Gustavo A Iglesias-Silva

List of Publications by Year in Descending Order

40 papers	709 citations	16 h-index	25 g-index
41 ext. papers	808 ext. citations	2.9 avg, IF	3.98 L-index

#	Paper	IF	Citations
40	Densities, Viscosities and Derived Properties of n-Pentane or n-Hexane with n-Undecane and n-Dodecane from 288.15 K to 343.15 K. *International Journal of Thermophysics*, **2022**, 43, 1	2.1	0
39	Surface tensions of biodiesel blends with pentanol and octanol isomers at different conditions: measurement and new correlation. *Fluid Phase Equilibria*, **2021**, 540, 113046	2.5	1
38	Physical Properties of Biodiesel Blended with Hexanol Isomers at Different Temperatures: Surface Tension, Density, Viscosity, and Refractive Index. *Journal of Chemical & Engineering Data*, **2020**, 65, 3706-3727	2.8	7
37	A correlation for the viscosity of binary mixtures of ionic liquids with organic solvents and water. *Fluid Phase Equilibria*, **2020**, 514, 112543	2.5	1
36	Densities and Viscosities for Aqueous Solutions of Sodium Chlorate and Potassium Chlorate + Methanol from (288.15 to 318.15) K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2019**, 64, 1999-2010	2.8	6
35	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2019**, 64, 1922-1936	2.8	8
34	P T Data and Derivative Properties of 3-Methylpentane, 2,4-Dimethylpentane, and 2,3,4-Trimethylpentane from 283.15 to 363.15 K at Pressures up to 65 MPa. *Journal of Chemical & Engineering Data*, **2019**, 64, 6020-6030	2.8	1
33	A new correlation for the prediction of kinematic viscosities of biodiesel + higher alcohols blends at atmospheric pressure. *Fuel*, **2019**, 237, 1254-1261	7.1	11
32	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2018**, 63, 2438-2450	2.8	12
31	Comparison Among Pitzer Model and Solvation Models. Calculation of Osmotic and Activity Coefficients and Dilution Enthalpy for Single-Electrolyte Aqueous Solutions. *Industrial & Engineering Chemistry Research*, **2018**, 57, 10684-10700	3.9	5
30	Density, Viscosity, and Speed of Sound of Pure and Binary Mixtures of Ionic Liquids Based on Sulfonium and Imidazolium Cations and Bis(trifluoromethylsulfonyl)imide Anion with 1-Propanol. *Journal of Chemical & Engineering Data*, **2018**,	2.8	3
29	Densities and Viscosities for Binary Liquid Mixtures of n-Undecane + 1-Heptanol, 1-Octanol, 1-Nonanol, and 1-Decanol from 283.15 to 363.15 K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2017**, 62, 780-795	2.8	18
28	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2017**, 62, 2726-2739	2.8	5
27	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Butanol, + Isobutyl Alcohol, or + 2-Butanol from 293.15 to 333.15 K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2017**, 62, 3391-3400	2.8	17
26	Densities and Viscosities for Binary Liquid Mixtures of Butan-1-ol + Propane-1,2-diol, + Butane-1,2-diol and 2-Methylpropan-1-ol + Propane-1,2-diol, + Butane-1,2-diol from 298.15 to 333.15 K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2017**, 62, 4252-4265	2.8	2
25	Densities and Viscosities for Binary Liquid Mixtures of n-Undecane + 1-Propanol, + 1-Butanol, + 1-Pentanol, and + 1-Hexanol from 283.15 to 363.15 K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2016**, 61, 2682-2699	2.8	35
24	P T Data for 2-Butanol and tert-Butanol from 283.15 to 363.15 K and 303.15 to 363.15 K at Pressures up to 66 MPa. *Journal of Chemical & Engineering Data*, **2016**, 61, 1555-1565	2.8	5

