

JosÃ© Juan Segovia

List of Publications by Year in descending order

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119
papers

2,394
citations

279798

23
h-index

265206

42
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120
all docs

120
docs citations

120
times ranked

1753
citing authors

#	ARTICLE	IF	CITATIONS
1	A technical, economical and market review of organic Rankine cycles for the conversion of low-grade heat for power generation. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 4175-4189.	16.4	435
2	World geothermal power production status: Energy, environmental and economic study of high enthalpy technologies. <i>Energy</i> , 2012, 42, 10-18.	8.8	142
3	Automated densimetric system: Measurements and uncertainties for compressed fluids. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 632-638.	2.0	115
4	Low temperature heat source for power generation: Exhaustive analysis of a carbon dioxide transcritical power cycle. <i>Energy</i> , 2011, 36, 5497-5507.	8.8	67
5	Excess thermodynamic functions for ternary systems containing fuel oxygenates and substitution hydrocarbons. 1. Total-pressure data and GE for methyl tert-butyl ether–benzene–cyclohexane at 313.15 K. <i>Fluid Phase Equilibria</i> , 1997, 133, 163-172.	2.5	56
6	The Boltzmann project. <i>Metrologia</i> , 2018, 55, R1-R20.	1.2	49
7	Measurement and prediction of high-pressure viscosities of biodiesel fuels. <i>Fuel</i> , 2014, 122, 223-228.	6.4	44
8	Excess thermodynamic functions for ternary systems containing fuel oxygenates and substitution hydrocarbons. <i>Fluid Phase Equilibria</i> , 1998, 152, 265-276.	2.5	40
9	Characterization and modelling of a gasoline containing 1,1-dimethylethyl methyl ether (MTBE), diisopropyl ether (DIPE) or 1,1-dimethylpropyl methyl ether (TAME) as fuel oxygenate based on new isothermal binary vapour–liquid data. <i>Fluid Phase Equilibria</i> , 2004, 220, 105-112.	2.5	40
10	Vapor–Liquid Equilibrium of Ternary Mixtures Containing Methyltert-Butyl Ether and/or Substitution Hydrocarbons. Methyltert-Butyl Ether + Heptane + Cyclohexane and Methyltert-Butyl Ether + Cyclohexane + 1-Hexene at 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 1021-1026.	1.9	37
11	Low-grade coal and biomass co-combustion on fluidized bed: exergy analysis. <i>Energy</i> , 2006, 31, 330-344.	8.8	37
12	Thermodynamic characterization of the mixture (1-butanol+iso-octane): Densities, viscosities, and isobaric heat capacities at high pressures. <i>Journal of Chemical Thermodynamics</i> , 2012, 44, 75-83.	2.0	37
13	Phase equilibrium properties of binary and ternary systems containing tert-amylmethyl ether (TAME) as oxygenate additive and gasoline substitution hydrocarbons at 313.15 K. <i>Fluid Phase Equilibria</i> , 1999, 156, 73-87.	2.5	36
14	Viscosity and density measurements of aqueous amines at high pressures: MDEA-water and MEA-water mixtures for CO ₂ capture. <i>Journal of Chemical Thermodynamics</i> , 2016, 98, 231-241.	2.0	35
15	Measurement of the (pressure, density, temperature) relation of two (methane+nitrogen) gas mixtures at temperatures between 240 and 400K and pressures up to 20MPa using an accurate single-sinker densimeter. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 916-922.	2.0	34
16	Thermodynamic characterization of deep eutectic solvents at high pressures. <i>Fluid Phase Equilibria</i> , 2019, 500, 112249.	2.5	34
17	High-pressure isobaric heat capacities using a new flow calorimeter. <i>Journal of Supercritical Fluids</i> , 2008, 46, 258-264.	3.2	32
18	Comparative study of working fluids for a Rankine cycle operating at low temperature. <i>Fuel Processing Technology</i> , 2012, 103, 71-77.	7.2	32

