

Lus P N Rebelo

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4907718/luis-p-n-rebelo-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

254
papers

18,942
citations

71
h-index

132
g-index

268
ext. papers

20,372
ext. citations

5.8
avg, IF

6.66
L-index

#	Paper	IF	Citations
254	Insights into CO ₂ hydrates formation and dissociation at isochoric conditions using a rocking cell apparatus. <i>Chemical Engineering Science</i> , 2021 , 249, 117319	4.4	4
253	Viscosity of [C4mim][(CF ₃ SO ₂) ₂ N], [C4mim][N(CN) ₂], [C2mim][C ₂ H ₅ SO ₄] and [Aliquat][N(CN) ₂] in a wide temperature range. Measurement, correlation, and interpretation. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116482	6	2
252	Evidences for a Null Molar Volume Contribution by Hydroxyl Groups in Ammonium Bistriflimide-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 4932-4945	2.8	1
251	Physicochemical Characterization of Ionic Liquid Binary Mixtures Containing 1-Butyl-3-methylimidazolium as the Common Cation. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 4891-4903	2.8	12
250	Simultaneous Separation of Antioxidants and Carbohydrates From Food Wastes Using Aqueous Biphasic Systems Formed by Cholinium-Derived Ionic Liquids. <i>Frontiers in Chemistry</i> , 2019 , 7, 459	5	8
249	Anomalous and Not-So-Common Behavior in Common Ionic Liquids and Ionic Liquid-Containing Systems. <i>Frontiers in Chemistry</i> , 2019 , 7, 450	5	17
248	Aggregation and phase equilibria of fluorinated ionic liquids. <i>Journal of Molecular Liquids</i> , 2019 , 285, 386-396	6	14
247	Ionic Liquids in Wonderland: From Electrostatics to Coordination Chemistry. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 5804-5811	3.8	3
246	Chemoinformatic Approaches To Predict the Viscosities of Ionic Liquids and Ionic Liquid-Containing Systems. <i>ChemPhysChem</i> , 2019 , 20, 2767-2773	3.2	6
245	Adsorption and viscoelastic behaviour of ionic liquid surfactants on gold surfaces. <i>Journal of Molecular Liquids</i> , 2019 , 282, 633-641	6	3
244	Ionic Liquid-Impregnated Metal-Organic Frameworks for CO ₂ /CH ₄ Separation. <i>ACS Applied Nano Materials</i> , 2019 , 2, 7933-7950	5.6	28
243	Crystallization and Glass-Forming Ability of Ionic Liquids: Novel Insights into Their Thermal Behavior. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2989-2997	8.3	12
242	Acute Aquatic Toxicity and Biodegradability of Fluorinated Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3733-3741	8.3	39
241	Human cytotoxicity and octanol/water partition coefficients of fluorinated ionic liquids. <i>Chemosphere</i> , 2019 , 216, 576-586	8.4	40
240	Design of task-specific fluorinated ionic liquids: nanosegregation versus hydrogen-bonding ability in aqueous solutions. <i>Chemical Communications</i> , 2018 , 54, 3524-3527	5.8	12
239	ILs through the looking glass: electrostatics and structure probed using charge-inverted ionic liquid pairs. <i>Faraday Discussions</i> , 2018 , 206, 203-218	3.6	4
238	Pyridinium salts: from synthesis to reactivity and applications. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 453-493	5.2	142

237	Molecular dynamics studies on the structure and interactions of ionic liquids containing amino-acid anions. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 23864-23872	3.6	6
236	Meteorological Driving Mechanisms and Human Impacts of the February 1979 Extreme Hydro-Geomorphological Event in Western Iberia. <i>Water (Switzerland)</i> , 2018 , 10, 454	3	3
235	High-resolution geological cartography and coastal evolution assessment at Armañ de Pfa Gal sector: a prototype for a national coastal mapping. <i>Journal of Coastal Conservation</i> , 2018 , 22, 1031-1043	1.9	2
234	Designing the ammonium cation to achieve a higher hydrophilicity of bistriflimide-based ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 19307-19313	3.6	13
233	A centennial catalogue of hydro-geomorphological events and their atmospheric forcing. <i>Advances in Water Resources</i> , 2018 , 122, 98-112	4.7	15
232	Negative Pressure Regimes in Ionic Liquids: Structure and Interactions in Stretched Liquids as Probed by NMR. <i>ECS Transactions</i> , 2018 , 86, 141-147	1	1
231	Infrared light-induced protein crystallization. Structuring of protein interfacial water and periodic self-assembly. <i>Journal of Crystal Growth</i> , 2017 , 457, 362-368	1.6	5
230	Influence of Nanosegregation on the Phase Behavior of Fluorinated Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 5415-5427	3.8	35
229	Fluorinated ionic liquids for protein drug delivery systems: Investigating their impact on the structure and function of lysozyme. <i>International Journal of Pharmaceutics</i> , 2017 , 526, 309-320	6.5	41
228	Thermophysical Characterization of Ionic Liquids Based on the Perfluorobutanesulfonate Anion: Experimental and Soft-SAFT Modeling Results. <i>ChemPhysChem</i> , 2017 , 18, 2012-2023	3.2	17
227	Highly water soluble room temperature superionic liquids of APIs. <i>New Journal of Chemistry</i> , 2017 , 41, 6986-6990	3.6	7
226	CHAPTER 4: Surfactant Fluorinated Ionic Liquids. <i>RSC Smart Materials</i> , 2017 , 79-102	0.6	4
225	Enhanced tunability afforded by aqueous biphasic systems formed by fluorinated ionic liquids and carbohydrates. <i>Green Chemistry</i> , 2016 , 18, 1070-1079	10	28
224	Densities and Viscosities of Mixtures of Two Ionic Liquids Containing a Common Cation. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2828-2843	2.8	85
223	Influence of Nanosegregation on the Surface Tension of Fluorinated Ionic Liquids. <i>Langmuir</i> , 2016 , 32, 6130-9	4	33
222	Protonic Ammonium Nitrate Ionic Liquids and Their Mixtures: Insights into Their Thermophysical Behavior. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 2397-406	3.4	31
221	Fluorination effects on the thermodynamic, thermophysical and surface properties of ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2016 , 97, 354-361	2.9	35
220	Mixtures of the 1-ethyl-3-methylimidazolium acetate ionic liquid with different inorganic salts: insights into their interactions. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 2756-66	3.6	11

