Miguel Angel Iglesias Duro

List of Publications by Year in descending order

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81 papers 1,860 citations

257101 24 h-index 39 g-index

82 all docs 82 docs citations

82 times ranked 1029 citing authors

#	Article	IF	CITATIONS
1	Fluid Phase Topology of Benzene + Cyclohexane + 1-Propanol at 101.3Â kPa. International Journal of Thermophysics, 2015, 36, 1498-1518.	1.0	1
2	Alanine-supported protic ionic liquids as efficient catalysts for aldol condensation reactions. Comptes Rendus Chimie, 2014, 17, 18-22.	0.2	10
3	Isentropic compressibilities of chlorobenzene + n-hexane + (n-undecane orn-dodecane) at 298.15â€% Physics and Chemistry of Liquids, 2011, 49, 519-529.	%K. 0.4	5
4	Phase equilibria of binary mixtures containing methyl acetate, water, methanol or ethanol at 101.3 kPa. Physics and Chemistry of Liquids, 2011, 49, 52-71.	0.4	30
5	Proton Conducting Polymer Membrane Using The Ionic Liquid 2-Hydroxyethylammonium Lactate For Ethanol Fuel Cells. AIP Conference Proceedings, 2011, , .	0.3	6
6	Structural and Aggregation Study of Protic Ionic Liquids. , 2011, , .		2
7	Excess molar volumes of the ternary mixtures chlorobenzene + n-Hexane + linear aliphatic alkand (C7-C8) at 298.15 K. Physics and Chemistry of Liquids, 2011, 49, 708-719.	e 0.4	3
8	BrÃ, nsted ionic liquids: Study of physico-chemical properties and catalytic activity in aldol condensations. Chemical Engineering Journal, 2010, 162, 802-808.	6.6	78
9	Influence of temperature on thermodynamic properties of substituted aromatic compounds. Physics and Chemistry of Liquids, 2010, 48, 257-271.	0.4	22
10	Temperature dependence of the derived properties of mixtures containing chlorobenzene and aliphatic linear alkanes (C ₆ –C ₁₂). Physics and Chemistry of Liquids, 2010, 48, 661-681.	0.4	19
11	Phase behaviour of ethanol + water + ethyl acetate at 101.3 kPa. Physics and Chemistry of Liquids, 2010, 48, 461-476.	0.4	4
12	Influence of temperature on thermodynamics of ethanol + hydrocarbon gasoline additives. Physics and Chemistry of Liquids, 2010, 48, 337-384.	0.4	13
13	Thermodynamics of Water-Air Transfer of Fuel Oxygenates by the Dynamic Method of Batch Air Stripping: Experimental Study of Temperature and Cosolvency Effects. Separation Science and Technology, 2009, 44, 3615-3631.	1.3	5
14	Effect of temperature on mixing thermodynamics of a new ionic liquid: {2-Hydroxy ethylammonium formate (2-HEAF)+short hydroxylic solvents}. Journal of Chemical Thermodynamics, 2008, 40, 119-133.	1.0	85
15	Influence of temperature on thermodynamics of ethers+xylenes. Fluid Phase Equilibria, 2008, 267, 133-139.	1.4	14
16	Thermodynamics and Kinetics of Fuel Oxygenate Adsorption into Granular Activated Carbon. Journal of Chemical & Carbon. Journal Samp; Engineering Data, 2008, 53, 2556-2561.	1.0	11
17	Study of fuel oxygenates solubility in aqueous media as a function of temperature and tert-butyl alcohol concentration. Chemosphere, 2008, 71, 2098-2105.	4.2	18
18	Thermodynamics of oxygenate fuel additives as a function of temperature. Physics and Chemistry of Liquids, 2008, 46, 223-237.	0.4	35

