

JosÃ© Juan Segovia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1780094/publications.pdf>

Version: 2024-02-01

119
papers

2,394
citations

279798

23
h-index

265206

42
g-index

120
all docs

120
docs citations

120
times ranked

1753
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	PREDICTION FOR TOTAL MOISTURE CONTENT IN WOOD PELLETS BY NEAR INFRARED SPECTROSCOPY (NIRS). Dyna (Spain), 2021, 96, 296-301.	0.2	0
4	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. Journal of Chemical Thermodynamics, 2021, 158, 106434.	2.0	1
5	Speed of sound and phase equilibria for (CO ₂ +C ₃ H ₈) mixtures. Journal of Chemical Thermodynamics, 2021, 158, 106464.	2.0	2
6	Energy and Economic Analysis of the Hydrothermal Reduction of CO ₂ into Formate. Industrial & Engineering Chemistry Research, 2021, 60, 14038-14050.	3.7	4
7	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
8	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
9	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. International Journal of Hydrogen Energy, 2020, 45, 4765-4783.	7.1	8
10	Vapor-liquid equilibria of the binary systems (cyclohexanone + 2-heptanone) and (cyclohexanone + Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.9	0
11	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
12	Density and viscosity of aqueous solutions of Methyl-diethanolamine (MDEA)+Diethanolamine (DEA) at high pressures. Journal of Chemical Thermodynamics, 2020, 148, 106141.	2.0	10
13	Solubility of CO ₂ in three cellulose-dissolving ionic liquids. AIChE Journal, 2020, 66, e16228.	3.6	6
14	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
15	Thermodynamic characterization of deep eutectic solvents at high pressures. Fluid Phase Equilibria, 2019, 500, 112249.	2.5	34
16	Density and Melting Points for the Binary Mixtures Dimethyl Sulfoxide (DMSO) + 1-Ethyl-3-methylimidazolium Acetate and DMSO + Choline Acetate. Journal of Chemical & Engineering Data, 2019, 64, 2923-2928.	1.9	2
17	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
18	The Boltzmann project. Metrologia, 2018, 55, R1-R20.	1.2	49

#	ARTICLE	IF	CITATIONS
19	Determination of Density and Viscosity of Binary Mixtures of Water and Dimethyl Sulfoxide with 1-Ethyl-3-methylimidazolium Diethylphosphate [EtMelm] ⁺ PO ₄ ⁻ at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2018, 63, 1053-1064.	1.9	13
20	Effect of scCO ₂ on the kinetics of acetylation of cellulose using 1-allyl-3-methylimidazolium chloride as solvent. Experimental study and modeling. Journal of Supercritical Fluids, 2018, 141, 97-103.	3.2	3
21	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
22	Measurement and Analysis of the Temperature Gradient of Blackbody Cavities, for Use in Radiation Thermometry. International Journal of Thermophysics, 2018, 39, 1.	2.1	6
23	Characterization of an Ecuadorian crude using a vibrating-tube densimeter and a vibrating-wire viscometer. Petroleum Science and Technology, 2018, 36, 2077-2083.	1.5	3
24	Determination of density, viscosity and vapor pressures of mixtures of dimethyl sulfoxide + 1-allyl-3-methylimidazolium chloride at atmospheric pressure. Journal of Chemical Thermodynamics, 2018, 123, 185-194.	2.0	12
25	Viscosities of binary mixtures containing 2-butanol + hydrocarbons (2,2,4-trimethylpentane or) Tj ETQq1 1 0.784314 rgBT /Overbo Journal of Chemical Thermodynamics, 2018, 125, 180-185.	2.0	4
26	Density and viscosity measurements of aqueous amines at high pressures: DEA-water, DMAE-water and TEA-water mixtures. Journal of Chemical Thermodynamics, 2017, 112, 227-239.	2.0	20
27	Thermophysical properties of 1,2,4-trimethylbenzene in admixtures with 1-butanol or 2-butanol at high pressures. Journal of Chemical Thermodynamics, 2017, 111, 41-51.	2.0	11
28	High Pressure Volumetric Properties of the Binary Mixtures Di-isopropyl Ether + 2,2,4-Trimethylpentane. Journal of Chemical & Engineering Data, 2017, 62, 3610-3619.	1.9	5
29	Determination of density and excess molar volume of dimethyl sulfoxide + 1-allyl-3-methylimidazolium chloride mixtures at high pressure. Journal of Supercritical Fluids, 2017, 130, 76-83.	3.2	3
30	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
31	Updated determination of the molar gas constant <i>R</i> by acoustic measurements in argon at UVa-CEM. Metrologia, 2017, 54, 663-673.	1.2	18
32	Improvement of the kinetics of hydrogen release from ammonia borane confined in silica aerogel. Microporous and Mesoporous Materials, 2017, 237, 189-200.	4.4	22
33	Contributing to accurate high pressure viscosity measurements: Vibrating wire viscometer and falling body viscometer techniques. Journal of Chemical Thermodynamics, 2016, 96, 104-116.	2.0	28
34	Viscosity and density measurements of aqueous amines at high pressures: MDEA-water and MEA-water mixtures for CO ₂ capture. Journal of Chemical Thermodynamics, 2016, 98, 231-241.	2.0	35
35	Enhancement of hydrogen release kinetics from ethane 1,2 diamineborane (EDAB) by micronization using Supercritical Antisolvent (SAS) precipitation. Chemical Engineering Journal, 2016, 306, 164-173.	12.7	22
36	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. Journal of Chemical Thermodynamics, 2016, 102, 140-146.	2.0	12

