Andrew Abbott

List of Publications by Year
in descending order

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202 papers	29,561 citations	15495 65 h-index	4880 168 g-index
239 all docs	239 docs citations	239 times ranked	14075 citing authors

#	Article	IF	Citations
1	Controlled release of pharmaceutical agents using eutectic modified gelatin. Drug Delivery and Translational Research, 2022, 12, 1187-1194.	3.0	13
2	Calcium chloride-based systems for metal electrodeposition. Electrochimica Acta, 2022, 402, 139560.	2.6	16
3	Chemical Dissolution of Chalcopyrite Concentrate in Choline Chloride Ethylene Glycol Deep Eutectic Solvent. Minerals (Basel, Switzerland), 2022, 12, 65.	0.8	9
4	Debondable adhesives and their use in recycling. Green Chemistry, 2022, 24, 36-61.	4.6	50
5	Catalytic dissolution of metals from printed circuit boards using a calcium chlorideâ€"based deep eutectic solvent. Green Chemistry, 2022, 24, 3023-3034.	4.6	13
6	Gelatin and Alginate Binders for Simplified Battery Recycling. Journal of Physical Chemistry C, 2022, 126, 8489-8498.	1.5	11
7	Influence of the Alkali-promoted phase transformation in monazite for selective recovery of rare-oxides using deep eutectic solvents. Minerals Engineering, 2022, 182, 107564.	1.8	3
8	Separation of nickel from cobalt and manganese in lithium ion batteries using deep eutectic solvents. Green Chemistry, 2022, 24, 4877-4886.	4.6	39
9	Deep eutectic solvents and their application in electrochemistry. Current Opinion in Green and Sustainable Chemistry, 2022, 36, 100649.	3.2	41
10	Deep eutectic solventsâ€"Teaching nature lessons that it knew already. Advances in Botanical Research, 2021, 97, 1-16.	0.5	6
11	Deep eutectic solvents: alternative reaction media for organic oxidation reactions. Reaction Chemistry and Engineering, 2021, 6, 582-598.	1.9	57
12	Lithium ion battery recycling using high-intensity ultrasonication. Green Chemistry, 2021, 23, 4710-4715.	4.6	55
13	Amidine-based ionic liquid analogues with AlCl₃: a credible new electrolyte for rechargeable Al batteries. Chemical Communications, 2021, 57, 9834-9837.	2.2	7
14	Effect of solute polarity on extraction efficiency using deep eutectic solvents. Green Chemistry, 2021, 23, 5097-5105.	4.6	28
15	A Unified Method for the Recovery of Metals from Chalcogenides. ACS Sustainable Chemistry and Engineering, 2021, 9, 2929-2936.	3.2	5
16	23Na NMR T1 relaxation measurements as a probe for diffusion and dynamics of sodium ions in saltâ€"glycerol mixtures. Journal of Chemical Physics, 2021, 154, 224501.	1.2	6
17	Corrosion of iron, nickel and aluminium in deep eutectic solvents. Electrochimica Acta, 2021, 397, 139284.	2.6	11
18	To shred or not to shred: A comparative techno-economic assessment of lithium ion battery hydrometallurgical recycling retaining value and improving circularity in LIB supply chains. Resources, Conservation and Recycling, 2021, 175, 105741.	5.3	59