219	Designing high ionicity ionic liquids based on 1-ethyl-3-methylimidazolium ethyl sulphate for effective azeotrope breaking. <i>Fluid Phase Equilibria</i> , 2016 , 419, 57-66	2.5	9
218	Improving the Separation of n-Heptane + Ethanol Azeotropic Mixtures Combining Ionic Liquid 1-Ethyl-3-methylimidazolium Acetate with Different Inorganic Salts. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 5965-5972	3.9	9
217	Solid-liquid equilibria of binary mixtures of fluorinated ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 25741-50	3.6	21
216	Ionic liquid-functionalized crystals of barium sulfate: A hybrid organic/inorganic material with tuned hydrophilicity and solid/liquid behavior. <i>Materials Chemistry and Physics</i> , 2015 , 160, 308-314	4.4	6
215	Ionic-Liquid-Functionalized Mineral Particles for Protein Crystallization. <i>Crystal Growth and Design</i> , 2015 , 15, 2994-3003	3.5	8
214	A thermophysical and structural characterization of ionic liquids with alkyl and perfluoroalkyl side chains. <i>RSC Advances</i> , 2015 , 5, 65337-65350	3.7	55
213	Viscosity minima in binary mixtures of ionic liquids + molecular solvents. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 13480-94	3.6	18
212	Organocatalyzed One-Step Synthesis of Functionalized N-Alkyl-Pyridinium Salts from Biomass Derived 5-Hydroxymethylfurfural. <i>Organic Letters</i> , 2015 , 17, 5244-7	6.2	26
211	On the hunt for truly biocompatible ionic liquids for lipase-catalyzed reactions. <i>RSC Advances</i> , 2015 , 5, 3386-3389	3.7	44
210	Phase equilibria and surfactant behavior of fluorinated ionic liquids with water. <i>Journal of Chemical Thermodynamics</i> , 2015 , 82, 99-107	2.9	22
209	Ionic Liquids in Bulk and at an Interface 2015 , 101-126		1
208	Antitumor Activity of Ionic Liquids Based on Ampicillin. <i>ChemMedChem</i> , 2015 , 10, 1480-3	3.7	47
207	Separation of azeotropic mixtures using high ionicity ionic liquids based on 1-ethyl-3-methylimidazolium thiocyanate. <i>Fluid Phase Equilibria</i> , 2015 , 389, 48-54	2.5	31
206	Influence of Different Inorganic Salts on the Ionicity and Thermophysical Properties of 1-Ethyl-3-methylimidazolium Acetate Ionic Liquid. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 781-789	2.8	17
205	Aggregation behavior and total miscibility of fluorinated ionic liquids in water. <i>Langmuir</i> , 2015 , 31, 1283-25	4.5	49
204	The role of water in cholinium carboxylate ionic liquid aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2015 , 84, 93-100	2.9	22
203	Investigating <i>Aspergillus nidulans</i> secretome during colonisation of cork cell walls. <i>Journal of Proteomics</i> , 2014 , 98, 175-88	3.9	18
202	Unveiling the dual role of the cholinium hexanoate ionic liquid as solvent and catalyst in suberin depolymerisation. <i>RSC Advances</i> , 2014 , 4, 2993-3002	3.7	34

