

# Luis Lugo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117  
papers

3,467  
citations

35  
h-index

53  
g-index

121  
ext. papers

3,882  
ext. citations

4.1  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
117	A new relationship on transport properties of nanofluids. Evidence with novel magnesium oxide based n-tetradecane nanodispersions. <i>Powder Technology</i> , <b>2022</b> , 397, 117082	5.2	3
116	Hybrid or mono nanofluids for convective heat transfer applications. A critical review of experimental research. <i>Applied Thermal Engineering</i> , <b>2022</b> , 203, 117926	5.8	11
115	Improving the tribological performance of a biodegradable lubricant adding graphene nanoplatelets as additives. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 345, 117797	6	2
114	Numerical analysis of performance uncertainty of heat exchangers operated with nanofluids. <i>International Journal of Thermofluids</i> , <b>2022</b> , 14, 100144	5.6	4
113	Development and Thermophysical Profile of Cetyl Alcohol-in-Water Nanoemulsions for Thermal Management. <i>Fluids</i> , <b>2022</b> , 7, 11	1.6	1
112	Experimental Methodology to Determine Thermal Conductivity of Nanofluids by Using a Commercial Transient Hot-Wire Device. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 329	2.6	1
111	Characterization of Tuna Gelatin-Based Hydrogels as a Matrix for Drug Delivery.. <i>Gels</i> , <b>2022</b> , 8,	4.2	5
110	An experimental study of novel nanofluids based on deep eutectic solvents (DESs) by Choline chloride and Ethylene glycol. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 119521	6	1
109	Phase change characterization of eco-friendly isopropyl palmitate-based graphene nanoplatelet nanofluid for thermal energy applications. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 360, 119456	6	0
108	Physicochemical investigation of water-soluble C60(C2NH4O2)4H4 (C60-Gly) adduct. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 344, 117658	6	1
107	Tuning the thermal properties of aqueous nanofluids by taking advantage of size-customized clusters of iron oxide nanoparticles. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 344, 117727	6	0
106	Thermophysical profile of ethylene glycol based nanofluids containing two types of carbon black nanoparticles with different specific surface areas. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 326, 115255	6	22
105	Analysis of Heat Transfer Characteristics of a GnP Aqueous Nanofluid through a Double-Tube Heat Exchanger. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
104	Thermophysical, rheological and electrical properties of mono and hybrid TiB2/B4C nanofluids based on a propylene glycol:water mixture. <i>Powder Technology</i> , <b>2021</b> , 395, 391-391	5.2	4
103	Volumetric Properties and Surface Tension of Few-Layer Graphene Nanofluids Based on a Commercial Heat Transfer Fluid. <i>Energies</i> , <b>2020</b> , 13, 3462	3.1	3
102	A Comprehensive Physical Profile for Aqueous Dispersions of Carbon Derivatives as Solar Working Fluids. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 528	2.6	3
101	An In Situ Hyaluronic Acid-Fibrin Hydrogel Containing Drug-Loaded Nanocapsules for Intra-Articular Treatment of Inflammatory Joint Diseases. <i>Regenerative Engineering and Translational Medicine</i> , <b>2020</b> , 6, 201-216	2.4	15