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19	Thermodynamic properties and equation of state of liquid di-isodecyl phthalate at temperature between (273 and 423) K and at pressures up to 140 MPa. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 631-639.	2.0	30
20	Thermodynamics of Octane-Enhancing Additives in Gasolines: Vapor-Liquid Equilibrium of the Ternary Mixtures Methyltert-Butyl Ether + Heptane + Benzene and Methyltert-Butyl Ether + Benzene + 1-Hexene at 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 1014-1020.	1.9	29
21	Contributing to accurate high pressure viscosity measurements: Vibrating wire viscometer and falling body viscometer techniques. <i>Journal of Chemical Thermodynamics</i> , 2016, 96, 104-116.	2.0	28
22	Speeds of sound in $\{(1-x)\text{CH}_4+x\text{N}_2\}$ with $x=(0.10001, 0.19999, \text{ and } 0.5422)$ at temperatures between 170K and 400K and pressures up to 30MPa. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 929-937.	2.0	26
23	Excess thermodynamic properties of binary and ternary mixtures containing methyl 1,1-dimethylethyl ether (MTBE), n-heptane, and methanol at $T=313.15$ K. <i>Journal of Chemical Thermodynamics</i> , 1999, 31, 1231-1246.	2.0	25
24	Isothermal v.l.e. and excess molar Gibbs energy of binary and ternary mixtures containing diisopropyl ether, n-heptane and isopropanol at $T=313.15$ K. <i>Journal of Chemical Thermodynamics</i> , 2002, 34, 13-28.	2.0	23
25	Influence of water concentration in the viscosities and densities of cellulose dissolving ionic liquids. Correlation of viscosity data. <i>Journal of Chemical Thermodynamics</i> , 2015, 91, 8-16.	2.0	22
26	Enhancement of hydrogen release kinetics from ethane 1,2 diamineborane (EDAB) by micronization using Supercritical Antisolvent (SAS) precipitation. <i>Chemical Engineering Journal</i> , 2016, 306, 164-173.	12.7	22
27	Improvement of the kinetics of hydrogen release from ammonia borane confined in silica aerogel. <i>Microporous and Mesoporous Materials</i> , 2017, 237, 189-200.	4.4	22
28	Improvement of the measurement uncertainty of a high accuracy single sinker densimeter via setup modifications based on a state point uncertainty analysis. <i>Measurement: Journal of the International Measurement Confederation</i> , 2011, 44, 1768-1780.	5.0	21
29	Heat capacities and densities of the binary mixtures containing ethanol, cyclohexane or 1-hexene at high pressures. <i>Journal of Chemical Thermodynamics</i> , 2013, 57, 550-557.	2.0	21
30	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
31	Volumetric behaviour of (carbon dioxide + hydrocarbon) mixtures at high pressures. <i>Journal of Supercritical Fluids</i> , 2016, 110, 103-109.	3.2	20
32	Density and viscosity measurements of aqueous amines at high pressures: DEA-water, DMAE-water and TEA-water mixtures. <i>Journal of Chemical Thermodynamics</i> , 2017, 112, 227-239.	2.0	20
33	Experimental investigation of the vapor-liquid equilibrium at 313.15 K of the ternary system tert-amylmethyl ether (TAME)+n-heptane+methanol. <i>Fluid Phase Equilibria</i> , 1999, 165, 197-208.	2.5	19
34	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. <i>Fluid Phase Equilibria</i> , 2001, 182, 241-255.	2.5	19
35	Excess Enthalpies of Binary and Ternary Mixtures Containing Dibutyl Ether, Cyclohexane, and 1-Butanol at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 1672-1679.	1.9	19
36	Density, Viscosity, and Isobaric Heat Capacity of the Mixture (1-Butanol + 1-Hexene). <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2717-2723.	1.9	19