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19	Isobaric phase equilibrium of the ternary mixture ethanol + water + 2-propanol. and Chemistry of Liquids, 2007, 45, 683-694.	Physics 0.4	3
20	Measuring and modelling experimental densities and ultrasonic velocities of aromatic and halogenated environmental pollutants. Chemosphere, 2007, 67, 384-395.	4.2	14
21	New Short Aliphatic Chain Ionic Liquids:  Synthesis, Physical Properties, and Catalytic Activity in Aldol Condensations. Journal of Physical Chemistry B, 2007, 111, 12468-12477.	1.2	83
22	Vapor–liquid equilibria for binary mixtures containing ethyl tert butyl ether (ETBE) + (p-xylene,m-xylene) Tj _{.4} ETQq0	0 0 0 rgBT /C
23	Temperature influence on solution properties of ethanol + n-alkane mixtures. Journal of Molecular Liquids, 2007, 135, 105-114.	2.3	31
24	Analysis of methanol extraction from aqueous solution by n-hexane: Equilibrium diagrams as a function of temperature. Journal of Molecular Liquids, 2007, 130, 52-58.	2.3	12
25	Temperature influence on mixing properties of {ethyl tert-butyl ether (ETBE)+gasoline additives}. Journal of Chemical Thermodynamics, 2007, 39, 1557-1564.	1.0	18
26	Influence of temperature on ultrasonic velocity measurements of ethanol+water+1-propanol mixtures. Journal of Thermal Analysis and Calorimetry, 2007, 87, 237-245.	2.0	25
27	Temperature dependence of excess molar volumes of ethanol+water+1-propanol. Journal of Thermal Analysis and Calorimetry, 2007, 88, 549-555.	2.0	13
28	Influence of Temperature on Thermodynamic Properties of Methyl t-Butyl Ether (MTBE)Â+ÂGasoline Additives. International Journal of Thermophysics, 2007, 28, 1199-1227.	1.0	27
29	Liquidâ^'Liquid Equilibrium Diagrams of Ethanol + Water + (Ethyl Acetate or 1-Pentanol) at Several Temperatures. Journal of Chemical & Engineering Data, 2006, 51, 1300-1305.	1.0	31
30	Measurement and Modeling of Phase Equilibria for Ethanol + Water + Methanol at Isobaric Condition. Journal of Chemical & Data, 2006, 51, 2114-2120.	1.0	10
31	Intermolecular interactions in soybean oil+different organic solvents by ultrasonic velocity measurements. Journal of Food Engineering, 2006, 77, 152-161.	2.7	22
32	Measurements of Density and Refractive Index of Soybean Oil + Short Aliphatic Alcohols. International Journal of Thermophysics, 2006, 27, 1463-1481.	1.0	14
33	Azeotropic behaviour of (benzene+cyclohexane+chlorobenzene) ternary mixture using chlorobenzene as entrainer at 101.3kPa. Journal of Chemical Thermodynamics, 2006, 38, 1725-1736.	1.0	10
34	Measurement and modelling of phase equilibria for ethanol+water+1-pentanol at isobaric condition. Korean Journal of Chemical Engineering, 2006, 23, 631-637.	1.2	7
35	Fluid phase topology of ethanol+benzene+cyclohexane at 101.3 kPa. Physics and Chemistry of Liquids, 2006, 44, 607-621.	0.4	O
36	Excess molar volumes of the ternary mixtures chlorobenzene+n-hexane+linear aliphatic alkane (C11–C12) at 298.15 K. Journal of Molecular Liquids, 2005, 122, 87-94.	2.3	11