100	Convective heat transfer in pipe flow for glycolated water-based carbon nanofluids. A thorough analysis. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 301, 112370	6	9
99	Experimental evaluation of the effect in the stability and thermophysical properties of water-Al <sub>2</sub> O <sub>3</sub> based nanofluids using SDBS as dispersant agent. <i>Advanced Powder Technology</i> , <b>2020</b> , 31, 560-570	4.6	32
98	Tribological performance of silicon nitride and carbon black Ionanofluids based on 1-ethyl-3-methylimidazolium methanesulfonate. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 319, 114335	6	8
97	Influence of molecular mass of PEG on rheological behaviour of MWCNT-based nanofluids for thermal energy storage. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 318, 113965	6	5
96	Enhancing the Thermal Performance of a Stearate Phase Change Material with Graphene Nanoplatelets and MgO Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 39108-39117	9.5	14
95	Viscosity and isobaric specific heat capacity of alumina nanoparticle enhanced ionic liquids: An experimental approach. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 317, 114020	6	17
94	Tribological and Thermophysical Properties of Environmentally-Friendly Lubricants Based on Trimethylolpropane Trioleate with Hexagonal Boron Nitride Nanoparticles as an Additive. <i>Coatings</i> , <b>2019</b> , 9, 509	2.9	11
93	MWCNT in PEG-400 nanofluids for thermal applications: A chemical, physical and thermal approach. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 294, 111616	6	23
92	Influence of Six Carbon-Based Nanomaterials on the Rheological Properties of Nanofluids. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	28
91	Comparative study of different functionalized graphene-nanoplatelet aqueous nanofluids for solar energy applications. <i>Renewable Energy</i> , <b>2019</b> , 141, 791-801	8.1	22
90	Heat transfer performance of a nano-enhanced propylene glycol:water mixture. <i>International Journal of Thermal Sciences</i> , <b>2019</b> , 139, 413-423	4.1	17
89	Experimental study on thermophysical properties of alumina nanoparticle enhanced ionic liquids. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 291, 111332	6	34
88	Tailored silver/graphene nanoplatelet hybrid nanofluids for solar applications. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 296, 112007	6	23
87	NePCM Based on Silver Dispersions in Poly(Ethylene Glycol) as a Stable Solution for Thermal Storage. <i>Nanomaterials</i> , <b>2019</b> , 10,	5.4	20
86	Experimental Convection Heat Transfer Analysis of a Nano-Enhanced Industrial Coolant. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	13
85	Functionalized graphene nanoplatelet nanofluids based on a commercial industrial antifreeze for the thermal performance enhancement of wind turbines. <i>Applied Thermal Engineering</i> , <b>2019</b> , 152, 113-125	5.8	25
84	Graphene IoNanofluids, Thermal and Structural Characterization. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	12
83	Physico-chemical properties of C <sub>60</sub> (OH) <sub>22</sub> water solutions: Density, viscosity, refraction index, isobaric heat capacity and antioxidant activity. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 278, 342-355	6	22

82	Nanodiamonds in Ethylene Glycol nanofluids: Experimental investigation of fundamental physical properties. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 121, 1201-1213	4.9	60
81	Isobaric heat capacity and density of ethylene glycol based nanofluids containing various nitride nanoparticle types: An experimental study. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 261, 530-539	6	47
80	Potential heat transfer enhancement of functionalized graphene nanoplatelet dispersions in a propylene glycol-water mixture. Thermophysical profile. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 123, 174-184	2.9	36
79	Effect of ZrO <sub>2</sub> nanoparticles on thermophysical and rheological properties of three synthetic oils. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 262, 126-138	6	21
78	Determination of derived volumetric properties and heat capacities at high pressures using two density scaling based equations of state. Application to dipentaerythritol hexa(3,5,5-trimethylhexanoate). <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 3531-3542	3.6	5
77	Flow behaviour of suspensions of functionalized graphene nanoplatelets in propylene glycol-water mixtures. <i>International Communications in Heat and Mass Transfer</i> , <b>2018</b> , 91, 150-157	5.8	29
76	Current trends in surface tension and wetting behavior of nanofluids. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 94, 931-944	16.2	85
75	Rheological behaviour of functionalized graphene nanoplatelet nanofluids based on water and propylene glycol:water mixtures. <i>International Communications in Heat and Mass Transfer</i> , <b>2018</b> , 99, 43-53	5.8	33
74	Functionalized graphene nanoplatelet-nanofluids for solar thermal collectors. <i>Solar Energy Materials and Solar Cells</i> , <b>2018</b> , 185, 205-209	6.4	80
73	Heat Transfer Capability of (Ethylene Glycol + Water)-Based Nanofluids Containing Graphene Nanoplatelets: Design and Thermophysical Profile. <i>Nanoscale Research Letters</i> , <b>2017</b> , 12, 53	5	54
72	High Pressure Rheological Behavior of 1-Ethyl-3-methylimidazolium n-Hexylsulfate and Trihexyl(tetradecyl)phosphonium Tris(pentafluoroethyl)trifluorophosphate. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 2927-2936	2.8	4
71	PEG 400-Based Phase Change Materials Nano-Enhanced with Functionalized Graphene Nanoplatelets. <i>Nanomaterials</i> , <b>2017</b> , 8,	5.4	36
70	Volumetric behaviour of six ionic liquids from T = (278 to 398) K and up to 120 MPa. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 93, 24-33	2.9	21
69	Experimental investigation on heat transfer and pressure drop of ZnO/ethylene glycol-water nanofluids in transition flow. <i>Applied Thermal Engineering</i> , <b>2016</b> , 93, 537-548	5.8	39
68	Isobaric heat capacity at high pressure, density, and viscosity of (diphenyl ether + biphenyl) mixtures. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 93, 86-94	2.9	8
67	Heat Transfer Performance of Functionalized Graphene Nanoplatelet Aqueous Nanofluids. <i>Materials</i> , <b>2016</b> , 9,	3.5	45
66	Transport properties and heat transfer coefficients of ZnO/(ethylene glycol + water) nanofluids. <i>International Journal of Heat and Mass Transfer</i> , <b>2015</b> , 89, 433-443	4.9	34
65	Magnetorheological behaviour of propylene glycol-based hematite nanofluids. <i>Rheologica Acta</i> , <b>2015</b> , 54, 757-769	2.3	3