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37	Thermodynamics of Octane-Enhancing Additives in Gasolines: Vapor-Liquid Equilibrium of Binary and Ternary Mixtures Containing Di-isopropyl Ether or Heptane and 1-Hexene + Cyclohexane at 313.15 K. Journal of Chemical & Engineering Data, 2001, 46, 1574-1579.	1.9	18
38	Thermodynamic characterization of second generation biofuels: Vapour-liquid equilibria and excess enthalpies of the binary mixtures 1-pentanol and cyclohexane or toluene. Fluid Phase Equilibria, 2012, 317, 127-131.	2.5	18
39	Updated determination of the molar gas constant R by acoustic measurements in argon at UVa-CEM. Metrologia, 2017, 54, 663-673.	1.2	18
40	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2004, 217, 157-164.	2.5	17
41	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2001, 182, 229-239.	2.5	16
42	Uncertainty calculation of the effective emissivity of cylinder-conical blackbody cavities. Metrologia, 2016, 53, 61-75.	1.2	16
43	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2003, 212, 81-95.	2.5	15
44	An Apparatus Based on a Spherical Resonator for Measuring the Speed of Sound in Gases and for Determining the Boltzmann Constant. International Journal of Thermophysics, 2010, 31, 1294-1309.	2.1	15
45	Ether+alcohol+hydrocarbon mixtures in fuels and bio-fuels: Excess enthalpies of binary mixtures containing dibutyl ether (DBE) or 1-butanol and 1-hexene or methylcyclohexane or toluene or cyclohexane or 2,2,4-trimethylpentane at 298.15K and 313.15K. Fluid Phase Equilibria, 2012, 315, 1-8.	2.5	15
46	Densities, viscosities, and isobaric heat capacities of the system (1-butanol+cyclohexane) at high pressures. Journal of Chemical Thermodynamics, 2014, 74, 153-160.	2.0	15
47	Thermodynamics of biofuels: Excess enthalpies for binary mixtures involving ethyl 1,1-dimethylethyl ether and hydrocarbons at different temperatures using a new flow calorimeter. Journal of Chemical Thermodynamics, 2009, 41, 759-763.	2.0	14
48	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2001, 191, 71-82.	2.5	13
49	Thermodynamics of Fuels with a Biosynthetic Component: Vapor-Liquid Equilibrium Data for Binary and Ternary Mixtures Containing Ethyl 1,1-Dimethylethyl Ether, n-Heptane, and Toluene at T= 313.15 K. Journal of Chemical & Engineering Data, 2006, 51, 2091-2095.	1.9	13
50	Thermodynamic properties of biofuels: Heat capacities of binary mixtures containing ethanol and hydrocarbons up to 20 MPa and the pure compounds using a new flow calorimeter. Journal of Chemical Thermodynamics, 2011, 43, 1893-1896.	2.0	13
51	Vapour-liquid equilibria and excess enthalpies of the binary mixtures 1-pentanol with 2,2,4-trimethylpentane or n-heptane. Fluid Phase Equilibria, 2013, 338, 95-99.	2.5	13
52	Determination of Density and Viscosity of Binary Mixtures of Water and Dimethyl Sulfoxide with 1-Ethyl-3-methylimidazolium Diethylphosphate [EtMelm] ⁺ [Et ₂ PO ₄] ⁻ at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2018, 63, 1053-1064.	1.9	13
53	Thermodynamics of Octane-Enhancing Additives in Gasolines: Vapor-Liquid Equilibrium of Ternary Mixtures Containing Di-isopropyl Ether or Cyclohexane and 1-Hexene + Benzene at 313.15 K. Journal of Chemical & Engineering Data, 2002, 47, 316-321.	1.9	12
54	Vapor-Liquid Equilibrium of Binary and Ternary Mixtures Containing Isopropyl Ether, 2-Butanol, and Benzene at T= 313.15 K. Journal of Chemical & Engineering Data, 2006, 51, 148-152.	1.9	12