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37	Effect of Temperature on the Change of Refractive Index on Mixing for Butyl Acetate + Aromatic Hydrocarbons. International Journal of Thermophysics, 2005, 26, 1437-1459.	1.0	28
38	Excess molar internal pressures and changes in refractive indices of acetone + methanol + (2-methyl-1-propanol or 3-methyl-1-butanol) at 298.15 K. Physics an Liquids, 2005, 43, 473-483.	ndo C line	mistry 3of
39	Influence of temperature on ultrasonic velocity measurements of ethanol + water + ethyl aceta mixtures. Physics and Chemistry of Liquids, 2005, 43, 65-89.	ite 0.4	23
40	Excess molar volumes of ternary mixtures containing benzene, cyclohexane, 1-pentanol and anisole at 298.15 K. Physics and Chemistry of Liquids, 2005, 43, 551-557.	0.4	8
41	Change of refractive indices in ternary mixtures containing chlorobenzene + n-hexane + (n-heptane or) Tj ETQq1 1	1 0.784	4314 rgBT /Over
42	Ultrasonic velocity measurements for butyl acetate+hydrocarbon mixtures. Physics and Chemistry of Liquids, 2004, 42, 521-543.	0.4	23
43	Changes of refractive indices of the ternary mixtures chlorobenzene +n-hexane + (n-nonane) Tj ETQq1 1 0.784314	4 rgBT 0:4	/Overlock 10 Tf
44	Ultrasonic velocity measurements for the ternary mixtures chlorobenzene +n-hexane + linear aliphatic alkane (C7–C8) at 298.15 K. Physics and Chemistry of Liquids, 2004, 42, 323-337.	0.4	13
45	Thermodynamics of binary mixtures of aliphatic linear alkanes (C6–C12) at 298.15 K. Physics and Chemistry of Liquids, 2004, 42, 37-51.	0.4	28
46	Temperature Dependence of Excess Molar Volumes of Ethanol + Water + Ethyl Acetate. Journal of Solution Chemistry, 2004, 33, 169-198.	0.6	41
47	Mixing properties of isopropyl acetate+aromatic hydrocarbons at 298.15 K: Density, refractive index and isentropic compressibility. Korean Journal of Chemical Engineering, 2004, 21, 1015-1025.	1.2	20
48	Influence of temperature on excess molar volumes for butyl acetate + aromatic hydrocarbons. Physics and Chemistry of Liquids, 2004, 42, 493-520.	0.4	17
49	Density, Refractive Index, and Speed of Sound at 298.15 K and Vaporâ 'Liquid Equilibria at 101.3 kPa for Binary Mixtures of Ethyl Acetate + 1-Pentanol and Ethanol + 2-Methyl-1-propanol. Journal of Chemical & Lamp; Engineering Data, 2004, 49, 804-808.	1.0	50
50	Influence of temperature on the volumetric properties of ethanol + water + 1-pentanol. Journal of the Serbian Chemical Society, 2004, 69, 1073-1097.	0.4	12
51	Liquid phase behaviour and thermodynamics of acetone+methanol+n-alkane (C9–C12) mixtures. Fluid Phase Equilibria, 2003, 206, 61-85.	1.4	20
52	Effect of Temperature on the Refractive Index of Aliphatic Hydroxilic Mixtures (C2–C3). International Journal of Thermophysics, 2002, 23, 513-527.	1.0	40
53	Derived Properties of Binary Mixtures Containing (Acetone or Methanol) + Hydroxil Compounds. Physics and Chemistry of Liquids, 2001, 39, 99-116.	0.4	47
54	Temperature influence on refractive indices and isentropic compressibilities of alcohol (C2–C4)+olive oil mixtures. Journal of Food Engineering, 2001, 50, 29-40.	2.7	26

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55	Changes in refractive indices of ternary mixtures containing benzene, cyclohexane, 1-pentanol, and anisole at T=298.15 K. Journal of Chemical Thermodynamics, 2001, 33, 555-564.	1.0	4
56	Excess volumes of binary mixtures of vinyl acetate and aromatic hydrocarbons. Journal of Chemical Thermodynamics, 2001, 33, 723-732.	1.0	30
57	(Vapour + liquid) equilibria for the ternary system (benzene+ cyclohexane + anisole) at p= 101.32 kPa. Journal of Chemical Thermodynamics, 2001, 33, 1765-1776.	1.0	4
58	Thermodynamic Properties of the Mixture Acetone + Methanol + n-Octane at $25 {\rm \hat{A}}^{\circ} {\rm C}$. Journal of Solution Chemistry, 2001, 30, 133-148.	0.6	11
59	Thermodynamic properties of the system (acetone + methanol+n -heptane) atT= 298.15 K. Journal of Chemical Thermodynamics, 2000, 32, 483-497.	1.0	18
60	Thermodynamics of (anisole + benzene, or toluene, orn-hexane, or cyclohexane, or 1-butanol, or) Tj ETQq0 0 0 rgl	BT ₁ /Overloo	ck ₄ 10 Tf 50 5
61	Mixing properties of benzene+2-methyl-2-butanol+1-pentanol at 298.15 K. Experimental results and comparison between ERAS model and cubic EOS estimations for excess molar volumes. Fluid Phase Equilibria, 2000, 170, 151-163.	1.4	14
62	Temperature Dependence of Changes of Refractive Index in Methyl Acetate, Ethanol and 2-Propanol Mixtures. Physics and Chemistry of Liquids, 2000, 38, 623-633.	0.4	14
63	Volumetric properties prediction by cubic EOS for non-ideal mixtures: application to the ternary system acetone+methanol+n-hexane. Thermochimica Acta, 1999, 328, 265-275.	1.2	11
64	Temperature dependence of excess molar volumes in (n-alkane (C6–C9) or alcohol (C2–C4))+olive oil mixtures. Thermochimica Acta, 1999, 328, 277-296.	1.2	52
65	Thermodynamic properties of the mixture benzene+cyclohexane+2-methyl-2-butanol at the temperature 298.15 K: excess molar volumes prediction by application of cubic equations of state. Fluid Phase Equilibria, 1999, 154, 123-138.	1.4	35
66	Title is missing!. Magyar Apróvad Közlemények, 1999, 56, 381-394.	1.4	14
67	Thermodynamic properties of (acetone+methanol+2-butanol) atT=298.15K. Journal of Chemical Thermodynamics, 1999, 31, 497-512.	1.0	14
68	Changes of Refractive Indices for the Ternary Mixture Acetone + Methanol + <i>N</i> -Hexane at 288.15 and 298.15 K. Physics and Chemistry of Liquids, 1999, 37, 741-756.	0.4	0
69	Thermodynamic Properties of Alkanediols+Acetates at 298.15 K. Magyar Apróvad Közlemények, 1998, 52, 915-932.	1.4	28
70	Thermodynamic behaviour of mixtures containing methyl acetate, methanol, and 1-butanol at 298.15 K: application of the ERAS model. Fluid Phase Equilibria, 1998, 147, 285-300.	1.4	35
71	Mixing properties and derived magnitudes of the system $\{x1\ CH3COOCH3+x2\ CH3OH+(1a^2x1\ a^2x2)\ Tj\ ETQq1\ 1\}$	0,784314 1.0	rgBT /Overlo