64	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> , <b>2015</b> , 81, 124-130	2.9	18
63	Specific heat of metal oxide nanofluids at high concentrations for heat transfer. <i>International Journal of Heat and Mass Transfer</i> , <b>2015</b> , 88, 872-879	4.9	77
62	Krytox GPL102 Oil as Reference Fluid for High Viscosities: High Pressure Volumetric Properties, Heat Capacities, and Thermal Conductivities. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2015</b> , 60, 3660-3669	2.8	8
61	Thermal conductivity of dry anatase and rutile nano-powders and ethylene and propylene glycol-based TiO <sub>2</sub> nanofluids. <i>Journal of Chemical Thermodynamics</i> , <b>2015</b> , 83, 67-76	2.9	67
60	Co <sub>3</sub> O <sub>4</sub> ethylene glycol-based nanofluids: Thermal conductivity, viscosity and high pressure density. <i>International Journal of Heat and Mass Transfer</i> , <b>2015</b> , 85, 54-60	4.9	86
59	High pressure density and solubility for the CO <sub>2</sub> +1-ethyl-3-methylimidazolium ethylsulfate system. <i>Journal of Supercritical Fluids</i> , <b>2014</b> , 88, 46-55	4.2	20
58	(Solid + liquid) phase equilibria and heat capacity of (diphenyl ether + biphenyl) mixtures used as thermal energy storage materials. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 74, 43-50	2.9	28
57	Density and viscosity of three (2,2,2-trifluoroethanol+1-butyl-3-methylimidazolium) ionic liquid binary systems. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 70, 101-110	2.9	80
56	Compressibilities and Viscosities of Reference, Vegetable, and Synthetic Gear Lubricants. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 4499-4510	3.9	6
55	Thermophysical profile of ethylene glycol-based ZnO nanofluids. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 73, 23-30	2.9	84
54	Ionic liquids as hydraulic fluids: comparison of several properties with those of conventional oils. <i>Lubrication Science</i> , <b>2014</b> , 26, 488-499	1.3	20
53	Phase equilibrium of two CO <sub>2</sub> + biodegradable oil systems up to 72MPa. <i>Journal of Supercritical Fluids</i> , <b>2014</b> , 91, 90-97	4.2	4
52	Characterization and measurements of thermal conductivity, density and rheological properties of zinc oxide nanoparticles dispersed in (ethane-1,2-diol+water) mixture. <i>Journal of Chemical Thermodynamics</i> , <b>2013</b> , 58, 405-415	2.9	53
51	Rheological and volumetric properties of TiO <sub>2</sub> -ethylene glycol nanofluids. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 286	5	101
50	Thermal conductivity, rheological behaviour and density of non-Newtonian ethylene glycol-based SnO <sub>2</sub> nanofluids. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 337, 119-124	2.5	90
49	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> , <b>2013</b> , 58, 440-448	2.9	33
48	Experimental measurements and modeling of CO <sub>2</sub> solubility in sunflower, castor and rapeseed oils. <i>Journal of Supercritical Fluids</i> , <b>2013</b> , 82, 191-199	4.2	4
47	Carbon dioxide solubility in reference and vegetable lubricants developed for two stroke engines. <i>Journal of Supercritical Fluids</i> , <b>2012</b> , 68, 123-130	4.2	9