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55	Experimental investigation of the vapour-liquid equilibrium of binary and ternary mixtures containing dibutyl ether (DBE), cyclohexane and toluene at 313.15K. <i>Fluid Phase Equilibria</i> , 2006, 245, 57-62.	2.5	12
56	Excess enthalpies of binary and ternary mixtures containing dibutyl ether (DBE), 1-butanol, and heptane at T=298.15K and 313.15K. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 28-37.	2.0	12
57	Excess enthalpies of oxygenated compounds+hydrocarbon mixtures: Binary and ternary mixtures containing dibutyl ether (DBE), 1-butanol and 2,2,4-trimethylpentane at 298.15K. <i>Fluid Phase Equilibria</i> , 2010, 290, 15-20.	2.5	12
58	High pressure densities of carbon dioxide + dipentaerythritol hexaheptanoate: New experimental setup and volumetric behavior. <i>Journal of Supercritical Fluids</i> , 2011, 58, 189-197.	3.2	12
59	Dynamic and kinematic viscosities, excess volumes and excess Gibbs energies of activation for viscous flow in the ternary mixture {1-propanol+ N,N-dimethylformamide + chloroform} at temperatures between 293.15 K and 323.15 K. <i>Thermochimica Acta</i> , 2014, 589, 90-99.	2.7	12
60	Progress towards an acoustic determination of the Boltzmann constant at CEM-UVa. <i>Metrologia</i> , 2015, 52, S257-S262.	1.2	12
61	Viscosities of binary mixtures containing 1-butanol + 2,2,4-trimethylpentane or + 1,2,4-trimethylbenzene at high pressures for the thermophysical characterization of biofuels. <i>Journal of Chemical Thermodynamics</i> , 2016, 102, 140-146.	2.0	12
62	Determination of density, viscosity and vapor pressures of mixtures of dimethyl sulfoxide+1-allyl-3-methylimidazolium chloride at atmospheric pressure. <i>Journal of Chemical Thermodynamics</i> , 2018, 123, 185-194.	2.0	12
63	Excess enthalpies of ether+alcohol+hydrocarbon mixtures: Binary and ternary mixtures containing dibutyl ether (DBE), 1-butanol and benzene at 298.15K and 313.15K. <i>Fluid Phase Equilibria</i> , 2009, 284, 106-113.	2.5	11
64	An experimental setup for isobaric heat capacities for viscous fluids at high pressure: Squalane, bis(2-ethylhexyl) sebacate and bis(2-ethylhexyl) phthalate. <i>Journal of Chemical Thermodynamics</i> , 2012, 49, 75-80.	2.0	11
65	Speeds of sound in (0.95 N ₂ +0.05 CO and 0.9 N ₂ +0.1 CO) gas mixtures at T=(273 and 325)K and pressure up to 10MPa. <i>Journal of Chemical Thermodynamics</i> , 2014, 79, 224-229.	2.0	11
66	Speeds of sound for a biogas mixture CH ₄ + N ₂ + CO ₂ + CO from p = (1-12) MPa at T = (273, 300 and 325) K measured with a spherical resonator. <i>Journal of Chemical Thermodynamics</i> , 2016, 102, 348-356.	2.0	11
67	Isobaric heat capacity at high pressure, density, and viscosity of (diphenyl ether + biphenyl) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 86-94.	2.0	11
68	Thermophysical properties of 1,2,4-trimethylbenzene in admixtures with 1-butanol or 2-butanol at high pressures. <i>Journal of Chemical Thermodynamics</i> , 2017, 111, 41-51.	2.0	11
69	Phase equilibrium properties of binary and ternary systems containing di-isopropyl ether+1-butanol+benzene at 313.15K. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 547-553.	2.0	10
70	Thermodynamics of Fuels with a Biosynthetic Component. II. Vapor-Liquid Equilibrium Data for Binary and Ternary Mixtures Containing Ethyl 1,1-Dimethylethyl Ether, 1-Hexene, and Cyclohexane at T = 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 247-251.	1.9	10
71	Thermodynamics of fuels with a bio-synthetic component (IV): (Vapor+liquid) equilibrium data for the ternary mixture (ethyl 1,1-dimethylethyl ether+1-hexene+toluene) at T=313.15K. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 189-192.	2.0	10
72	Experimental determination of (p , ρ , T) data for binary mixtures of methane and helium. <i>Journal of Chemical Thermodynamics</i> , 2016, 96, 1-11.	2.0	10