201	Morphodynamic evolution of a sand extraction excavation offshore Vale do Lobo, Algarve, Portugal. <i>Coastal Engineering</i> , 2014 , 88, 75-87	4.8	5
200	The impact of ionic liquid fluorinated moieties on their thermophysical properties and aqueous phase behaviour. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 21340-8	3.6	28
199	Spontaneous emulsification in ionic liquid/water systems and its use for templating of solids. <i>Soft Matter</i> , 2014 , 10, 3798-805	3.6	13
198	Playing with ionic liquid mixtures to design engineered CO ₂ separation membranes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 17172-82	3.6	62
197	The alternation effect in ionic liquid homologous series. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 4033-8	3.6	32
196	Polymeric ionic liquid membranes containing ILAg ⁺ for ethylene/ethane separation via olefin-facilitated transport. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5631	13	65
195	Understanding the Role of Cholinium Carboxylate Ionic Liquids in PEG-Based Aqueous Biphasic Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 2426-2434	8.3	53
194	Insights into the Synthesis and Properties of Deep Eutectic Solvents Based on Cholinium Chloride and Carboxylic Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 2416-2425	8.3	391
193	Structural and functional evaluation of ionic liquid libraries for the design of co-solvents in lipase-catalysed reactions. <i>Green Chemistry</i> , 2014 , 16, 4520-4523	10	33
192	Ionic liquids in pharmaceutical applications. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2014 , 5, 527-46	8.9	269
191	Ex situ reconstitution of the plant biopolyester suberin as a film. <i>Biomacromolecules</i> , 2014 , 15, 1806-13	6.9	33
190	Molecular interactions in aqueous biphasic systems composed of polyethylene glycol and crystalline vs. liquid cholinium-based salts. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 5723-31	3.6	74
189	Cholinium-based ionic liquids with pharmaceutically active anions. <i>RSC Advances</i> , 2014 , 4, 28126-28132	3.7	71
188	Cholinium-based supported ionic liquid membranes: a sustainable route for carbon dioxide separation. <i>ChemSusChem</i> , 2014 , 7, 110-3	8.3	62
187	Novel organic salts based on fluoroquinolone drugs: synthesis, bioavailability and toxicological profiles. <i>International Journal of Pharmaceutics</i> , 2014 , 469, 179-89	6.5	36
186	Pyrrolidinium-based polymeric ionic liquid materials: New perspectives for CO ₂ separation membranes. <i>Journal of Membrane Science</i> , 2013 , 428, 260-266	9.6	136
185	Using ¹²⁹ Xe NMR to Probe the Structure of Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 2758-2762	6.4	24
184	Direct transformation of 5-hydroxymethylfurfural to the building blocks 2,5-dihydroxymethylfurfural (DHMF) and 5-hydroxymethyl furanoic acid (HMFA) via Cannizzaro reaction. <i>Green Chemistry</i> , 2013 , 15, 2849	10	100

183	CO ₂ separation applying ionic liquid mixtures: the effect of mixing different anions on gas permeation through supported ionic liquid membranes. <i>RSC Advances</i> , 2013 , 3, 12220	3.7	80
182	Shifts in the temperature of maximum density (TMD) of ionic liquid aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 10960-70	3.6	15
181	Systematic study of the thermophysical properties of imidazolium-based ionic liquids with cyano-functionalized anions. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 10271-83	3.4	153
180	High ionicity ionic liquids (HILs): comparing the effect of ethylsulfonate and ethylsulfate anions. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 18138-47	3.6	19
179	Microwave assisted extraction of betulin from birch outer bark. <i>RSC Advances</i> , 2013 , 3, 21285	3.7	11
178	On the formation of a third, nanostructured domain in ionic liquids. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 10826-33	3.4	84
177	Ionic Liquids as Additives for Extraction of Saponins and Polyphenols from Mate (<i>Ilex paraguariensis</i>) and Tea (<i>Camellia sinensis</i>). <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 12146-12153	3.9	46
176	Evaluation of solubility and partition properties of ampicillin-based ionic liquids. <i>International Journal of Pharmaceutics</i> , 2013 , 456, 553-9	6.5	72
175	(Liquid+liquid) equilibria of perfluorocarbons with fluorinated ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2013 , 64, 71-79	2.9	17
174	Polymeric ionic liquids with mixtures of counter-anions: a new straightforward strategy for designing pyrrolidinium-based CO ₂ separation membranes. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 10403	13	56
173	Unusual LCST-type behaviour found in binary mixtures of choline-based ionic liquids with ethers. <i>RSC Advances</i> , 2013 , 3, 10262	3.7	21
172	Combining ionic liquids and polyethylene glycols to boost the hydrophobic-hydrophilic range of aqueous biphasic systems. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 19580-3	3.6	75
171	Aqueous biphasic systems: a benign route using cholinium-based ionic liquids. <i>RSC Advances</i> , 2013 , 3, 1835-1843	3.7	121
170	Probing the self-aggregation of ionic liquids in aqueous solutions using density and speed of sound data. <i>Journal of Chemical Thermodynamics</i> , 2013 , 59, 43-48	2.9	14
169	Proteomic alterations induced by ionic liquids in <i>Aspergillus nidulans</i> and <i>Neurospora crassa</i> . <i>Journal of Proteomics</i> , 2013 , 94, 262-78	3.9	16
168	Gas Permeation Properties of Fluorinated Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 4994-5001	3.9	50
167	Fluorinated Ionic Liquids: Properties and Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 427-439	8.3	122
166	Thermophysical and magnetic studies of two paramagnetic liquid salts: [C ₄ mim][FeCl ₄] and [P6 6 6 14][FeCl ₄]. <i>Fluid Phase Equilibria</i> , 2013 , 350, 43-50	2.5	30