46	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> , <b>2012</b> , 48, 213-220	2.9	44
45	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> , <b>2012</b> , 49, 75-80	2.9	8
44	Thermophysical properties of (diphenyl ether+biphenyl) mixtures for their use as heat transfer fluids. <i>Journal of Chemical Thermodynamics</i> , <b>2012</b> , 50, 80-88	2.9	36
43	Enhancement of thermal conductivity and volumetric behavior of Fe <sub>3</sub> O <sub>4</sub> nanofluids. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 014309	2.5	87
42	Behavior of the Environmentally Compatible Absorbent 1-Butyl-3-methylimidazolium Tetrafluoroborate with 2,2,2-Trifluoroethanol: Experimental Densities at High Pressures and Modeling of PVT and Phase Equilibria Behavior with PC-SAFT EoS. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 4065-4076	3.9	19
41	Influence of Molecular Structure on Densities and Viscosities of Several Ionic Liquids. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 4984-4999	2.8	137
40	Thermal conductivity and viscosity measurements of ethylene glycol-based Al <sub>2</sub> O <sub>3</sub> nanofluids. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 221	5	145
39	Rheological non-Newtonian behaviour of ethylene glycol-based Fe <sub>2</sub> O <sub>3</sub> nanofluids. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 560	5	89
38	Compressibilities and viscosities of reference and vegetable oils for their use as hydraulic fluids and lubricants. <i>Green Chemistry</i> , <b>2011</b> , 13, 1293	10	45
37	High pressure densities of carbon dioxide+dipentaerythritol hexaheptanoate: New experimental setup and volumetric behavior. <i>Journal of Supercritical Fluids</i> , <b>2011</b> , 58, 189-197	4.2	10
36	Influence of the Molecular Structure on the Volumetric Properties and Viscosities of Dialkyl Adipates (Dimethyl, Diethyl, and Diisobutyl Adipates). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 3697-3703	2.8	23
35	Solubilities of Carbon Dioxide in a Dipentaerythritol Ester and in a Polyether. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 5483-5488	2.8	8
34	Temperature and pressure dependences of volumetric properties of two poly(propylene glycol) dimethyl ether lubricants. <i>Journal of Chemical Thermodynamics</i> , <b>2010</b> , 42, 84-89	2.9	27
33	Solubility of carbon dioxide in pentaerythritol ester oils. New data and modeling using the PC-SAFT model. <i>Journal of Supercritical Fluids</i> , <b>2010</b> , 55, 62-70	4.2	17
32	Compressed liquid densities of two dipentaerythritol esters. <i>Fluid Phase Equilibria</i> , <b>2010</b> , 296, 30-36	2.5	13
31	Automated densimetric system: Measurements and uncertainties for compressed fluids. <i>Journal of Chemical Thermodynamics</i> , <b>2009</b> , 41, 632-638	2.9	109
30	Solubility of Carbon Dioxide in Two Pentaerythritol Ester Oils between (283 and 333) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2008</b> , 53, 1854-1861	2.8	39
29	Dynamic Viscosity under Pressure for Mixtures of Pentaerythritol Ester Lubricants with 32 Viscosity Grade: Measurements and Modeling. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2007</b> , 46, 1826-1833	3.9	19