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19	Deep eutectic solventsâ€"The vital link between ionic liquids and ionic solutions. Journal of Chemical Physics, 2021, 155, 150401.	1.2	45
20	3-D printed polyvinyl alcohol matrix for detection of airborne pathogens in respiratory bacterial infections. Microbiological Research, 2020, 241, 126587.	2.5	7
21	Gamma-phase Zn-Ni alloy deposition by pulse-electroplating from a modified deep eutectic solution. Surface and Coatings Technology, 2020, 403, 126434.	2.2	17
22	The importance of design in lithium ion battery recycling â€" a critical review. Green Chemistry, 2020, 22, 7585-7603.	4.6	190
23	Mechanical properties of 3-D printed polyvinyl alcohol matrix for detection of respiratory pathogens. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104066.	1.5	4
24	Recovery of yttrium and europium from spent fluorescent lamps using pure levulinic acid and the deep eutectic solvent levulinic acidâ€"choline chloride. RSC Advances, 2020, 10, 28879-28890.	1.7	33
25	The effect of pH and hydrogen bond donor on the dissolution of metal oxides in deep eutectic solvents. Green Chemistry, 2020, 22, 5476-5486.	4.6	92
26	Investigating the dissolution of iron sulfide and arsenide minerals in deep eutectic solvents. Hydrometallurgy, 2020, 198, 105511.	1.8	13
27	Separation of iron(<scp>iii</scp>), zinc(<scp>ii</scp>) and lead(<scp>ii</scp>) from a choline chlorideâ€"ethylene glycol deep eutectic solvent by solvent extraction. RSC Advances, 2020, 10, 33161-33170.	1.7	18
28	Electrochemical oxidation as alternative for dissolution of metal oxides in deep eutectic solvents. Green Chemistry, 2020, 22, 8360-8368.	4.6	34
29	Iron(III) chloride and acetamide eutectic for the electrodeposition of iron and iron based alloys. Electrochimica Acta, 2020, 351, 136414.	2.6	13
30	Mechanism of selective gold extraction from multi-metal chloride solutions by electrodeposition-redox replacement. Green Chemistry, 2020, 22, 3615-3625.	4.6	26
31	Experimental Visualization of Commercial Lithium Ion Battery Cathodes: Distinguishing Between the Microstructure Components Using Atomic Force Microscopy. Journal of Physical Chemistry C, 2020, 124, 14622-14631.	1.5	9
32	Evidence supporting an emulsion polymerisation mechanism for the formation of polyaniline. Electrochimica Acta, 2020, 354, 136737.	2.6	15
33	Nanoscale Clustering of Alcoholic Solutes in Deep Eutectic Solvents Studied by Nuclear Magnetic Resonance and Dynamic Light Scattering. ACS Sustainable Chemistry and Engineering, 2019, 7, 15086-15092.	3.2	26
34	Solvation of carbohydrates in five choline chloride-based deep eutectic solvents and the implication for cellulose solubility. Green Chemistry, 2019, 21, 4673-4682.	4.6	63
35	Potential Dependence of Surfactant Adsorption at the Graphite Electrode/Deep Eutectic Solvent Interface. Journal of Physical Chemistry Letters, 2019, 10, 5331-5337.	2.1	6
36	Effect of water on the electrodeposition of copper on nickel in deep eutectic solvents. Transactions of the Institute of Metal Finishing, 2019, 97, 321-329.	0.6	30

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37	Globular and Fibrous Proteins Modified with Deep Eutectic Solvents: Materials for Drug Delivery. Molecules, 2019, 24, 3583.	1.7	18
38	Influence of additives on the electrodeposition of zinc from a deep eutectic solvent. Electrochimica Acta, 2019, 304, 118-130.	2.6	83
39	Direct extraction of copper from copper sulfide minerals using deep eutectic solvents. Green Chemistry, 2019, 21, 6502-6512.	4.6	57
40	Recycling lithium-ion batteries from electric vehicles. Nature, 2019, 575, 75-86.	13.7	1,699
41	Nanostructure of the deep eutectic solvent/platinum electrode interface as a function of potential and water content. Nanoscale Horizons, 2019, 4, 158-168.	4.1	67
42	Shifting Desulfurization Equilibria in Ionic Liquidâ€"Oil Mixtures. Energy & Fuels, 2019, 33, 1106-1113.	2.5	12
43	Environmentally Sustainable Solvent-based Process Chemistry for Metals in Printed Circuit Boards. Issues in Environmental Science and Technology, 2019, , 278-312.	0.4	1
44	Redox fusion of metal particles using deep eutectic solvents. Chemical Communications, 2018, 54, 3049-3052.	2.2	9
45	BrÃ¸nsted acidity in deep eutectic solvents and ionic liquids. Faraday Discussions, 2018, 206, 365-377.	1.6	75
46	Electrochemistry: general discussion. Faraday Discussions, 2018, 206, 405-426.	1.6	13
47	Ionic liquids at interfaces: general discussion. Faraday Discussions, 2018, 206, 549-586.	1.6	0
48	Study of silver electrodeposition in deep eutectic solvents using atomic force microscopy. Transactions of the Institute of Metal Finishing, 2018, 96, 297-303.	0.6	7
49	Electropolishing of nickel and cobalt in deep eutectic solvents. Transactions of the Institute of Metal Finishing, 2018, 96, 200-205.	0.6	42
50	Paint casting: A facile method of studying mineral electrochemistry. Electrochemistry Communications, 2017, 76, 20-23.	2.3	18
51	Bright metal coatings from sustainable electrolytes: the effect of molecular additives on electrodeposition of nickel from a deep eutectic solvent. Physical Chemistry Chemical Physics, 2017, 19, 3219-3231.	1.3	69
52	Thermoplastic starchâ€"polyethylene blends homogenised using deep eutectic solvents. RSC Advances, 2017, 7, 7268-7273.	1.7	32
53	In-situ activation of self-supported 3D hierarchically porous Ni3S2 films grown on nanoporous copper as excellent pH-universal electrocatalysts for hydrogen evolution reaction. Nano Energy, 2017, 36, 85-94.	8.2	211
54	Thermodynamics of phase transfer for polar molecules from alkanes to deep eutectic solvents. Fluid Phase Equilibria, 2017, 448, 99-104.	1.4	55

