Fernando Hevia

List of Publications by Year
in descending order

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28 papers	125 citations	1307594 7 h-index	1474206 9 g-index
28 all docs	28 docs citations	28 times ranked	68 citing authors

#	Article	IF	Citations
1	Thermodynamics of chlorobenzene, or bromobenzene, or 1-chloronaphthalene or 1,2,4-trichlorobenzeneÂ+Âalkane mixtures. Journal of Molecular Liquids, 2022, 348, 118282.	4.9	0
2	Density, speed of sound, refractive index and relative permittivity of methanol, propan-1-ol or pentan-1-olÂ+Âbenzylamine liquid mixtures. Application of the Kirkwood-FrÃ¶hlich model. Journal of Chemical Thermodynamics, 2022, 168, 106737.	2.0	3
3	Thermodynamics of mixtures with strong negative deviations from Raoultâ€™s law. XVII: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msubsup><mml:mi>H</mml:mi><mml:mrow><mml:mi mathvariant="normal">m</mml:mi></mml:mrow><mml:mi mathvariant="normal">E</mml:mi></mml:msubsup></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	2.5	1
4	Density, speed of sound, refractive index and relative permittivity of methanol, propan-1-ol or pentan-1-ol + aniline liquid mixtures. Application of the Kirkwood-FrÃ¶hlich model. Journal of Molecular Liquids, 2021, 322, 114988.	4.9	7
5	Thermodynamics of mixtures with strong negative deviations from Raoultâ€™s law. XVIII: Excess molar enthalpies for the (1-alkanolÂ+Âcyclohexylamine) systems at 298.15ÂK and modelling. Journal of Chemical Thermodynamics, 2021, 157, 106395.	2.0	2
6	Thermodynamics of mixtures containing a fluorinated benzene and a hydrocarbon. Journal of Molecular Liquids, 2021, 335, 116506.	4.9	2
7	Thermodynamics of mixtures with strongly negative deviations from Raoultâ€™s law. XVII. Permittivities and refractive indices for alkan-1-olâ€¯+â€¯N,N-diethylethanamine systems at (293.15â€“303.15)â€¯K. Application of the Kirkwood-FrÃ¶hlich model. Journal of Chemical Thermodynamics, 2020, 141, 105937.	2.0	4
8	Dissolution of sulfur dioxide and nitrogen monoxide in water. Journal of Chemical Thermodynamics, 2020, 142, 106006.	2.0	3
9	Thermodynamics of amine mixtures. Systems formed by alkyl-amine and ether, or N,N-dialkylamide, or ethanenitrile. Journal of Molecular Liquids, 2020, 306, 112907.	4.9	0
10	Volumetric and Viscosimetric Measurements for Methanolâ€‰+â€‰CH3â€“Oâ€“(CH2CH2O)nâ€“CH3 (nâ€‰=â€‰2, 3, 4) Mixtures at (293.15â€“303.15) K and Atmospheric Pressure: Application of the ERAS Model. Journal of Solution Chemistry, 2020, 49, 332-352.	1.2	3
11	Fun outreach in Optics: Physics League. Optica Pura Y Aplicada, 2020, 53, 1-8.	0.1	0
12	Thermodynamics of amideÂ+ amine mixtures. 5. Excess molar enthalpies of N,N-dimethylformamide or N,N-dimethylacetamideÂ+ N-propylpropan-1-amine,Â+ N-butylbutan-1-amine,Â+ butan-1-amine, orÂ+ hexan-1-amine systems at 298.15ÂK. Application of the ERAS model. Fluid Phase Equilibria, 2019, 502, 112283.	2.5	3
13	Liquid-liquid equilibria for (2-hydroxy benzaldehydeâ€¯+â€¯n-alkane) mixtures. Intermolecular and proximity effects in systems containing hydroxyl and aldehyde groups. Journal of Chemical Thermodynamics, 2019, 135, 359-368.	2.0	1
14	Characterization of 1-alkanolÂ+ strongly polar compound mixtures from thermophysical data and the application of the Kirkwood-Buff integrals and Kirkwood-FrÃ¶hlich formalisms. Fluid Phase Equilibria, 2019, 492, 41-54.	2.5	3
15	Thermodynamics of mixtures with strongly negative deviations from Raoult's law. XV. Permittivities and refractive indices for 1-alkanolÂ+ n -hexylamine systems at (293.15â€“303.15) K. Application of the Kirkwood-FrÃ¶hlich model. Fluid Phase Equilibria, 2018, 468, 18-28.	2.5	8
16	Thermodynamics of mixtures containing a very strongly polar compound. 12. Systems with nitrobenzene or 1-nitroalkane and hydrocarbons or 1-alkanols. Fluid Phase Equilibria, 2018, 471, 24-39.	2.5	7
17	Thermodynamics of mixtures containing aromatic nitriles. Journal of Chemical Thermodynamics, 2018, 116, 259-272.	2.0	6
18	Thermodynamics of amideâ€¯+â€¯amine mixtures. 4. Relative permittivities of N,N-dimethylacetamideâ€¯+â€¯N-propylpropan-1-amine,â€¯+â€¯N-butylbutan-1-amine,â€¯+â€¯butan-1-amine, orâ€¯+â€¯hexan-1-amine systems and of N,N-dimethylformamideâ€¯+â€¯aniline mixture at several temperatures. Characterization of amineâ€¯+â€¯amide systems using ERAS. Journal of Chemical Thermodynamics, 2018, 118, 175-187.	2.0	7