165	Deep eutectic solvents as extraction media for azeotropic mixtures. <i>Green Chemistry</i> , 2013 , 15, 1326	10	109
164	Isolation of suberin from birch outer bark and cork using ionic liquids: A new source of macromonomers. <i>Industrial Crops and Products</i> , 2013 , 44, 520-527	5.9	53
163	Hydrogen-bonding and the dissolution mechanism of uracil in an acetate ionic liquid: new insights from NMR spectroscopy and quantum chemical calculations. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 4109-20	3.4	26
162	Ionic liquids based aqueous biphasic systems: Effect of the alkyl chains in the cation versus in the anion. <i>Journal of Chemical Thermodynamics</i> , 2013 , 65, 106-112	2.9	15
161	Nucleic acid bases in 1-alkyl-3-methylimidazolium acetate ionic liquids: A thermophysical and ionic conductivity analysis. <i>Journal of Chemical Thermodynamics</i> , 2013 , 57, 1-8	2.9	59
160	Viscosity mixing rules for binary systems containing one ionic liquid. <i>ChemPhysChem</i> , 2013 , 14, 1956-68	3.2	10
159	Probing ionic liquid aqueous solutions using temperature of maximum density isotope effects. <i>Molecules</i> , 2013 , 18, 3703-11	4.8	2
158	Extraction of l-lactic, l-malic, and succinic acids using phosphonium-based ionic liquids. <i>Separation and Purification Technology</i> , 2012 , 85, 137-146	8.3	112
157	Ionic liquids in separations of azeotropic systems [A review]. <i>Journal of Chemical Thermodynamics</i> , 2012 , 46, 2-28	2.9	359
156	Insight into the interactions that control the phase behaviour of new aqueous biphasic systems composed of polyethylene glycol polymers and ionic liquids. <i>Chemistry - A European Journal</i> , 2012 , 18, 1831-9	4.8	144
155	Inorganic salts in purely ionic liquid media: the development of High Ionicity Ionic Liquids (HIILs). <i>Chemical Communications</i> , 2012 , 48, 3656-8	5.8	82
154	Ionic-liquid-based aqueous biphasic systems for improved detection of bisphenol A in human fluids. <i>Analytical Methods</i> , 2012 , 4, 2664	3.2	55
153	New CO ₂ Separation Membranes based on Pyrrolidinium Ionic Materials. <i>Procedia Engineering</i> , 2012 , 44, 1583-1584		
152	Partition Coefficients of Alkaloids in Biphasic Ionic-Liquid-Aqueous Systems and their Dependence on the Hofmeister Series. <i>Separation Science and Technology</i> , 2012 , 47, 284-291	2.5	31
151	Hollow calcite rhombohedra at ionic liquid-stabilized bubbles. <i>CrystEngComm</i> , 2012 , 14, 5723	3.3	3
150	Liquid-liquid equilibrium of cholinium-derived bistriflimide ionic liquids with water and octanol. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9186-95	3.4	29
149	Solubility of inorganic salts in pure ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2012 , 55, 29-36	2.9	62
148	Alkyltributylphosphonium chloride ionic liquids: synthesis, physicochemical properties and crystal structure. <i>Dalton Transactions</i> , 2012 , 41, 8316-32	4.3	60

147	Aqueous biphasic systems: a boost brought about by using ionic liquids. <i>Chemical Society Reviews</i> , 2012 , 41, 4966-95	58.5	610
146	Extraction of <i>Candida antarctica</i> lipase A from aqueous solutions using imidazolium-based ionic liquids. <i>Separation and Purification Technology</i> , 2012 , 97, 205-210	8.3	50
145	Impact of self-aggregation on the formation of ionic-liquid-based aqueous biphasic systems. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7660-8	3.4	51
144	Unravelling the mechanism of toxicity of alkyltributylphosphonium chlorides in <i>Aspergillus nidulans</i> conidia. <i>New Journal of Chemistry</i> , 2012 , 36, 56-63	3.6	53
143	Quantification of sediments accumulated in the NW sector of Trás-os-Montes e Alto Douro Peninsula (Portugal) between 1928 and 1995. <i>Journal of Coastal Conservation</i> , 2012 , 16, 261-268	1.9	2
142	Suberin isolation from cork using ionic liquids: characterisation of ensuing products. <i>New Journal of Chemistry</i> , 2012 , 36, 2014	3.6	45
141	Development of novel ionic liquids based on ampicillin. <i>MedChemComm</i> , 2012 , 3, 494	5	83
140	Hofmeister effects of ionic liquids in protein crystallization: Direct and water-mediated interactions. <i>CrystEngComm</i> , 2012 , 14, 4912	3.3	32
139	Surface tension of ionic liquids and ionic liquid solutions. <i>Chemical Society Reviews</i> , 2012 , 41, 829-68	58.5	318
138	Density, thermal expansion and viscosity of cholinium-derived ionic liquids. <i>ChemPhysChem</i> , 2012 , 13, 1902-9	3.2	75
137	Phosphonium-based ionic liquids as modifiers for biomedical grade poly(vinyl chloride). <i>Acta Biomaterialia</i> , 2012 , 8, 1366-79	10.8	57
136	High-accuracy vapor pressure data of the extended [C(n)C1im][Ntf2] ionic liquid series: trend changes and structural shifts. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10919-26	3.4	182
135	Polarity, viscosity, and ionic conductivity of liquid mixtures containing [C4C1im][Ntf2] and a molecular component. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 6088-99	3.4	141
134	Solvation of nucleobases in 1,3-dialkylimidazolium acetate ionic liquids: NMR spectroscopy insights into the dissolution mechanism. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10739-49	3.4	25
133	Mixtures of Pyridine and Nicotine with Pyridinium-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4356-4363	2.8	11
132	Alkyltrioctylphosphonium chloride ionic liquids: synthesis and physicochemical properties. <i>Dalton Transactions</i> , 2011 , 40, 12750-64	4.3	69
131	Aqueous biphasic systems composed of a water-stable ionic liquid + carbohydrates and their applications. <i>Green Chemistry</i> , 2011 , 13, 1536	10	162
130	Ionic liquids: a pathway to environmental acceptability. <i>Chemical Society Reviews</i> , 2011 , 40, 1383-403	58.5	931