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55	Liquid pharmaceuticals formulation by eutectic formation. Fluid Phase Equilibria, 2017, 448, 2-8.	1.4	91
56	Dissolution of pyrite and other Feâ€"Sâ€"As minerals using deep eutectic solvents. Green Chemistry, 2017, 19, 2225-2233.	4.6	43
57	Lubrication studies of some type III deep eutectic solvents (DESs). AIP Conference Proceedings, 2017, , .	0.3	9
58	Phase behaviour and thermodynamics: general discussion. Faraday Discussions, 2017, 206, 113-139.	1.6	8
59	Electrodeposition of copperâ€"tin alloys using deep eutectic solvents. Transactions of the Institute of Metal Finishing, 2016, 94, 104-113.	0.6	53
60	Do group 1 metal salts form deep eutectic solvents?. Physical Chemistry Chemical Physics, 2016, 18, 25528-25537.	1.3	43
61	Facile fabrication of nickel nanostructures on a copper-based template via a galvanic replacement reaction in a deep eutectic solvent. Electrochemistry Communications, 2016, 70, 60-64.	2.3	48
62	Efficient continuous synthesis of high purity deep eutectic solvents by twin screw extrusion. Chemical Communications, 2016, 52, 4215-4218.	2.2	111
63	The application of deep eutectic solvent ionic liquids for environmentally-friendly dissolution and recovery of precious metals. Minerals Engineering, 2016, 87, 18-24.	1.8	154
64	Molecular and ionic diffusion in aqueous â€" deep eutectic solvent mixtures: probing inter-molecular interactions using PFG NMR. Physical Chemistry Chemical Physics, 2015, 17, 15297-15304.	1.3	204
65	Electrochemical fabrication of nanoporous copper films in choline chlorideâ€"urea deep eutectic solvent. Physical Chemistry Chemical Physics, 2015, 17, 14702-14709.	1.3	48
66	Anodic dissolution of metals in ionic liquids. Progress in Natural Science: Materials International, 2015, 25, 595-602.	1.8	105
67	A Comparative Study of Nickel Electrodeposition Using Deep Eutectic Solvents and Aqueous Solutions. Electrochimica Acta, 2015, 176, 718-726.	2.6	164
68	Processing of Leather Using Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2015, 3, 1241-1247.	3.2	36
69	Electrocatalytic recovery of elements from complex mixtures using deep eutectic solvents. Green Chemistry, 2015, 17, 2172-2179.	4.6	70
70	Aluminium electrodeposition under ambient conditions. Physical Chemistry Chemical Physics, 2014, 16, 14675-14681.	1.3	125
71	Speciation, physical and electrolytic properties of eutectic mixtures based on CrCl3Â·6H2O and urea. Physical Chemistry Chemical Physics, 2014, 16, 9047.	1.3	123
72	Glycol based plasticisers for salt modified starch. RSC Advances, 2014, 4, 40421-40427.	1.7	28

