

Gustavo A Iglesias-Silva

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1081616/gustavo-a-iglesias-silva-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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 and Viscosities of Binary Mixtures of n-Butanol with 2-Butanol, Isobutanol, and tert-Butanol from (303.15 to 343.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2310-2315	2.8	80
39	Densities and Excess Molar Volumes of Aqueous Solutions of n-Methyldiethanolamine (MDEA) at Temperatures from (283.15 to 363.15) K. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 1442-1445	2.8	53
38	Densities and Viscosities of MTBE + Heptane or Octane at p = 0.1 MPa from (273.15 to 363.15) K. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1226-1232	2.8	51
37	Osmotic and Activity Coefficients Using a Modified Pitzer Equation for Strong Electrolytes 1:1 and 1:2 at 298.15 K. <i>Industrial & Engineering Chemistry Research</i> , 2002 , 41, 1031-1037	3.9	39
36	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. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 2560-2567	2.8	36
35	Densities and Viscosities of MTBE + Nonane or Decane at p = 0.1 MPa from (273.15 to 363.15) K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 288-292	2.8	36
34	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. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2682-2699	2.8	35
33	Supplementary Densities and Viscosities of Aqueous Solutions of Diethylene Glycol from (283.15 to 353.15) K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1028-1031	2.8	32
32	Density and viscosity of aqueous solutions of N,N-dimethylethanolamine at p=0.1 MPa from T=(293.15 to 363.15) K. <i>Journal of Chemical Thermodynamics</i> , 2005 , 37, 762-767	2.9	32
31	Experimental measurements and prediction of liquid densities for n-alkane mixtures. <i>Journal of Chemical Thermodynamics</i> , 2006 , 38, 337-347	2.9	29
30	Viscosities for Aqueous Solutions of N-Methyldiethanolamine from 313.15 to 363.15 K. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 864-866	2.8	28
29	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. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 2538-2544	2.8	25
28	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. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1945-1955	2.8	25
27	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. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1823-1834	2.8	23
26	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. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 780-795	2.8	18
25	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. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 3391-3400	2.8	17
24	PVT Data for 1-Butanol and Isobutyl Alcohol from (283.15 to 363.15) K at Pressures up to 66 MPa. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1076-1090	2.8	14

23	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. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4461-4465	2.8	14
22	Correlations for the prediction of the density and viscosity of 1-alcohols at high pressures. <i>Fluid Phase Equilibria</i> , 2015 , 404, 109-117	2.5	13
21	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. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 2438-2450	2.8	12
20	A new equation to correlate liquid kinematic viscosities of multicomponent mixtures. <i>Fluid Phase Equilibria</i> , 2012 , 329, 8-21	2.5	12
19	A new correlation for the prediction of kinematic viscosities of biodiesel + higher alcohols blends at atmospheric pressure. <i>Fuel</i> , 2019 , 237, 1254-1261	7.1	11
18	Activity Coefficients of NaCl in H ₂ O + MeOH + EtOH by Electromotive Force at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 959-964	2.8	9
17	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1922-1936	2.8	8
16	Log-linear plots for data representation. <i>AIChE Journal</i> , 1996 , 42, 296-297	3.6	8
15	Physical Properties of Biodiesel Blended with Hexanol Isomers at Different Temperatures: Surface Tension, Density, Viscosity, and Refractive Index. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 3706-3727	2.8	7
14	A correlation to predict speed of sound in liquids: 1. n-Alkanes (C ₁₅) and their mixtures at high pressures. <i>Fluid Phase Equilibria</i> , 2013 , 338, 119-127	2.5	7
13	Densities and Viscosities for Aqueous Solutions of Sodium Chlorate and Potassium Chlorate + Methanol from (288.15 to 318.15) K at 0.1 MPa. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1999-2010	2.8	6
12	Densities and Viscosities of Corn Oil + n-Alkanes Blends from (288.15 to 343.15) K at 0.1 MPa. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 2726-2739	2.8	5
11	Comparison Among Pitzer Model and Solvation Models. Calculation of Osmotic and Activity Coefficients and Dilution Enthalpy for Single-Electrolyte Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 10684-10700	3.9	5
10	P [∞] 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. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1555-1565	2.8	5
9	An extension of the McAllister model to correlate kinematic viscosity of electrolyte solutions. <i>Fluid Phase Equilibria</i> , 2013 , 358, 44-49	2.5	4
8	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. <i>Journal of Chemical & Engineering Data</i> , 2018 ,	2.8	3
7	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. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 4252-4265	2.8	2
6	A correlation for the viscosity of binary mixtures of ionic liquids with organic solvents and water. <i>Fluid Phase Equilibria</i> , 2020 , 514, 112543	2.5	1

5	General partial properties. <i>AIChE Journal</i> , 2009 , 55, 2945-2949	3.6	1
4	Surface tensions of biodiesel blends with pentanol and octanol isomers at different conditions: measurement and new correlation. <i>Fluid Phase Equilibria</i> , 2021 , 540, 113046	2.5	1
3	P ^{VT} 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. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 6020-6030	2.8	1
2	Densities, Viscosities and Derived Properties of n-Pentane or n-Hexane with n-Undecane and n-Dodecane from 288.15K to 343.15K. <i>International Journal of Thermophysics</i> , 2022 , 43, 1	2.1	0
1	An improved correlation for thermophysical properties of binary liquid mixtures. <i>Chemical Engineering Communications</i> , 1-17	2.2	