28	Density Measurements under Pressure for Mixtures of Pentaerythritol Ester Lubricants. Analysis of a Density-Viscosity Relationship <i>Journal of Chemical &amp; Engineering Data</i> , <b>2007</b> , 52, 1429-1436	2.8	29
27	Volumetric properties of 1-iodoperfluorohexane+n-octane binary system at several temperatures. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2007</b> , 87, 179-187	4.1	3
26	High-Pressure Characterization of Dynamic Viscosity and Derived Properties for Squalane and Two Pentaerythritol Ester Lubricants: Pentaerythritol Tetra-2-ethylhexanoate and Pentaerythritol Tetranonanoate. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2006</b> , 45, 2394-2404	3.9	56
25	Volumetric behaviour of the environmentally compatible lubricants pentaerythritol tetraheptanoate and pentaerythritol tetranonanoate at high pressures. <i>Green Chemistry</i> , <b>2005</b> , 7, 775	10	50
24	Experimental Dynamic Viscosities of 2,3-Dimethylpentane up to 60 MPa and from (303.15 to 353.15) K Using a Rolling-Ball Viscometer <i>Journal of Chemical &amp; Engineering Data</i> , <b>2005</b> , 50, 849-855	2.8	46
23	Compressed Liquid Densities of Squalane and Pentaerythritol Tetra(2-ethylhexanoate) <i>Journal of Chemical &amp; Engineering Data</i> , <b>2005</b> , 50, 939-946	2.8	96
22	Density measurements under pressure for the binary system (ethanol+methylcyclohexane). <i>Journal of Chemical Thermodynamics</i> , <b>2005</b> , 37, 1294-1304	2.9	22
21	Volumetric properties under pressure for the binary system ethanol+toluene. <i>Fluid Phase Equilibria</i> , <b>2005</b> , 235, 139-151	2.5	56
20	Prediction of the pressure dependence on the thermodynamic properties of dialkyl carbonate + alkane mixtures using Nitta-Chao model. <i>Fluid Phase Equilibria</i> , <b>2004</b> , 217, 165-173	2.5	4
19	Phase Equilibria, PVT Behavior, and Critical Phenomena in Carbon Dioxide + n-Alkane Mixtures Using the Perturbed-Chain Statistical Associating Fluid Theory Approach. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2004</b> , 43, 8345-8353	3.9	46
18	$p$ - $T$ Measurements and EoS Predictions of Glycol Ethers from (283.15 to 353.15) K at Pressures up to 25 MPa. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2004</b> , 49, 1400-1405	2.8	18
17	Liquid Density Measurements of Diethylene Glycol Monoalkyl Ethers as a Function of Temperature and Pressure. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2004</b> , 49, 376-379	2.8	26
16	Volumetric Properties of Binary Tetraethylene Glycol Dimethyl Ether + Heptane Mixtures between (278.15 and 353.15) K and up to 25 MPa. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2003</b> , 48, 1271-1278	2.8	17
15	Modeling of Gas Solubility Data for HFCs-Lubricant Oil Binary Systems by Means of the SRK Equation of State. <i>International Journal of Thermophysics</i> , <b>2003</b> , 24, 1043-1060	2.1	15
14	Sako-Wu-Braunsnitz equation of state for modelling phase equilibria and high-pressure PVT of mixtures containing dialkyl carbonate and alkane. <i>Fluid Phase Equilibria</i> , <b>2003</b> , 210, 77-89	2.5	2
13	Experimental densities and dynamic viscosities of organic carbonate + n-alkane or p-xylene systems at 298.15 K. <i>Fluid Phase Equilibria</i> , <b>2003</b> , 204, 233-243	2.5	29
12	Phase equilibria and pVT predictions for alkyl carbonate + n-alkane systems using equations of state. <i>Fluid Phase Equilibria</i> , <b>2003</b> , 212, 111-128	2.5	14
11	Pressure and temperature dependence of the excess thermodynamic properties of binary dimethyl carbonate + n-octane mixtures. <i>Canadian Journal of Chemistry</i> , <b>2003</b> , 81, 840-849	0.9	6

10	UNIFAC calculation of thermodynamic properties of binary 1-chloroalkane + alkane and 1,1-dichloroalkane + alkane mixtures: Comparison with Nitta-Chao and DISQUAC predictions. <i>Canadian Journal of Chemistry</i> , <b>2003</b> , 81, 392-405	0.9	2
9	(p, Vm, T, x) measurements of dimethyl carbonate + octane binary mixtures: II. Excess molar volumes. <i>Fluid Phase Equilibria</i> , <b>2002</b> , 199, 135-145	2.5	18
8	(p, Vm, T, x) measurements of dimethyl carbonate+octane binary mixtures. <i>Fluid Phase Equilibria</i> , <b>2001</b> , 186, 235-255	2.5	89
7	Reply to the letter to the editor by J. Gmehling and J. Lohmann about the paper Analysis of the molecular interactions of organic anhydride + alkane binary mixtures using the Nitta-Chao model [Fluid Phase Equilib. 170 (2000) 6985]. <i>Fluid Phase Equilibria</i> , <b>2001</b> , 189, 197-201	2.5	
6	Modelling thermodynamic properties of iodoalkane + alkane systems using group contribution models. <i>Physical Chemistry Chemical Physics</i> , <b>2001</b> , 3, 5006	3.6	2
5	Temperature dependence of the excess molar volume of (dimethyl carbonate, or diethyl carbonate+ toluene) from T= 278.15 K to 323.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>2000</b> , 32, 743-754	2.9	35
4	Analysis of the molecular interactions of organic anhydride+alkane binary mixtures using the Nitta-Chao model. <i>Fluid Phase Equilibria</i> , <b>2000</b> , 170, 69-85	2.5	4
3	Excess molar volumes of liquid 1-bromoalkane + alkane mixtures. Nitta-Chao characterization of the bromine-bromine and bromine-methylene interactions in binary 1-bromoalkane + alkane mixtures. <i>Canadian Journal of Chemistry</i> , <b>1999</b> , 77, 299-307	0.9	4
2	Experimental excess volumes of organic carbonate+alkane systems. Estimation of the parameters of the Nitta-Chao model for this kind of binary mixture. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1998</b> , 94, 1707-1712		39
1	Experimental study on the density, surface tension and electrical properties of ZrO <sub>2</sub> /EG nanofluids. <i>Physics and Chemistry of Liquids</i> , 1-11	1.5	2