129	Densities and Viscosities of 1-Ethyl-3-methylimidazolium n-Alkyl Sulfates. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3433-3441	2.8	86
128	Surface hydrophobization of bacterial and vegetable cellulose fibers using ionic liquids as solvent media and catalysts. <i>Green Chemistry</i> , 2011 , 13, 2464	10	61
127	Ionic liquid-based aqueous biphasic system for lipase extraction. <i>Green Chemistry</i> , 2011 , 13, 390-396	10	111
126	Viscosity of (C ₂ -C ₁₄) 1-alkyl-3-methylimidazolium bis(trifluoromethylsulfonyl)amide ionic liquids in an extended temperature range. <i>Fluid Phase Equilibria</i> , 2011 , 301, 22-32	2.5	191
125	Protein stability in an ionic liquid milieu: on the use of differential scanning fluorimetry. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 13614-6	3.6	62
124	Impact of ionic liquids on extreme microbial biotypes from soil. <i>Green Chemistry</i> , 2011 , 13, 687	10	52
123	On the Use of Ionic Liquids To Tune Crystallization. <i>Crystal Growth and Design</i> , 2011 , 11, 684-691	3.5	18
122	Effect of alkyl chain length on the adsorption and frictional behaviour of 1-alkyl-3-methylimidazolium chloride ionic liquid surfactants on gold surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 377, 361-366	5.1	13
121	Characteristics of aggregation in aqueous solutions of dialkylpyrrolidinium bromides. <i>Journal of Colloid and Interface Science</i> , 2011 , 360, 606-16	9.3	31
120	Aqueous biphasic systems involving alkylsulfate-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 1565-1572	2.9	44
119	First exploratory descriptive study on adherence to and compliance with the Portuguese smoke-free law in the leisure-hospitality sector. <i>Tobacco Control</i> , 2010 , 19, 171-2	5.3	7
118	Assessing the dispersive and electrostatic components of the cohesive energy of ionic liquids using molecular dynamics simulations and molar refraction data. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5831-4	3.4	83
117	New insight into phase equilibria involving imidazolium bistriflamide ionic liquids and their mixtures with alcohols and water. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 8978-85	3.4	14
116	Volatility of Aprotic Ionic Liquids [A Review]. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3-12	2.8	259
115	Solubility of alkanes, alkanols and their fluorinated counterparts in tetraalkylphosphonium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 9685-92	3.6	42
114	¹ H NMR and molecular dynamics evidence for an unexpected interaction on the origin of salting-in/salting-out phenomena. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 2004-14	3.4	109
113	Raman spectroscopic study of the vapor phase of 1-methylimidazolium ethanoate, a protic ionic liquid. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 10834-41	2.8	32
112	Phase equilibria of haloalkanes dissolved in ethylsulfate- or ethylsulfonate-based ionic liquids. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 7329-37	3.4	23

111	The nature of protic ionic liquids in the gas phase revisited: Fourier transform ion cyclotron resonance mass spectrometry study of 1,1,3,3-tetramethylguanidinium chloride. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 8905-9	3.4	28
110	Dissolution of cork biopolymers in biocompatible ionic liquids. <i>Green Chemistry</i> , 2010 , 12, 367	10	113
109	High-performance extraction of alkaloids using aqueous two-phase systems with ionic liquids. <i>Green Chemistry</i> , 2010 , 12, 1715	10	194
108	Rationalizing the diverse solid-liquid equilibria of binary mixtures of benzene and its fluorinated derivatives. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12589-96	3.4	3
107	Structural and Positional Isomerism Influence in the Physical Properties of Pyridinium NTF ₂ -Based Ionic Liquids: Pure and Water-Saturated Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4514-4520	2.8	104
106	Mutual solubility of water and structural/positional isomers of N-alkylpyridinium-based ionic liquids. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 15925-34	3.4	69
105	Ionic liquids and reactive azeotropes: the continuity of the aprotic and protic classes. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1948-52	3.6	24
104	On the Merge of Fungal Activity with Ionic Liquids towards the Development of New Biotechnological Processes. <i>ACS Symposium Series</i> , 2010 , 197-207	0.4	
103	Novel biocompatible cholinium-based ionic liquids: Toxicity and biodegradability. <i>Green Chemistry</i> , 2010 , 12, 643	10	421
102	Three commentaries on the nano-segregated structure of ionic liquids. <i>Computational and Theoretical Chemistry</i> , 2010 , 946, 70-76		146
101	Vaporisation of a dicationic ionic liquid revisited. <i>ChemPhysChem</i> , 2010 , 11, 3673-7	3.2	22
100	Binary mixtures of ionic liquids with a common ion revisited: A molecular dynamics simulation study. <i>Journal of Molecular Liquids</i> , 2010 , 153, 52-56	6	70
99	High-temperature surface tension and density measurements of 1-alkyl-3-methylimidazolium bistriflamide ionic liquids. <i>Fluid Phase Equilibria</i> , 2010 , 294, 131-138	2.5	126
98	Studies on the density, heat capacity, surface tension and infinite dilution diffusion with the ionic liquids [C ₄ mim][NTf ₂], [C ₄ mim][dca], [C ₂ mim][EtOSO ₃] and [Aliquat][dca]. <i>Fluid Phase Equilibria</i> , 2010 , 294, 157-179	2.5	155
97	Internal activity: localisation, compositional associations and effects on OSL signals in quartz approaching saturation. <i>Radiation Measurements</i> , 2009 , 44, 494-500	1.5	7
96	Densities and refractive indices of imidazolium- and phosphonium-based ionic liquids: Effect of temperature, alkyl chain length, and anion. <i>Journal of Chemical Thermodynamics</i> , 2009 , 41, 790-798	2.9	335
95	On the role of the dipole and quadrupole moments of aromatic compounds in the solvation by ionic liquids. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 9894-900	3.4	81
94	Bridging the gap between ionic liquids and molten salts: group 1 metal salts of the bistriflamide anion in the gas phase. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 3491-8	3.4	24