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73	Density and viscosity of aqueous solutions of Methyldiethanolamine (MDEA)+Diethanolamine (DEA) at high pressures. <i>Journal of Chemical Thermodynamics</i> , 2020, 148, 106141.	2.0	10
74	Total pressure and excess Gibbs energy for the ternary mixture di-isopropyl ether+1-propanol+benzene and its corresponding binary systems at 313.15K. <i>Fluid Phase Equilibria</i> , 2006, 239, 183-187.	2.5	9
75	Thermodynamics of fuels with a biosynthetic component (III): Vapor-liquid equilibrium data for the ternary mixture ethyl 1,1-dimethylethyl ether, n-heptane and 1-hexene at T= 313.15 K. <i>Fluid Phase Equilibria</i> , 2008, 265, 12-16.	2.5	9
76	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. <i>Fluid Phase Equilibria</i> , 2002, 193, 289-301.	2.5	8
77	Phase equilibria properties of binary and ternary systems containing di-isopropyl ether+isobutanol+benzene at 313.15K. <i>Fluid Phase Equilibria</i> , 2006, 239, 178-182.	2.5	8
78	Thermodynamic characterization of bio-fuels: Excess functions for binary mixtures containing ETBE and hydrocarbons. <i>Energy</i> , 2010, 35, 759-763.	8.8	8
79	Speed of sound for three binary (CH ₄ +H ₂) mixtures from p= (0.5 up to 20) MPa at T= (273.16 to 375) K. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 4765-4783.	7.1	8
80	Thermodynamic Properties of Binary and Ternary Mixtures Containing Di-isopropyl Ether, 2-Propanol, and Benzene at $T = 313.15$ K. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 2741-2745.	1.9	7
81	Thermodynamic behaviour of second generation biofuels: Vapour-liquid equilibria and excess enthalpies of the binary mixtures 2-pentanol and n-heptane or 2,2,4-trimethylpentane. <i>Fluid Phase Equilibria</i> , 2014, 384, 89-94.	2.5	7
82	Thermodynamics properties, VLE and H E , of the systems 2-pentanol and cyclohexane or methylbenzene for contributing to the knowledge of new biofuels. <i>Fluid Phase Equilibria</i> , 2016, 409, 92-97.	2.5	7
83	Heat capacities and acoustic virial coefficients for a synthetic coal mine methane mixture by speed of sound measurements at T = (273.16 and 250.00) K. <i>Journal of Chemical Thermodynamics</i> , 2016, 97, 137-141.	2.0	6
84	Measurement and Analysis of the Temperature Gradient of Blackbody Cavities, for Use in Radiation Thermometry. <i>International Journal of Thermophysics</i> , 2018, 39, 1.	2.1	6
85	Solubility of CO ₂ in three cellulose-dissolving ionic liquids. <i>AIChE Journal</i> , 2020, 66, e16228.	3.6	6
86	Phase Equilibrium Properties of Binary and Ternary Mixtures Containing Dibutyl Ether, Cyclohexane, and Heptane or 1-Hexene at T = 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 1486-1491.	1.9	5
87	Excess enthalpies of ternary mixtures of oxygenated additives+hydrocarbon mixtures in fuels and bio-fuels: Dibutyl ether (DBE) and 1-butanol and 1-hexene or cyclohexane or 2,2,4 trimethylpentane at 298.15K and 313.15K. <i>Journal of Chemical Thermodynamics</i> , 2013, 56, 6-11.	2.0	5
88	The IMERAPlus joint research project for determinations of the Boltzmann constant. , 2013, , .		5
89	Characterizing second generation biofuels: Excess enthalpies and vapour-liquid equilibria of the binary mixtures containing 1-pentanol or 2-pentanol and n-hexane. <i>Fluid Phase Equilibria</i> , 2016, 425, 177-182.	2.5	5
90	High Pressure Volumetric Properties of the Binary Mixtures Di-isopropyl Ether + 2,2,4-Trimethylpentane. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3610-3619.	1.9	5

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91	High pressure liquid densities and excess volumes of the (di-isopropyl ether + 1-hexanol) system. Journal of Chemical Thermodynamics, 2017, 113, 213-218.	2.0	5
92	Vapor-liquid equilibria and excess enthalpies of the binary systems 1-pentanol or 2-pentanol and 1-hexene or 1,2,4-trimethylbenzene for the development of biofuels. Fluid Phase Equilibria, 2018, 460, 85-94.	2.5	5
93	Speeds of sound for (CH ₄ +He) mixtures from p=(0.5 to 20) MPa at T=(273.16 to 375) K. Journal of Chemical Thermodynamics, 2019, 139, 105869.	2.0	5
94	A novel technique based in a cylindrical microwave resonator for high pressure phase equilibrium determination. Journal of Chemical Thermodynamics, 2019, 135, 124-132.	2.0	5
95	Determination of the force transmission error in a single-sinker magnetic suspension densimeter due to the fluid-specific effect and its correction for use with gas mixtures containing oxygen. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107176.	5.0	5
96	Viscosities and densities of different alcohols (1-propanol, 2-propanol, 1-pentanol and 2-pentanol) at high pressures. Journal of Molecular Liquids, 2021, 344, 117744.	4.9	5
97	Excess enthalpies of binary and ternary mixtures containing tert-amyl methyl ether (TAME), tert-amyl alcohol (TAOH) and hexane at 298.15 and 313.15 K. Fluid Phase Equilibria, 2004, 217, 145-155.	2.5	4
98	Phase equilibrium properties of the ternary mixture dibutyl ether+toluene+heptane at 313.15K. Fluid Phase Equilibria, 2012, 317, 84-88.	2.5	4
99	Vapour-liquid equilibria of the ternary mixture (1-pentanol+2,2,4-trimethylpentane+heptane) and the binary mixture (2,2,4-trimethylpentane+heptane) at T=313.15K for the characterization of second generation biofuels. Fluid Phase Equilibria, 2015, 405, 101-106.	2.5	4
100	Isothermal vapor-liquid equilibrium and molar excess Gibbs energies of two ternary systems containing either 1-butanol or 2-butanol+1-hexene+methylbenzene at 313.15K. Fluid Phase Equilibria, 2015, 386, 1-6.	2.5	4
101	Viscosities of binary mixtures containing 2-butanol+hydrocarbons (2,2,4-trimethylpentane or Toluene). Journal of Chemical Thermodynamics, 2018, 125, 180-185.	2.0	4
102	Density and viscosity measurements of (piperazine+water) and (piperazine+2-dimethylaminoethanol+water) at high pressures. Journal of Chemical Thermodynamics, 2020, 141, 105960.	2.0	4
103	Energy and Economic Analysis of the Hydrothermal Reduction of CO ₂ into Formate. Industrial & Engineering Chemistry Research, 2021, 60, 14038-14050.	3.7	4
104	Speed of sound data and acoustic virial coefficients of two binary (N ₂ +H ₂) mixtures at temperatures between (260 and 350) K and at pressures between (0.5 and 20) MPa. Journal of Chemical Thermodynamics, 2022, 171, 106791.	2.0	4
105	Measurements and predictions of densities and viscosities in CO ₂ +hydrocarbon mixtures at high pressures and temperatures: CO ₂ +n-pentane and CO ₂ +n-hexane blends. Journal of Molecular Liquids, 2022, 360, 119518.	4.9	4
106	Phase Equilibrium Properties of Binary and Ternary Mixtures Containing 1,1-Dimethylethyl Methyl Ether, 1-Propanol, and Hexane at T = 313.15 K. Journal of Chemical & Engineering Data, 2006, 51, 2121-2125.	1.9	3
107	Vapour-liquid equilibrium of octane enhancing additives in gasolines 7: Total pressure data and gE for the ternary mixture tert-amyl methyl ether (TAME), methanol and hexane at 313.15K. Fluid Phase Equilibria, 2006, 245, 52-56.	2.5	3
108	Measurement and Modeling of High Pressure Vapor-Liquid Equilibrium for Methyl Acetate or Ethyl Acetate with 2-Butanol. Isobaric Data at 1.5 MPa. Journal of Chemical & Engineering Data, 2016, 61, 1136-1145.	1.9	3