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19	Thermodynamics of mixtures with strongly negative deviations from Raoult's law. XVI. Permittivities and refractive indices for 1-alkanolâ€ +â€ di-n-propylamine systems at (293.15â€“303.15)â€ K. Application of the Kirkwood-FrÃ¶hlich model. Journal of Molecular Liquids, 2018, 271, 704-714.	4.9	5
20	Thermodynamics of AmideÂ+ÂAmine Mixtures. 2. Volumetric, Speed of Sound and Refractive Index Data for N,N-DimethylacetamideÂ+ÂN-Propylpropan-1-Amine,Â+ÂN-Butylbutan-1-Amine,Â+ÂButan-1-Amine, orÂ+ÂHexan-1-Amine Systems at Several Temperatures. Journal of Solution Chemistry, 2017, 46, 150-174.	1.2	8
21	Liquidâ€“Liquid Equilibria for Systems Containing 4-Phenylbutan-2-one or Benzyl Ethanoate and Selected Alkanes. Journal of Chemical & Engineering Data, 2017, 62, 988-994.	1.9	7
22	Thermodynamics of amide + amine mixtures. 3. Relative permittivities of N , N -dimethylformamide + N -propylpropan-1-amine, + N -butylbutan-1-amine, + butan-1-amine, or + hexan-1-amine systems at several temperatures. Journal of Molecular Liquids, 2017, 238, 440-446.	4.9	6
23	Orientational effects in mixtures of organic carbonates with alkanes or 1-alkanols. Fluid Phase Equilibria, 2017, 449, 91-103.	2.5	6
24	Orientational effects in alkanone, alkanal or dialkyl carbonate + alkane mixtures and in alkanone + alkanone or + dialkyl carbonate systems. Journal of Molecular Liquids, 2017, 233, 517-527.	4.9	8
25	Thermodynamics of amide + ketone mixtures. 2. Volumetric, speed of sound and refractive index data for N,N-dimethylacetamide + 2-alkanone systems at several temperatures. Application of Flory's model to tertiary amide +n-alkanone systems. Journal of Molecular Liquids, 2017, 248, 286-301.	4.9	1
26	Thermodynamics of Amide + Amine Mixtures. 1. Volumetric, Speed of Sound, and Refractive Index Data for N,N-Dimethylformamide + N-Propylpropan-1-amine, + N-Butylbutan-1-amine, + Butan-1-amine, or + Hexan-1-amine Systems at Several Temperatures. Journal of Chemical & Engineering Data, 2016, 61, 1468-1478.	1.9	12
27	Thermodynamics of amide+ketone mixtures. 1. Volumetric, speed of sound and refractive index data for N,N-dimethylformamide+2-alkanone systems at several temperatures. Journal of Chemical Thermodynamics, 2016, 98, 21-32.	2.0	8
28	Thermodynamics of mixtures containing a very strongly polar compound. 11. 1-Alkanol+alkanenitrile systems. Thermochimica Acta, 2015, 605, 121-129.	2.7	4