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73	Deep Eutectic Solvents (DESs) and Their Applications. Chemical Reviews, 2014, 114, 11060-11082.	23.0	4,488
74	Evaluating water miscible deep eutectic solvents (DESs) and ionic liquids as potential lubricants. Green Chemistry, 2014, 16, 4156-4161.	4.6	138
75	EXAFS Study into the Speciation of Metal Salts Dissolved in Ionic Liquids and Deep Eutectic Solvents. Inorganic Chemistry, 2014, 53, 6280-6288.	1.9	170
76	Electroplating Using Ionic Liquids. Annual Review of Materials Research, 2013, 43, 335-358.	4.3	228
77	In Situ Electrochemical Digital Holographic Microscopy; a Study of Metal Electrodeposition in Deep Eutectic Solvents. Analytical Chemistry, 2013, 85, 6653-6660.	3.2	37
78	Ligand exchange in ionic systems and its effect on silver nucleation and growth. Physical Chemistry Chemical Physics, 2013, 15, 17314.	1.3	29
79	From Test Tube to Turner â€“ the Role of the Chemist in Art. Science Progress, 2013, 96, 398-416.	1.0	1
80	Electrolytic processing of superalloy aerospace castings using choline chloride-based ionic liquids. Transactions of the Institute of Metal Finishing, 2012, 90, 9-14.	0.6	28
81	Starch as a replacement for urea-formaldehyde in medium density fibreboard. Green Chemistry, 2012, 14, 3067.	4.6	30
82	The electrodeposition of silver composites using deep eutectic solvents. Physical Chemistry Chemical Physics, 2012, 14, 2443.	1.3	151
83	Salt modified starch: sustainable, recyclable plastics. Green Chemistry, 2012, 14, 1302.	4.6	63
84	Nanomagnetic domains of chromium deposited on vertically-aligned carbon nanotubes. Journal of Magnetism and Magnetic Materials, 2012, 324, 4170-4174.	1.0	15
85	Do all ionic liquids need organic cations? Characterisation of [AlCl2Â·nAmide]+ AlCl4â^' and comparison with imidazolium based systems. Chemical Communications, 2011, 47, 3523.	2.2	190
86	Non-classical diffusion in ionic liquids. Physical Chemistry Chemical Physics, 2011, 13, 10147.	1.3	78
87	Ionic liquids form ideal solutions. Chemical Communications, 2011, 47, 11876.	2.2	52
88	Glycerol eutectics as sustainable solvent systems. Green Chemistry, 2011, 13, 82-90.	4.6	666
89	Ionometallurgy: designer redox properties for metal processing. Chemical Communications, 2011, 47, 10031.	2.2	138
90	Processing of metals and metal oxides using ionic liquids. Green Chemistry, 2011, 13, 471.	4.6	309

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91	Molecular motion and ion diffusion in choline chloride based deep eutectic solvents studied by 1H pulsed field gradient NMR spectroscopy. Physical Chemistry Chemical Physics, 2011, 13, 21383.	1.3	397
92	Double layer effects on metal nucleation in deep eutectic solvents. Physical Chemistry Chemical Physics, 2011, 13, 10224.	1.3	134
93	Synthesis of a base-stock for electrical insulating fluid based on palm kernel oil. Industrial Crops and Products, 2011, 33, 532-536.	2.5	40
94	The effect of additives on zinc electrodeposition from deep eutectic solvents. Electrochimica Acta, 2011, 56, 5272-5279.	2.6	186
95	Effect of side chains on the dielectric properties of alkyl esters derived from palm kernel oil. , 2011, , .		21
96	Lubrication of Steel/Steel Contacts by Choline Chloride Ionic Liquids. Tribology Letters, 2010, 37, 103-110.	1.2	71
97	Pilot trials of immersion silver deposition using a choline chloride based ionic liquid. Circuit World, 2010, 36, 3-9.	0.7	18
98	Metal finishing with ionic liquids: scale-up and pilot plants from IONMET consortium. Transactions of the Institute of Metal Finishing, 2010, 88, 285-293.	0.6	30
99	Double layer, diluent and anode effects upon the electrodeposition of aluminium from chloroaluminate based ionic liquids. Physical Chemistry Chemical Physics, 2010, 12, 1862-1872.	1.3	100
100	Electrolytic deposition of Zn coatings from ionic liquids based on choline chloride. Transactions of the Institute of Metal Finishing, 2009, 87, 201-207.	0.6	89
101	Electrolytic Metal Coatings and Metal Finishing Using Ionic Liquids. ECS Transactions, 2009, 16, 47-63.	0.3	18
102	Processing of Electric Arc Furnace Dust using Deep Eutectic Solvents. Australian Journal of Chemistry, 2009, 62, 341.	0.5	102
103	Time Resolved in Situ Liquid Atomic Force Microscopy and Simultaneous Acoustic Impedance Electrochemical Quartz Crystal Microbalance Measurements: A Study of Zn Deposition. Analytical Chemistry, 2009, 81, 8466-8471.	3.2	49
104	On the concept of ionicity in ionic liquids. Physical Chemistry Chemical Physics, 2009, 11, 4962.	1.3	645
105	Controlling phase behaviour on gas expansion of fluid mixtures. Green Chemistry, 2009, 11, 1536.	4.6	11
106	Probing the structure of gas expanded liquids using relative permittivity, density and polarity measurements. Green Chemistry, 2009, 11, 1530.	4.6	33
107	Electrodeposition of copper composites from deep eutectic solvents based on choline chloride. Physical Chemistry Chemical Physics, 2009, 11, 4269.	1.3	302
108	Sustained electroless deposition of metallic silver from a choline chloride-based ionic liquid. Surface and Coatings Technology, 2008, 202, 2033-2039.	2.2	93

