560260.	1.6	2
44	Ternary diffusion coefficients of diethylene glycol and lithium chloride in aqueous solutions containing diethylene glycol and lithium chloride. Fluid Phase Equilibria, 2010, 297, 1-5.	2.5	1
45	Density of PG+AMP+H<sub>2</sub>O and Solubility of N<sub>2</sub>O in PG+AMP+H<sub>2</sub>O. Journal of Chemical Engineering of Japan, 2013, 46, 93-99.	0.6	1
46	Densities of n-tris(hydroxymethyl)methyl-3-aminopropanesulfonic acid (TAPS) + glycol (DEG / TEG /) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	0