93	Phase equilibria in ionic liquid-aromatic compound mixtures, including benzene fluorination effects. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 7631-6	3.4	31
92	Thermodynamic and thermophysical properties of the reference ionic liquid: 1-Hexyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]amide (including mixtures). Part 1. Experimental methods and results (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2009 , 81, 781-790	2.1	104
91	Exploring fungal activity in the presence of ionic liquids. <i>Green Chemistry</i> , 2009 , 11, 889	10	100
90	Ion specific effects on the mutual solubilities of water and hydrophobic ionic liquids. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 202-11	3.4	168
89	1-Alkyl-3-methylimidazolium alkanesulfonate ionic liquids, [C(n)H(2)(n)(+1)mim][C(k)H(2)(k)(+1)SO(3)]: synthesis and physicochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 8939-48	3.6	67
88	Isotope Effects 2009 ,		34
87	New cationic surfactants based on 1-alkyl-3-methylimidazolium alkylsulfonates, [C(n)H(2n+1)mim][C(m)H(2m+1)SO(3)]: mesomorphism and aggregation. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 4260-8	3.6	103
86	Solubility of fluorinated compounds in a range of ionic liquids. Cloud-point temperature dependence on composition and pressure. <i>Green Chemistry</i> , 2008 , 10, 918	10	34
85	Pressure-Density-Temperature (p ρ T) Surface of [C6mim][NTf2]. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 867-870	2.8	62
84	Interactions of fluorinated gases with ionic liquids: solubility of CF ₄ , C ₂ F ₆ , and C ₃ F ₈ in trihexyltetradecylphosphonium bis(trifluoromethylsulfonyl)amide. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12394-400	3.4	44
83	Biodegradable Polymer-Phase Behavior: Liquid-Liquid Equilibrium of Ethyl Lactate and Poly(Lactic Acid). <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 588-590	2.8	8
82	On the self-aggregation and fluorescence quenching aptitude of surfactant ionic liquids. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 8645-50	3.4	152
81	Self-aggregation of ionic liquids: micelle formation in aqueous solution. <i>Green Chemistry</i> , 2007 , 9, 481	10	496
80	Liquid phase behavior of perfluoroalkylalkane surfactants. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 2856-63	3.4	46
79	Salting-out effects in aqueous ionic liquid solutions: cloud-point temperature shifts. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4737-41	3.4	92
78	Nicotine: on the potential role of ionic liquids for its processing and purification. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 7934-7	3.4	15
77	The nature of ionic liquids in the gas phase. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 6176-82	2.8	188
76	Liquid-Liquid equilibrium of (1H,1H,7H-perfluoroheptan-1-ol+perfluoroalkane) binary mixtures. <i>Fluid Phase Equilibria</i> , 2007 , 251, 33-40	2.5	12

75	Ionic Liquids in Polyethylene Glycol Aqueous Solutions: Salting-in and Salting-out Effects. <i>Monatshefte für Chemie</i> , 2007 , 138, 1153-1157	1.4	58
74	Co-solvent effects in LLE of 1-hydroxyethyl-3-methylimidazolium based ionic liquids+2-propanol+dichloromethane or 1,2-dichloroethane. <i>Fluid Phase Equilibria</i> , 2007 , 254, 35-41	2.5	30
73	Isotope effects on VLE properties of fluids and corresponding states: Critical point shifts on isotopic substitution. <i>Fluid Phase Equilibria</i> , 2007 , 257, 35-52	2.5	10
72	Solution thermodynamics near the liquid-liquid critical point. <i>Fluid Phase Equilibria</i> , 2007 , 258, 7-15	2.5	19
71	Salting-out in Aqueous Solutions of Ionic Liquids and K ₃ PO ₄ : Aqueous Biphasic Systems and Salt Precipitation. <i>International Journal of Molecular Sciences</i> , 2007 , 8, 736-748	6.3	78
70	Accounting for the unique, doubly dual nature of ionic liquids from a molecular thermodynamic and modeling standpoint. <i>Accounts of Chemical Research</i> , 2007 , 40, 1114-21	24.3	201
69	Ionic liquids: first direct determination of their cohesive energy. <i>Journal of the American Chemical Society</i> , 2007 , 129, 284-5	16.4	278
68	Chapter 7: Isotope Effects on Solubility 2007 , 78-93		2
67	Fluid-Phase Behavior of {1-Hexyl-3-methylimidazolium Bis(trifluoromethylsulfonyl) Imide, [C ₆ mim][NTf ₂], + C ₂ -C ₈ n-Alcohol} Mixtures: Liquid-Liquid Equilibrium and Excess Volumes <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 2215-2221	2.8	96
66	Thermodynamic Properties of Imidazolium-Based Ionic Liquids: Densities, Heat Capacities, and Enthalpies of Fusion of [bmim][PF ₆] and [bmim][NTf ₂]. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1856-1859	2.8	240
65	Changing from an unusual high-temperature demixing to a UCST-type in mixtures of 1-alkyl-3-methylimidazolium bis((trifluoromethyl)sulfonyl)amide and arenes. <i>Green Chemistry</i> , 2006 , 8, 262	10	113
64	Density, Speed of Sound, and Derived Thermodynamic Properties of Ionic Liquids over an Extended Pressure Range. 4. [C ₃ mim][NTf ₂] and [C ₅ mim][NTf ₂]. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 2009-2015	2.8	124
63	Densities and Derived Thermodynamic Properties of Ionic Liquids. 3. Phosphonium-Based Ionic Liquids over an Extended Pressure Range. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 237-242	2.8	168
62	A simple quantum statistical thermodynamics interpretation of an impressive phase diagram pressure shift upon (H/D) isotopic substitution in water + 3-methylpyridine. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 1377-87	3.4	4
61	The distillation and volatility of ionic liquids. <i>Nature</i> , 2006 , 439, 831-4	50.4	1732
60	Liquid-Liquid equilibrium of (perfluoroalkane+alkane) binary mixtures. <i>Fluid Phase Equilibria</i> , 2006 , 242, 210-219	2.5	45
59	Condensed phase behaviour of ionic liquid-benzene mixtures: congruent melting of a [emim][NTf ₂].C ₆ H ₆ inclusion crystal. <i>Chemical Communications</i> , 2006 , 2445-7	5.8	93
58	Deviations from ideality in mixtures of two ionic liquids containing a common ion. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 3519-25	3.4	236