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109	Metal complexation in ionic liquids. Annual Reports on the Progress of Chemistry Section A, 2008, 104, 21.	0.8	72
110	Electrodeposition of nickel using eutectic based ionic liquids. Transactions of the Institute of Metal Finishing, 2008, 86, 234-240.	0.6	158
111	Electrofinishing of metals using eutectic based ionic liquids. Transactions of the Institute of Metal Finishing, 2008, 86, 196-204.	0.6	152
112	Electrolytic Metal Coatings and Metal Finishing Using Ionic Liquids. ECS Meeting Abstracts, 2008, , .	0.0	0
113	Green Organometallic Chemistry. , 2007, , 837-864.		1
114	Effect of Solutes on the Viscosity of Supercritical Solutions. Journal of Physical Chemistry B, 2007, 111, 8114-8118.	1.2	9
115	Application of Hole Theory to Define Ionic Liquids by their Transport Propertiesâ€. Journal of Physical Chemistry B, 2007, 111, 4910-4913.	1.2	417
116	Electropolishing and Electroplating of Metals Using Ionic Liquids Based on Choline Chloride. ACS Symposium Series, 2007, , 186-197.	0.5	16
117	Electroless deposition of metallic silver from a choline chloride-based ionic liquid: a study using acoustic impedance spectroscopy, SEM and atomic force microscopy. Physical Chemistry Chemical Physics, 2007, 9, 3735.	1.3	103
118	Probing Solute Clustering in Supercritical Solutions Using Solvatochromic Parameters. Journal of Physical Chemistry B, 2007, 111, 8119-8125.	1.2	10
119	Extraction of glycerol from biodiesel into a eutectic based ionic liquid. Green Chemistry, 2007, 9, 868.	4.6	375
120	Eutectic-Based Ionic Liquids with Metal-Containing Anions and Cations. Chemistry - A European Journal, 2007, 13, 6495-6501.	1.7	531
121	Electrodeposition of zincâ€"tin alloys from deep eutectic solvents based on choline chloride. Journal of Electroanalytical Chemistry, 2007, 599, 288-294.	1.9	398
122	Electropolishing of stainless steels in a choline chloride based ionic liquid: an electrochemical study with surface characterisation using SEM and atomic force microscopy. Physical Chemistry Chemical Physics, 2006, 8, 4214.	1.3	169
123	Solubility of Metal Oxides in Deep Eutectic Solvents Based on Choline Chloride. Journal of Chemical & Engineering Data, 2006, 51, 1280-1282.	1.0	543
124	Cationic functionalisation of cellulose using a choline based ionic liquid analogue. Green Chemistry, 2006, 8, 784.	4.6	158
125	Polymer modification using difluoromethane (HFC 32) and carbon dioxide. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1072-1083.	2.4	3
126	Application of ionic liquids to the electrodeposition of metals. Physical Chemistry Chemical Physics, 2006, 8, 4265.	1.3	711

