

Teresa Regueira Muñiz

List of Publications by Year in descending order

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27
papers

917
citations

567281

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552781

26
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27
all docs

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docs citations

27
times ranked

1028
citing authors

#	ARTICLE	IF	CITATIONS
1	Density Modeling of High-Pressure Mixtures using Cubic and Non-Cubic EoS and an Excess Volume Method. <i>Fluid Phase Equilibria</i> , 2021, 532, 112884.	2.5	7
2	High-pressure phase equilibrium and volumetric properties of pseudo-binary mixtures of stock tank oil+ methane up to 463K. <i>Fluid Phase Equilibria</i> , 2021, 541, 113054.	2.5	2
3	Density, compressibility and phase equilibrium of high pressure-high temperature reservoir fluids up to 473 K and 140 MPa. <i>Journal of Supercritical Fluids</i> , 2020, 159, 104781.	3.2	7
4	Experimental Study of the Phase Behavior of Hydrocarbon Fluids in Porous Media at Atmospheric and Elevated Pressures. , 2019, , .		3
5	Density and Compressibility of Multicomponent n-Alkane Mixtures up to 463 K and 140 MPa. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 1072-1080.	1.9	7
6	High Pressure Rheological Behavior of 1-Ethyl-3-methylimidazolium Hexylsulfate and Trihexyl(tetradecyl)phosphonium Tris(pentafluoroethyl)trifluorophosphate. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 2927-2936.	1.9	6
7	Heat capacity and Joule-Thomson coefficient of selected n -alkanes at 0.1 and 10 MPa in broad temperature ranges. <i>Journal of Chemical Thermodynamics</i> , 2017, 111, 250-264.	2.0	21
8	High pressure phase equilibrium of ternary and multicomponent alkane mixtures in the temperature range from (283 to 473) K. <i>Fluid Phase Equilibria</i> , 2017, 449, 186-196.	2.5	6
9	Density and phase equilibrium of the binary system methane+ n-decane under high temperatures and pressures. <i>Fluid Phase Equilibria</i> , 2016, 428, 48-61.	2.5	24
10	Irreversible Change of the Pore Structure of ZIF-8 in Carbon Dioxide Capture with Water Coexistence. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13287-13294.	3.1	41
11	Volumetric behaviour of six ionic liquids from T = (278 to 398) K and up to 120 MPa. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 24-33.	2.0	25
12	Pressure dependence of the solubility of light fullerenes in 1-hexanol from 298.15K to 363.15K. <i>Journal of Molecular Liquids</i> , 2015, 209, 71-76.	4.9	3
13	Densities of the Binary Systems n-Hexane + n-Decane and n-Hexane + n-Hexadecane Up to 60 MPa and 463 K. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 3631-3645.	1.9	33
14	On the viscosity of two 1-butyl-1-methylpyrrolidinium ionic liquids: Effect of the temperature and pressure. <i>Journal of Chemical Thermodynamics</i> , 2015, 87, 43-51.	2.0	20
15	Density and isothermal compressibility for two trialkylimidazolium-based ionic liquids at temperatures from (278 to 398) K and up to 120 MPa. <i>Journal of Chemical Thermodynamics</i> , 2015, 81, 124-130.	2.0	22
16	Ionic liquids as hydraulic fluids: comparison of several properties with those of conventional oils. <i>Lubrication Science</i> , 2014, 26, 488-499.	2.1	24
17	Phase equilibrium of two CO ₂ + biodegradable oil systems up to 72MPa. <i>Journal of Supercritical Fluids</i> , 2014, 91, 90-97.	3.2	7
18	High pressure density and solubility for the CO ₂ +1-ethyl-3-methylimidazolium ethylsulfate system. <i>Journal of Supercritical Fluids</i> , 2014, 88, 46-55.	3.2	23

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19	Density and viscosity of three (2,2,2-trifluoroethanol + 1-butyl-3-methylimidazolium) ionic liquid binary systems. <i>Journal of Chemical Thermodynamics</i> , 2014, 70, 101-110.	2.0	102
20	Compressibilities and Viscosities of Reference, Vegetable, and Synthetic Gear Lubricants. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4499-4510.	3.7	7
21	Influence of the pressure, temperature, cation and anion on the volumetric properties of ionic liquids: New experimental values for two salts. <i>Journal of Chemical Thermodynamics</i> , 2013, 58, 440-448.	2.0	37
22	Experimental measurements and modeling of CO ₂ solubility in sunflower, castor and rapeseed oils. <i>Journal of Supercritical Fluids</i> , 2013, 82, 191-199.	3.2	7
23	Carbon dioxide solubility in reference and vegetable lubricants developed for two stroke engines. <i>Journal of Supercritical Fluids</i> , 2012, 68, 123-130.	3.2	11
24	High pressure volumetric properties of 1-ethyl-3-methylimidazolium ethylsulfate and 1-(2-methoxyethyl)-1-methyl-pyrrolidinium bis(trifluoromethylsulfonyl)imide. <i>Journal of Chemical Thermodynamics</i> , 2012, 48, 213-220.	2.0	47
25	Compressibilities and viscosities of reference and vegetable oils for their use as hydraulic fluids and lubricants. <i>Green Chemistry</i> , 2011, 13, 1293.	9.0	52
26	Influence of Molecular Structure on Densities and Viscosities of Several Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 4984-4999.	1.9	157
27	Effect of Water on the Viscosities and Densities of 1-Butyl-3-methylimidazolium Dicyanamide and 1-Butyl-3-methylimidazolium Tricyanomethane at Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 645-652.	1.9	216