57	Evidence for lower critical solution behavior in ionic liquid solutions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 6542-3	16.4	121
56	Phase Behavior and Thermodynamic Properties of Ionic Liquids, Ionic Liquid Mixtures, and Ionic Liquid Solutions. <i>ACS Symposium Series</i> , 2005 , 270-291	0.4	28
55	Thermophysical and Thermodynamic Properties of 1-Butyl-3-methylimidazolium Tetrafluoroborate and 1-Butyl-3-methylimidazolium Hexafluorophosphate over an Extended Pressure Range. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 997-1008	2.8	187
54	Liquid-liquid behaviour of ionic liquid-1-butanol-water and high pressure CO ₂ -induced phase changes. <i>Green Chemistry</i> , 2005 , 7, 443	10	76
53	Thermophysical and thermodynamic properties of ionic liquids over an extended pressure range: [bmim][NTf ₂] and [hmim][NTf ₂]. <i>Journal of Chemical Thermodynamics</i> , 2005 , 37, 888-899	2.9	270
52	On the critical temperature, normal boiling point, and vapor pressure of ionic liquids. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 6040-3	3.4	439
51	Deuterium isotope differences in 2-propanone, (CH ₃) ₂ CO/(CD ₃) ₂ CO: a high-pressure sound-speed, density, and heat capacities study. <i>Journal of Chemical Thermodynamics</i> , 2005 , 37, 671-683	2.9	6
50	Phase Equilibrium in Complex Liquids under Negative Pressure 2004 , 177-189		
49	A novel non-intrusive microcell for sound-speed measurements in liquids. Speed of sound and thermodynamic properties of 2-propanone at pressures up to 160 MPa. <i>Journal of Chemical Thermodynamics</i> , 2004 , 36, 211-222	2.9	41
48	A detailed thermodynamic analysis of [C ₄ mim][BF ₄] + water as a case study to model ionic liquid aqueous solutions. <i>Green Chemistry</i> , 2004 , 6, 369-381	10	311
47	Supercritical carbon dioxide-induced phase changes in (ionic liquid, water and ethanol mixture) solutions: application to biphasic catalysis. <i>ChemPhysChem</i> , 2003 , 4, 520-2	3.2	44
46	Viscosity and ultrasonic studies of poly(N-isopropylacrylamide)-water solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 1219-1233	2.6	30
45	Membrane osmometer for use at moderate applied pressures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 3064-3069	2.6	3
44	The Hidden Phase Diagram of Water + 3-Methylpyridine at Large Absolute Negative Pressures. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 9837-9846	3.4	21
43	Pressure, Isotope, and Water Co-solvent Effects in Liquid-liquid Equilibria of (Ionic Liquid + Alcohol) Systems. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 12797-12807	3.4	150
42	Solvent H/D isotope effects on miscibility and temperature in the polystyrene-cyclohexane system. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 2996-3002	3.6	24
41	Calculation of vapor pressure isotope effects in the rare gases and their mixtures using an integral equation theory. <i>Journal of Chemical Physics</i> , 2003 , 118, 5028-5037	3.9	17
40	Isotopic krypton mixtures revisited: Vapor pressure isotope effects. <i>Journal of Chemical Physics</i> , 2002 , 117, 8836-8841	3.9	2