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127	Voltammetric and impedance studies of the electropolishing of type 316 stainless steel in a choline chloride based ionic liquid. Electrochimica Acta, 2006, 51, 4420-4425.	2.6	185
128	Design of Improved Deep Eutectic Solvents Using Hole Theory. ChemPhysChem, 2006, 7, 803-806.	1.0	406
129	Processing metal oxides using ionic liquids. Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy, 2006, 115, 15-18.	0.6	38
130	O-Acetylation of cellulose and monosaccharides using a zinc based ionic liquid. Green Chemistry, 2005, 7, 705.	4.6	210
131	Selective Extraction of Metals from Mixed Oxide Matrixes Using Choline-Based Ionic Liquids. Inorganic Chemistry, 2005, 44, 6497-6499.	1.9	314
132	Pressure Effects on Friedel-Crafts Alkylation Reactions in Supercritical Difluoromethane. ChemPhysChem, 2005, 6, 466-472.	1.0	8
133	Model for the Conductivity of Ionic Liquids Based on an Infinite Dilution of Holes. ChemPhysChem, 2005, 6, 2502-2505.	1.0	146
134	Electropolishing of stainless steel in an ionic liquid. Transactions of the Institute of Metal Finishing, 2005, 83, 51-53.	0.6	103
135	Solubility of unsaturated carboxylic acids in supercritical 1,1,1,2-tetrafluoroethane (HFC 134a) and a methodology for the separation of ternary mixtures. Green Chemistry, 2005, 7, 210.	4.6	12
136	Hydrogenation in supercritical 1,1,1,2 tetrafluoroethane (HFC 134a). Green Chemistry, 2005, 7, 721.	4.6	11
137	Effect of Electrolyte Concentration on the Viscosity and Voltammetry of Supercritical Solutions. Analytical Chemistry, 2005, 77, 6702-6708.	3.2	19
138	Application of Hole Theory to the Viscosity of Ionic and Molecular Liquids. ChemPhysChem, 2004, 5, 1242-1246.	1.0	248
139	The Regiospecific Fischer Indole Reaction in Choline ChlorideÃ—2ZnCl2 with Product Isolation by Direct Sublimation from the Ionic Liquid.. ChemInform, 2004, 35, no.	0.1	0
140	Ionic Liquid Analogues Formed from Hydrated Metal Salts. Chemistry - A European Journal, 2004, 10, 3769-3774.	1.7	307
141	Polymerisation of methyl methacrylate in supercritical difluoromethane. Green Chemistry, 2004, 6, 81.	4.6	5
142	The regiospecific Fischer indole reaction in choline chlorideÂ·2ZnCl2with product isolation by direct sublimation from the ionic liquid. Chemical Communications, 2004, , 158-159.	2.2	115
143	Equilibrium Reactions in Supercritical Difluoromethane. Journal of Physical Chemistry B, 2004, 108, 4922-4926.	1.2	10
144	Deep Eutectic Solvents Formed between Choline Chloride and Carboxylic Acids:Â Versatile Alternatives to Ionic Liquids. Journal of the American Chemical Society, 2004, 126, 9142-9147.	6.6	3,121

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145	Ionic Liquids Based upon Metal Halide/Substituted Quaternary Ammonium Salt Mixtures. Inorganic Chemistry, 2004, 43, 3447-3452.	1.9	311
146	Electrodeposition of Chromium Black from Ionic Liquids. Transactions of the Institute of Metal Finishing, 2004, 82, 14-17.	0.6	65
147	Electrochemical Studies of Ambient Temperature Ionic Liquids Based on Choline Chloride. ACS Symposium Series, 2003, , 439-452.	0.5	17
148	Hydrogen Bond Interactions in Liquid and Supercritical Hydrofluorocarbons. Journal of Physical Chemistry B, 2003, 107, 10628-10633.	1.2	14
149	Novel solvent properties of choline chloride/urea mixturesElectronic supplementary information (ESI) available: spectroscopic data. See http://www.rsc.org/suppdata/cc/b2/b210714g/. Chemical Communications, 2003, , 70-71.	2.2	3,741
150	Electrochemical recognition of analytes using quaternary ammonium binaphthyl salts. Analyst, The, 2003, 128, 245-248.	1.7	3
151	Solubility of Substituted Aromatic Hydrocarbons in Supercritical Difluoromethane. Journal of Chemical & Engineering Data, 2002, 47, 900-905.	1.0	30
152	Electrochemical Recognition of Chiral Species Using Quaternary Ammonium Binaphthyl Salts. Analytical Chemistry, 2002, 74, 4002-4006.	3.2	14
153	Quaternary ammonium zinc- or tin-containing ionic liquids: water insensitive, recyclable catalysts for Dielsâ€"Alder reactions. Green Chemistry, 2002, 4, 24-26.	4.6	196
154	Voltammetry in non-aqueous solvents: artefacts arising from slow electrolyte desorption. Journal of Electroanalytical Chemistry, 2002, 520, 6-12.	1.9	5
155	Analysis of dipolarity/polarisability parameter, Ï€*, for a range of supercritical fluids. Physical Chemistry Chemical Physics, 2001, 3, 3722-3726.	1.3	14
156	Electrochemical recognition of charged species using quaternary ammonium binaphthyl salts. Analyst, The, 2001, 126, 1892-1896.	1.7	3
157	Effect of ionic equilibria on redox potentials in supercritical difluoromethane. Physical Chemistry Chemical Physics, 2001, 3, 579-582.	1.3	19
158	Novel Ambient Temperature Ionic Liquids for Zinc and Zinc Alloy Electrodeposition. Transactions of the Institute of Metal Finishing, 2001, 79, 204-206.	0.6	44
159	Preparation of novel, moisture-stable, Lewis-acidic ionic liquids containing quaternary ammonium salts with functional side chains. Chemical Communications, 2001, , 2010-2011.	2.2	764
160	Title is missing!. Journal of Applied Electrochemistry, 2001, 31, 1345-1350.	1.5	87
161	CO2/HFC 134a mixtures: alternatives for supercritical fluid extraction. Green Chemistry, 2000, 2, 63-66.	4.6	13
162	Synthesis of novel donorâ€"acceptor twins. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3356-3361.	1.3	9