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109	Determination of density and excess molar volume of dimethyl sulfoxide + 1-allyl-3-methylimidazolium chloride mixtures at high pressure. <i>Journal of Supercritical Fluids</i> , 2017, 130, 76-83.	3.2	3
110	Effect of scCO ₂ on the kinetics of acetylation of cellulose using 1-allyl-3-methylimidazolium chloride as solvent. Experimental study and modeling. <i>Journal of Supercritical Fluids</i> , 2018, 141, 97-103.	3.2	3
111	Characterization of an Ecuadorian crude using a vibrating-tube densimeter and a vibrating-wire viscometer. <i>Petroleum Science and Technology</i> , 2018, 36, 2077-2083.	1.5	3
112	Density and Melting Points for the Binary Mixtures Dimethyl Sulfoxide (DMSO) + 1-Ethyl-3-methylimidazolium Acetate and DMSO + Choline Acetate. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 2923-2928.	1.9	2
113	Speed of sound and phase equilibria for (CO ₂ +C ₃ H ₈) mixtures. <i>Journal of Chemical Thermodynamics</i> , 2021, 158, 106464.	2.0	2
114	DESARROLLO DE UN VISCOSÍMETRO DE CAIDA DE CUERPO PARA CARACTERIZAR BIOCOMBUSTIBLES A ALTA PRESION. <i>Dyna (Spain)</i> , 2012, 87, 438-445.	0.2	2
115	Speed of sound data, derived perfect-gas heat capacities, and acoustic virial coefficients of a calibration standard natural gas mixture and a low-calorific H ₂ -enriched mixture. <i>Journal of Chemical Thermodynamics</i> , 2021, 158, 106434.	2.0	1
116	Reply to "Comment on 'Excess Enthalpies of Binary and Ternary Mixtures Containing Dibutyl Ether, Cyclohexane, and 1-Butanol at 298.15 K'". <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3712-3712.	1.9	0
117	A Spanish Inter-laboratory Comparison on the Characterization of Sterilization Autoclaves. <i>International Journal of Thermophysics</i> , 2014, 35, 1239-1250.	2.1	0
118	Vapor-liquid equilibria of the binary systems (cyclohexanone + 2-heptanone) and (cyclohexanone +) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.9	0
119	PREDICTION FOR TOTAL MOISTURE CONTENT IN WOOD PELLETS BY NEAR INFRARED SPECTROSCOPY (NIRS). <i>Dyna (Spain)</i> , 2021, 96, 296-301.	0.2	0