39	Double Critical Phenomena in (Water + Polyacrylamides) Solutions. <i>Macromolecules</i> , 2002 , 35, 1887-1895	5.5	60
38	Achieving Absolute Negative Pressures in Liquids: Precipitation Phenomena in Solution. <i>Journal of Chemical Education</i> , 2002 , 79, 869	2.4	10
37	Phase behaviour of room temperature ionic liquid solutions: an unusually large co-solvent effect in (water + ethanol). <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 1701-1703	3.6	208
36	Two ways of looking at Prigogine and Defay's equation. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 2251-2259	3.6	31
35	Metastable critical lines in (acetone + polystyrene) solutions and the continuity of solvent-quality states. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 1046-1052	3.6	13
34	Measuring the Properties of Liquids and Liquid Mixtures at Absolute Negative Pressures 2002 , 95-108		1
33	Phase behavior of (polyacrylamides + water) solutions: concentration, pressure and isotope effects. <i>Fluid Phase Equilibria</i> , 2001 , 185, 189-198	2.5	68
32	Water and Gallium at Absolute Negative Pressures. Loci of Maximum Density and of Melting. <i>International Journal of Thermophysics</i> , 2001 , 22, 1159-1174	2.1	9
31	Deviations from ideal behavior in isotopic mixtures of ammonia. <i>Journal of Chemical Physics</i> , 2001 , 115, 5546-5553	3.9	2
30	An Interpretation of the Vapor Phase Second Virial Coefficient Isotope Effect: Correlation of Virial Coefficient and Vapor Pressure Isotope Effects. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 9284-9297	2.8	8
29	A continuous polydisperse thermodynamic algorithm for a modified Flory-Huggins model: The (polystyrene + nitroethane) example 2000 , 38, 632-651		34
28	(Liquid + liquid) equilibria of (polystyrene + nitroethane). Molecular weight, pressure, and isotope effects. <i>Journal of Chemical Thermodynamics</i> , 2000 , 32, 355-387	2.9	22
27	Evidence for nonideality in the fundamental liquid mixture (36Ar+40Ar). <i>Journal of Chemical Physics</i> , 2000 , 113, 8706-8716	3.9	6
26	Non-ideality of an "ideal" liquid mixture: (36Ar+40Ar). <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 1095-1097	3.9	7
25	Vapor Pressure and Related Thermodynamic Properties of 36Ar. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 8735-8742	3.4	8
24	A simple GE-model for generating all basic types of binary liquid-liquid equilibria and their pressure dependence. Thermodynamic constraints at critical loci. <i>Physical Chemistry Chemical Physics</i> , 1999 , 1, 4277-4286	3.6	36
23	Correlation Radii for Polystyrene (PS) in Poor and ? Solvents from Dynamic Light and Small Angle Neutron Scattering. New Data for PS/Acetone. Remarks on PS/Acetone, PS/Cyclohexane, and PS/Methylcyclohexane. <i>Macromolecules</i> , 1999 , 32, 7312-7318	5.5	8
22	Dynamic Light Scattering of Polymer/Solvent Solutions Under Pressure. Near-Critical Demixing (0.1 Macromolecules, 1999 , 32, 7299-7311	5.5	10

21	Singularity-free interpretation of the thermodynamics of supercooled water. II. Thermal and volumetric behavior. <i>Journal of Chemical Physics</i> , 1998 , 109, 626-633	3.9	109
20	Thermodynamics of Negative Pressures in Liquids. <i>Journal of Non-Equilibrium Thermodynamics</i> , 1998 , 23,	3.8	47
19	Thermodynamics of binary liquid mixtures of partially deuterated methanes with CH ₄ or CD ₄ . <i>Journal of Chemical Physics</i> , 1997 , 106, 8799-8805	3.9	5
18	Vapor pressure of partially deuterated methanes (CH ₃ D, CH ₂ D ₂ , and CHD ₃). <i>Journal of Chemical Physics</i> , 1997 , 106, 8792-8798	3.9	9
17	Hypercritically enhanced distortion of a phase diagram: The (polystyrene + acetaldehyde) system 1997 , 35, 631-637		5
16	Hypercritically enhanced distortion of a phase diagram: The (polystyrene + acetaldehyde) system 1997 , 35, 631		1
15	Isotope and pressure dependence of liquid-liquid equilibria in polymer solutions. 5. Measurements of solute and solvent isotope effects in polystyrene-acetone and polystyrene-methylcyclopentane. 6. A continuous polydisperse thermodynamic interpretation of demixing measurements in polystyrene-acetone and polystyrene-methylcyclopentane solutions. <i>Macromolecules</i> , 1995 , 28, 745-767	5.5	33
14	The Excess Molar Gibbs Energy of Nuclidic Liquid Mixtures. <i>Zeitschrift Fur Elektrochemie Und Elektrochemie</i> , 1995 , 99, 721-729		5
13	Non-ideality in isotopic mixtures. <i>Chemical Society Reviews</i> , 1994 , 23, 257-264	58.5	18
12	The excess thermodynamic properties of liquid (CH ₄ +CD ₄). <i>Journal of Chemical Physics</i> , 1994 , 100, 4582-4590	3.9	18
11	Isotope effects in solution thermodynamics: excess properties in solutions of isotopomers. <i>Chemical Reviews</i> , 1993 , 93, 2645-2666	68.1	59
10	An unusual phase diagram: The polystyrene/acetone system in its hypercritical region; near tricritical behavior in a pseudobinary solution. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1993 , 31, 895-897	2.6	13
9	A new apparatus for the detection of phase equilibria in polymer solvent systems by light scattering. <i>Review of Scientific Instruments</i> , 1992 , 63, 1717-1725	1.7	43
8	Vapour pressure of trideuterioammonia. <i>Journal of Chemical Thermodynamics</i> , 1992 , 24, 993-1000	2.9	6
7	On the pseudo-Grüneisen parameters of molecular liquids. <i>Journal of Molecular Liquids</i> , 1992 , 54, 115-1246		10
6	Effect of deuterium substitution on the vapour pressure of dichloromethane. <i>Fluid Phase Equilibria</i> , 1990 , 55, 147-158	2.5	2
5	Vapor pressure of tetradeuteriomethane. <i>The Journal of Physical Chemistry</i> , 1989 , 93, 3355-3360		12
4	Excess enthalpies of liquid (ethene + xenon) at 162.9 K. <i>Journal of Chemical Thermodynamics</i> , 1987 , 19, 35-38	2.9	7

- 3 Thermodynamics of liquid (dimethylether + xenon). *Journal of Chemical Thermodynamics*, **1986**, 18, 931-938 20
- 2 Thermodynamic properties of liquid mixtures of krypton and xenon. *The Journal of Physical Chemistry*, **1986**, 90, 1892-1896 11
- 1 How Hydrophilic Ionic Liquids Behave in Aqueous Solutions 37-48