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Uncertainty calculation of the effective emissivity of cylinder-conical blackbody cavities. <i>Metrologia</i> , 2016, 53, 61-75.	1.2	16
40	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
41	Measurement and Modeling of High Pressure Vapor–Liquid Equilibrium for Methyl Acetate or Ethyl Acetate with 2-Butanol. Isobaric Data at 1.5 MPa. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 1136-1145.	1.9	3
42	Volumetric behaviour of (carbon dioxide + hydrocarbon) mixtures at high pressures. <i>Journal of Supercritical Fluids</i> , 2016, 110, 103-109.	3.2	20
43	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
44	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
45	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
46	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
47	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
48	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. <i>Fluid Phase Equilibria</i> , 2015, 405, 101-106.	2.5	4
49	Progress towards an acoustic determination of the Boltzmann constant at CEM-UVa. <i>Metrologia</i> , 2015, 52, S257-S262.	1.2	12
50	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. <i>Fluid Phase Equilibria</i> , 2015, 386, 1-6.	2.5	4
51	A Spanish Inter-laboratory Comparison on the Characterization of Sterilization Autoclaves. <i>International Journal of Thermophysics</i> , 2014, 35, 1239-1250.	2.1	0
52	Densities, viscosities, and isobaric heat capacities of the system (1-butanol+cyclohexane) at high pressures. <i>Journal of Chemical Thermodynamics</i> , 2014, 74, 153-160.	2.0	15
53	Measurement and prediction of high-pressure viscosities of biodiesel fuels. <i>Fuel</i> , 2014, 122, 223-228.	6.4	44
54	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

