Gustavo A Iglesias-Silva

List of Publications by Year
in descending order

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41 papers	921 citations	430442 18 h-index	476904 29 g-index
41 all docs	41 docs citations	41 times ranked	652 citing authors

#	Article	IF	Citations
1	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.	1.0	105
2	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.	1.0	61
3	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.	1.0	59
4	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.	1.0	49
5	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.	1.0	46
6	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.	1.0	43
7	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.	1.8	41
8	Experimental measurements and prediction of liquid densities for n-alkane mixtures. Journal of Chemical Thermodynamics, 2006, 38, 337-347.	1.0	36
9	Supplementary Densities and Viscosities of Aqueous Solutions of Diethylene Glycol from (283.15 to) Tj ETQq1 1 0.784314 rgBT /Over	1.0	36
10	Density and viscosity of aqueous solutions of N,N-dimethylethanolamine at p=0.1 MPa from T=(293.15) Tj ETQq0 0 0 rgBT /Overlock 10	1.0	35
11	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.	1.0	35
12	Viscosities for Aqueous Solutions ofN-Methyldiethanolamine from 313.15 to 363.15 K. Journal of Chemical & Engineering Data, 2004, 49, 864-866.	1.0	34
13	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.	1.0	29
14	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.	1.0	29
15	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.	1.0	27
16	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.	1.0	25
17	Correlations for the prediction of the density and viscosity of 1-alcohols at high pressures. Fluid Phase Equilibria, 2015, 404, 109-117.	1.4	22
18	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.	1.0	21

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19	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.	1.0	20
20	Pâ€“Îâ€“T 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.	1.0	18
21	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.	1.0	17
22	A new equation to correlate liquid kinematic viscosities of multicomponent mixtures. Fluid Phase Equilibria, 2012, 329, 8-21.	1.4	16
23	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.	1.0	13
24	A new correlation for the prediction of kinematic viscosities of biodieselâ€¯+â€¯higher alcohols blends at atmospheric pressure. Fuel, 2019, 237, 1254-1261.	3.4	11
25	Activity Coefficients of NaCl in H2O + MeOH + EtOH by Electromotive Force at 298.15 K. Journal of Chemical & Engineering Data, 2007, 52, 959-964.	1.0	10
26	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.	1.8	10
27	Log-linear plots for data representation. AICHE Journal, 1996, 42, 296-297.	1.8	8
28	A correlation to predict speed of sound in liquids: 1. n-Alkanes (â‰¥C5) and their mixtures at high pressures. Fluid Phase Equilibria, 2013, 338, 119-127.	1.4	8
29	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.	1.0	8
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, 0, , .	1.0	8
31	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.	1.0	8
32	Pâ€“Îâ€“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.	1.0	6
33	Surface tensions of biodiesel blends with pentanol and octanol isomers at different conditions: measurement and new correlation. Fluid Phase Equilibria, 2021, 540, 113046.	1.4	6
34	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.	1.0	5
35	An extension of the McAllister model to correlate kinematic viscosity of electrolyte solutions. Fluid Phase Equilibria, 2013, 358, 44-49.	1.4	4
36	A correlation for the viscosity of binary mixtures of ionic liquids with organic solvents and water. Fluid Phase Equilibria, 2020, 514, 112543.	1.4	3

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37	Densities, Viscosities and Derived Properties of n-Pentane or n-Hexane with n-Undecane and n-Dodecane from 288.15ÂK to 343.15ÂK. International Journal of Thermophysics, 2022, 43, 1.	1.0	3
38	Thermophysical and excess properties of dieselÂ+Âbiodiesel with octanol isomers at different temperatures. Journal of Molecular Liquids, 2022, 363, 119779.	2.3	3
39	Pâ€“Îâ€“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.	1.0	2
40	General partial properties. AICHE Journal, 2009, 55, 2945-2949.	1.8	1
41	An improved correlation for thermophysical properties of binary liquid mixtures. Chemical Engineering Communications, 0, , 1-17.	1.5	0