23	Correlations for the prediction of the density and viscosity of 1-alcohols at high pressures. *Fluid Phase Equilibria*, **2015**, 404, 109-117	2.5	13
22	PTT Data for 1-Butanol and Isobutyl Alcohol from (283.15 to 363.15) K at Pressures up to 66 MPa. *Journal of Chemical & Engineering Data*, **2015**, 60, 1076-1090	2.8	14
21	Density and Viscosity of Binary Liquid Mixtures of Ethanol + 1-Hexanol and Ethanol + 1-Heptanol from (293.15 to 328.15) K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2015**, 60, 1945-1955	2.8	25
20	Density and Surface Tension of Binary Mixtures of 2,2,4-Trimethylpentane + n-Heptane, 2,2,4-Trimethylpentane + n-Octane, Ethyl Acetate + Benzene, and Butanenitrile + Benzene from (293.15 to 323.15) K. *Journal of Chemical & Engineering Data*, **2015**, 60, 1823-1834	2.8	23
19	Densities and Viscosities of Binary Mixtures of 2-Butanol + Isobutanol, 2-Butanol + tert-Butanol, and Isobutanol + tert-Butanol from (308.15 to 343.15) K. *Journal of Chemical & Engineering Data*, **2013**, 58, 2538-2544	2.8	25
18	A correlation to predict speed of sound in liquids: 1. n-Alkanes (C5) and their mixtures at high pressures. *Fluid Phase Equilibria*, **2013**, 338, 119-127	2.5	7
17	An extension of the McAllister model to correlate kinematic viscosity of electrolyte solutions. *Fluid Phase Equilibria*, **2013**, 358, 44-49	2.5	4
16	A new equation to correlate liquid kinematic viscosities of multicomponent mixtures. *Fluid Phase Equilibria*, **2012**, 329, 8-21	2.5	12
15	Densities and Viscosities for Binary Liquid Mixtures of Ethanol + 1-Propanol, 1-Butanol, and 1-Pentanol from (293.15 to 328.15) K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2012**, 57, 2560-2567	2.8	36
14	Experimental Liquid Densities of n-Pentane, n-Octane, and n-Nonane and Their Binary Mixtures from (273.15 to 363.15) K at 0.1 MPa. *Journal of Chemical & Engineering Data*, **2011**, 56, 4461-4465	2.8	14
13	Densities and Viscosities of Binary Mixtures of n-Butanol with 2-Butanol, Isobutanol, and tert-Butanol from (303.15 to 343.15) K. *Journal of Chemical & Engineering Data*, **2010**, 55, 2310-2315	2.8	80
12	General partial properties. *AICHE Journal*, **2009**, 55, 2945-2949	3.6	1
11	Supplementary Densities and Viscosities of Aqueous Solutions of Diethylene Glycol from (283.15 to 353.15) K. *Journal of Chemical & Engineering Data*, **2008**, 53, 1028-1031	2.8	32
10	Densities and Viscosities of MTBE + Nonane or Decane at p = 0.1 MPa from (273.15 to 363.15) K. *Journal of Chemical & Engineering Data*, **2008**, 53, 288-292	2.8	36
9	Densities and Viscosities of MTBE + Heptane or Octane at p = 0.1 MPa from (273.15 to 363.15) K. *Journal of Chemical & Engineering Data*, **2007**, 52, 1226-1232	2.8	51
8	Activity Coefficients of NaCl in H2O + MeOH + EtOH by Electromotive Force at 298.15 K. *Journal of Chemical & Engineering Data*, **2007**, 52, 959-964	2.8	9
7	Experimental measurements and prediction of liquid densities for n-alkane mixtures. *Journal of Chemical Thermodynamics*, **2006**, 38, 337-347	2.9	29
6	Density and viscosity of aqueous solutions of N,N-dimethylethanolamine at p=0.1 MPa from T=(293.15 to 363.15) K. *Journal of Chemical Thermodynamics*, **2005**, 37, 762-767	2.9	32

5	Viscosities for Aqueous Solutions of N-Methyldiethanolamine from 313.15 to 363.15 K. *Journal of Chemical & Engineering Data*, **2004**, 49, 864-866	2.8	28
4	Densities and Excess Molar Volumes of Aqueous Solutions ofn-Methyldiethanolamine (MDEA) at Temperatures from (283.15 to 363.15) K. *Journal of Chemical & Engineering Data*, **2003**, 48, 1442-1445	2.8	53
3	Osmotic and Activity Coefficients Using a Modified Pitzer Equation for Strong Electrolytes 1:1 and 1:2 at 298.15 K. *Industrial & Engineering Chemistry Research*, **2002**, 41, 1031-1037	3.9	39
2	Log-linear plots for data representation. *AICHE Journal*, **1996**, 42, 296-297	3.6	8
1	An improved correlation for thermophysical properties of binary liquid mixtures. *Chemical Engineering Communications*,1-17	2.2	