#	ARTICLE	IF	CITATIONS
55	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. Journal of Chemical Thermodynamics, 2014, 79, 224-229.	2.0	11
56	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. Thermochemica Acta, 2014, 589, 90-99.	2.7	12
57	Density, Viscosity, and Isobaric Heat Capacity of the Mixture (1-Butanol + 1-Hexene). Journal of Chemical & Engineering Data, 2013, 58, 2717-2723.	1.9	19
58	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
59	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. Journal of Chemical Thermodynamics, 2013, 56, 6-11.	2.0	5
60	Heat capacities and densities of the binary mixtures containing ethanol, cyclohexane or 1-hexene at high pressures. Journal of Chemical Thermodynamics, 2013, 57, 550-557.	2.0	21
61	The IMERAPlus joint research project for determinations of the Boltzmann constant. , 2013, , .		5
62	Comparative study of working fluids for a Rankine cycle operating at low temperature. Fuel Processing Technology, 2012, 103, 71-77.	7.2	32
63	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
64	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
65	Phase equilibrium properties of the ternary mixture dibutyl ether+toluene+heptane at 313.15K. Fluid Phase Equilibria, 2012, 317, 84-88.	2.5	4
66	World geothermal power production status: Energy, environmental and economic study of high enthalpy technologies. Energy, 2012, 42, 10-18.	8.8	142
67	A technical, economical and market review of organic Rankine cycles for the conversion of low-grade heat for power generation. Renewable and Sustainable Energy Reviews, 2012, 16, 4175-4189.	16.4	435
68	Thermodynamic characterization of the mixture (1-butanol+iso-octane): Densities, viscosities, and isobaric heat capacities at high pressures. Journal of Chemical Thermodynamics, 2012, 44, 75-83.	2.0	37
69	An experimental setup for isobaric heat capacities for viscous fluids at high pressure: Squalane, bis(2-ethylhexyl) sebacate and bis(2-ethylhexyl) phthalate. Journal of Chemical Thermodynamics, 2012, 49, 75-80.	2.0	11
70	DESARROLLO DE UN VISCOSÍMETRO DE CAIDA DE CUERPO PARA CARACTERIZAR BIOCOMBUSTIBLES A ALTA PRESION. Dyna (Spain), 2012, 87, 438-445.	0.2	2
71	Reply to "Comment on 'Excess Enthalpies of Binary and Ternary Mixtures Containing Dibutyl Ether, Cyclohexane, and 1-Butanol at 298.15 K'" Journal of Chemical & Engineering Data, 2011, 56, 3712-3712.	1.9	0
72	Improvement of the measurement uncertainty of a high accuracy single sinker densimeter via setup modifications based on a state point uncertainty analysis. Measurement: Journal of the International Measurement Confederation, 2011, 44, 1768-1780.	5.0	21

#	ARTICLE	IF	CITATIONS
73	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
74	Low temperature heat source for power generation: Exhaustive analysis of a carbon dioxide transcritical power cycle. Energy, 2011, 36, 5497-5507.	8.8	67
75	High pressure densities of carbon dioxide + dipentaerythritol hexaheptanoate: New experimental setup and volumetric behavior. Journal of Supercritical Fluids, 2011, 58, 189-197.	3.2	12
76	Thermodynamic characterization of bio-fuels: Excess functions for binary mixtures containing ETBE and hydrocarbons. Energy, 2010, 35, 759-763.	8.8	8
77	Excess enthalpies of binary and ternary mixtures containing dibutyl ether (DBE), 1-butanol, and heptane at T=298.15K and 313.15K. Journal of Chemical Thermodynamics, 2010, 42, 28-37.	2.0	12
78	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
79	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. Journal of Chemical Thermodynamics, 2010, 42, 631-639.	2.0	30
80	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. Fluid Phase Equilibria, 2010, 290, 15-20.	2.5	12
81	Thermodynamic Properties of Binary and Ternary Mixtures Containing Di-isopropyl Ether, 2-Propanol, and Benzene at $T = 313.15$ K. Journal of Chemical & Engineering Data, 2010, 55, 2741-2745.	1.9	7
82	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
83	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. Journal of Chemical Thermodynamics, 2009, 41, 189-192.	2.0	10
84	Automated densimetric system: Measurements and uncertainties for compressed fluids. Journal of Chemical Thermodynamics, 2009, 41, 632-638.	2.0	115
85	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. Fluid Phase Equilibria, 2009, 284, 106-113.	2.5	11
86	Excess Enthalpies of Binary and Ternary Mixtures Containing Dibutyl Ether, Cyclohexane, and 1-Butanol at 298.15 K. Journal of Chemical & Engineering Data, 2009, 54, 1672-1679.	1.9	19
87	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. Fluid Phase Equilibria, 2008, 265, 12-16.	2.5	9
88	High-pressure isobaric heat capacities using a new flow calorimeter. Journal of Supercritical Fluids, 2008, 46, 258-264.	3.2	32
89	Phase Equilibrium Properties of Binary and Ternary Mixtures Containing Dibutyl Ether, Cyclohexane, and Heptane or 1-Hexene at T = 313.15 K. Journal of Chemical & Engineering Data, 2008, 53, 1486-1491.	1.9	5
90	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. Journal of Chemical & Engineering Data, 2008, 53, 247-251.	1.9	10