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163	Conductivity of (C4H9)4N BF4in Liquid and Supercritical Hydrofluorocarbons. Journal of Physical Chemistry B, 2000, 104, 9351-9355.	1.2	33
164	Electrochemical Reduction of CO2 in a Mixed Supercritical Fluid. Journal of Physical Chemistry B, 2000, 104, 775-779.	1.2	44
165	Electrochemistry of quaternary ammonium binaphthyl salts. Chemical Communications, 1999, , 641-642.	2.2	2
166	Double layer capacitance and conductivity studies of long chain quaternary ammonium electrolytes in supercritical carbon dioxide. Physical Chemistry Chemical Physics, 1999, 1, 839-841.	1.3	23
167	Solvent Properties of Supercritical CO2/HFC134a Mixtures. Journal of Physical Chemistry B, 1999, 103, 8790-8793.	1.2	22
168	Relative Permittivity Measurements of 1,1,1,2-Tetrafluoroethane (HFC 134a), Pentafluoroethane (HFC) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	29
169	Solvent Properties of Liquid and Supercritical Hydrofluorocarbons. Journal of Physical Chemistry B, 1999, 103, 2504-2509.	1.2	40
170	Double Layer Structure in a Supercritical Fluid. Journal of Physical Chemistry B, 1999, 103, 6157-6159.	1.2	15
171	Novel Room Temperature Molten Salts for Aluminium Electrodeposition. Transactions of the Institute of Metal Finishing, 1999, 77, 26-28.	0.6	17
172	Electrochemical investigations in liquid and supercritical 1,1,1,2-tetrafluoroethane (HFC 134a) and difluoromethane (HFC 32). Journal of Electroanalytical Chemistry, 1998, 457, 1-4.	1.9	42
173	Solvent Properties of Liquid and Supercritical 1,1,1,2-Tetrafluoroethane. Journal of Physical Chemistry B, 1998, 102, 8574-8578.	1.2	37
174	Two versatile new routes to dinuclear molybdenum dithiolene complexes. Chemical Communications, 1998, , 389-390.	2.2	8
175	Double-layer studies in solutions of low relative permittivity. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3981-3984.	1.7	8
176	Conductivity of long chain quaternary ammonium electrolytes in cyclohexane. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 577-582.	1.7	23
177	Oxidation of Molybdenum(0) and Tungsten(0) Carbonyl Complexes with Silver Triflate. Organometallics, 1997, 16, 3690-3695.	1.1	12
178	Electrochemical investigations in supercritical carbon dioxide. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 3895.	1.7	55
179	Tetrakis(decyl)ammonium tetraphenylborate: a novel electrolyte for non-polar media. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 1747.	1.7	25
180	Complexes of Rh(C5Me5) with picolinic acid, pyrones and pyridinones. Journal of the Chemical Society Dalton Transactions, 1995, , 3709.	1.1	17

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