Mixing properties of (methanol, ethanol, or 1-propanol) with (n-pentane, n-hexane, n-heptane and) Tj ETQq0 0 0 rg $^{87}_{1.4}$ /Overlock 10 Tf 50 mixing properties of (methanol, ethanol, or 1-propanol) with (n-pentane, n-hexane, n-heptane and) Tj ETQq0 0 0 rg $^{87}_{1.4}$ /Overlock 10 Tf 50 mixing properties of (methanol, ethanol, or 1-propanol) with (n-pentane, n-hexane, n-hexane, n-hexane) Tj ETQq0 0 0 rg $^{87}_{1.4}$ /Overlock 10 Tf 50 mixing properties of (methanol, ethanol, or 1-propanol) with (n-pentane, n-hexane, n-hexane, n-hexane) Tj ETQq0 0 0 rg $^{87}_{1.4}$ /Overlock 10 Tf 50 mixing properties of (methanol, ethanol, ethano

72

#	Article	IF	CITATIONS
73	Densities, refractive indices, and derived excess properties of $\{x1CH3COOCH3+x2CH3OH+(1\hat{a}^*x1\hat{a}^*x2)CH3CH(OH)CH3\}$ at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1997, 29, 907-920.	1.0	12
74	Refractive indices, densities and excess properties on mixing of the systems acetone + methanol + water and acetone + methanol + 1-butanol at 298.15 K. Fluid Phase Equilibria, 1996, 126, 203-223.	1.4	106
75	Densities and refractive indices of $\{x1CH3COCH3+x2CH3OH+(1 \hat{a}^*x1\hat{a}^*x2)CH3(CH2)4OH\}$ at the temperature 298.15 K. Journal of Chemical Thermodynamics, 1995, 27, 253-258.	1.0	6
76	Densities, refractive indices, and derived excess properties of $\{x1CH3COCH3+x2CH3OH+(1 \hat{a}^*x1\hat{a}^*x2)$ CH3CH(OH)CH3 $\}$ at the temperature 298.15K. Journal of Chemical Thermodynamics, 1995, 27, 1161-1167.	1.0	18
77	Vapor-Liquid Equilibria for the Ternary System Acetone + Methanol + Chlorobenzene at 101.325 kPa. Journal of Chemical & Deta, 1995, 40, 1203-1205.	1.0	8
78	Densities, Refractive Indices, Speeds of Sound, and Isentropic Compressibilities of Benzene + Cyclohexane + 1-Pentanol at 298.15 K. Journal of Chemical & Engineering Data, 1995, 40, 260-263.	1.0	27
79	Densities and Refractive Indices of Acetone + Methanol + 2-Methyl-2-butanol at 298.15 K. Journal of Chemical &	1.0	8