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	Phase equilibria properties of binary and ternary systems containing di-isopropyl ether+isobutanol+benzene at 313.15K. Fluid Phase Equilibria, 2006, 239, 178-182.	2.5	8
95	Experimental investigation of the vapour-liquid equilibrium of binary and ternary mixtures containing dibutyl ether (DBE), cyclohexane and toluene at 313.15K. Fluid Phase Equilibria, 2006, 245, 57-62.	2.5	12
96	Low-grade coal and biomass co-combustion on fluidized bed: exergy analysis. Energy, 2006, 31, 330-344.	8.8	37
97	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
98	Total pressure and excess Gibbs energy for the ternary mixture di-isopropyl ether+1-propanol+benzene and its corresponding binary systems at 313.15K. Fluid Phase Equilibria, 2006, 239, 183-187.	2.5	9
99	Phase equilibrium properties of binary and ternary systems containing di-isopropyl ether+1-butanol+benzene at 313.15K. Journal of Chemical Thermodynamics, 2006, 38, 547-553.	2.0	10
100	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. Journal of Chemical Thermodynamics, 2006, 38, 929-937.	2.0	26
101	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. Journal of Chemical Thermodynamics, 2006, 38, 916-922.	2.0	34
102	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
103	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2004, 217, 157-164.	2.5	17
104	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. Fluid Phase Equilibria, 2004, 220, 105-112.	2.5	40
105	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2003, 212, 81-95.	2.5	15
106	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
107	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. Journal of Chemical Thermodynamics, 2002, 34, 13-28.	2.0	23
108	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2002, 193, 289-301.	2.5	8

#	ARTICLE	IF	CITATIONS
109	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
110	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2001, 182, 229-239.	2.5	16
111	Vapour-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2001, 182, 241-255.	2.5	19
112	Vapor-liquid equilibrium of octane-enhancing additives in gasolines. Fluid Phase Equilibria, 2001, 191, 71-82.	2.5	13
113	Experimental investigation of the vapor-liquid equilibrium at 313.15 K of the ternary system tert-amylmethyl ether (TAME)+n-heptane+methanol. Fluid Phase Equilibria, 1999, 165, 197-208.	2.5	19
114	Phase equilibrium properties of binary and ternary systems containing tert-amylmethyl ether (TAME) as oxygenate additive and gasoline substitution hydrocarbons at 313.15 K. Fluid Phase Equilibria, 1999, 156, 73-87.	2.5	36
115	Excess thermodynamic properties of binary and ternary mixtures containing methyl 1,1-dimethylethyl ether (MTBE),n-heptane, and methanol at T= 313.15 K. Journal of Chemical Thermodynamics, 1999, 31, 1231-1246.	2.0	25
116	Excess thermodynamic functions for ternary systems containing fuel oxygenates and substitution hydrocarbons. Fluid Phase Equilibria, 1998, 152, 265-276.	2.5	40
117	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. Journal of Chemical & Engineering Data, 1998, 43, 1014-1020.	1.9	29
118	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. Journal of Chemical & Engineering Data, 1998, 43, 1021-1026.	1.9	37
119	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. Fluid Phase Equilibria, 1997, 133, 163-172.	2.5	56