Peter Licence

List of Publications by Year
in descending order

174 papers	7,164 citations	50276 46 h-index	66911 78 g-index
187 all docs	187 docs citations	187 times ranked	7131 citing authors

#	Article	IF	Citations
1	Building Pathways to a Sustainable Planet. ACS Sustainable Chemistry and Engineering, 2022, 10, 1-2.	6.7	1
2	Diffuse Reflection Infrared Fourier Transform Spectroscopy and Partial Least Squares Regression Analysis for Temperature Prediction of Irreversible Thermochromic Paints. Applied Spectroscopy, 2022, , 000370282110657.	2.2	0
3	High Yielding Continuous-Flow Synthesis of Norketamine. Organic Process Research and Development, 2022, 26, 1145-1151.	2.7	5
4	Nucleophilic Fluorination Catalyzed by a Cyclometallated Rhodium Complex. Organometallics, 2022, 41, 883-891.	2.3	5
5	Halometallate ionic liquids: thermal properties, decomposition pathways, and life cycle considerations. Green Chemistry, 2022, 24, 5800-5812.	9.0	9
6	Experimental measurement and prediction of ionic liquid ionisation energies. Physical Chemistry Chemical Physics, 2021, 23, 20957-20973.	2.8	6
7	<i>ACS Sustainable Chemistry & Engineering</i> Welcomes Expanded Editorial Boards with New Initiatives. ACS Sustainable Chemistry and Engineering, 2021, 9, 1-2.	6.7	2
8	Sustainable Development Through Academic-Industrial Partnerships: A Perspective on the Chemical Sciences. Encyclopedia of the UN Sustainable Development Goals, 2021, , 1196-1209.	0.1	0
9	Ionic Liquidsâ€"Cobalt(II) Thermochromic Complexes: How the Structure Tunability Affects â€œSelf-Containedâ€• Systems. ACS Sustainable Chemistry and Engineering, 2021, 9, 4064-4075.	6.7	7
10	Shaping Effective Practices for Incorporating Sustainability Assessment in Manuscripts Submitted to <i>ACS Sustainable Chemistry & Engineering</i>: An Initiative by the Editors. ACS Sustainable Chemistry and Engineering, 2021, 9, 3977-3978.	6.7	16
11	ACS Sustainable Chemistry & Engineering Welcomes Manuscripts on Advanced E-Waste Recycling. ACS Sustainable Chemistry and Engineering, 2021, 9, 3624-3625.	6.7	2
12	Expectations for Manuscripts Contributing to the Field on Management of Synthetic Chemicals in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2021, 9, 3376-3378.	6.7	4
13	Ethanol from Sugarcane and the Brazilian Biomass-Based Energy and Chemicals Sector. ACS Sustainable Chemistry and Engineering, 2021, 9, 4293-4295.	6.7	14
14	Linking the Thermal and Electronic Properties of Functional Dicationic Salts with Their Molecular Structures. ACS Sustainable Chemistry and Engineering, 2021, 9, 6224-6234.	6.7	8
15	The Power of the United Nations Sustainable Development Goals in Sustainable Chemistry and Engineering Research. ACS Sustainable Chemistry and Engineering, 2021, 9, 8015-8017.	6.7	20
16	Blurring the boundary between homogenous and heterogeneous catalysis using palladium nanoclusters with dynamic surfaces. Nature Communications, 2021, 12, 4965.	12.8	12
17	Expectations for Perspectives in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2021, 9, 16528-16530.	6.7	1
18	In vitro cytotoxicity assessment of monocationic and dicationic pyridinium-based ionic liquids on HeLa, MCF-7, BGM and EA.hy926 cell lines. Journal of Hazardous Materials, 2020, 385, 121513.	12.4	37

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19	Probing the electronic structure of ether functionalised ionic liquids using X-ray photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2020, 22, 1624-1631.	2.8	5
20	The Evolution of ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 1-1.	6.7	6
21	Expectations for Manuscripts Contributing to the Field of Solvents in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2020, 8, 14627-14629.	6.7	23
22	Probing the impact of the N3-substituted alkyl chain on the electronic environment of the cation and the anion for 1,3-dialkylimidazolium ionic liquids. Physical Chemistry Chemical Physics, 2020, 22, 17394-17400.	2.8	8
23	Tuning the Cationâ€“Anion Interactions by Methylation of the Pyridinium Cation: An X-ray Photoelectron Spectroscopy Study of Picolinium Ionic Liquids. Journal of Physical Chemistry B, 2020, 124, 6657-6663.	2.6	8
24	Molecular Control of the Catalytic Properties of Rhodium Nanoparticles in Supported Ionic Liquid Phase (SILP) Systems. ACS Catalysis, 2020, 10, 13904-13912.	11.2	22
25	Expectations for Manuscripts in ACS Sustainable Chemistry & Engineering: Scope Summary and Call for Creativity. ACS Sustainable Chemistry and Engineering, 2020, 8, 16046-16047.	6.7	2
26	Expectations for Manuscripts on Biomass Feedstocks and Processing in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2020, 8, 11031-11032.	6.7	2
27	Remembering Professor, Academician, and Editor Lina Zhang. ACS Sustainable Chemistry and Engineering, 2020, 8, 16385-16385.	6.7	0
28	Thermolysis of Organofluoroborate Ionic Liquids to NHC-Organofluoroborates. ACS Sustainable Chemistry and Engineering, 2020, 8, 16386-16390.	6.7	2
29	Constant Renewal: An Open Call for <i>ACS Sustainable Chemistry & Engineering</i> Editorial Advisory Board and Early Career Board Members. ACS Sustainable Chemistry and Engineering, 2020, 8, 12731-12732.	6.7	1
30	X-ray photoelectron spectroscopy of piperidinium ionic liquids: a comparison to the charge delocalised pyridinium analogues. Physical Chemistry Chemical Physics, 2020, 22, 11976-11983.	2.8	7
31	The Changing Structure of Scientific Communication: Expanding the Nature of Letters Submissions to ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 8469-8470.	6.7	0
32	Expectations for Manuscripts with Nanoscience and Nanotechnology Elements in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2020, 8, 7751-7752.	6.7	5
33	Expectations for Papers on Photochemistry, Photoelectrochemistry, and Electrochemistry for Energy Conversion and Storage in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2020, 8, 3038-3039.	6.7	4
34	Expectations for Manuscripts on Industrial Ecology in ACS Sustainable Chemistry & Engineering. ACS Sustainable Chemistry and Engineering, 2020, 8, 9599-9600.	6.7	2
35	Expectations for Manuscripts on Catalysis in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2020, 8, 4995-4996.	6.7	14
36	Câ€“F Bond Activation of a Perfluorinated Ligand Leading to Nucleophilic Fluorination of an Organic Electrophile. Organometallics, 2020, 39, 2116-2124.	2.3	10

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37	Expectations for Papers on Sustainable Materials in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2020, 8, 1703-1704.	6.7	9
38	Thermally-Stable Imidazolium Dicationic Ionic Liquids with Pyridine Functional Groups. ACS Sustainable Chemistry and Engineering, 2020, 8, 8762-8772.	6.7	25
39	Sustainable Development Through Academic-Industrial Partnerships: A Perspective on the Chemical Sciences. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-14.	0.1	0
40	ACS Sustainable Chemistry & Engineering Virtual Special Issue on Advanced Reaction Media. ACS Sustainable Chemistry and Engineering, 2019, 7, 12638-12638.	6.7	1
41	In Situ Sulfidation of Pd/C: A Straightforward Method for Chemoselective Conjugate Reduction by Continuous Hydrogenation. ACS Sustainable Chemistry and Engineering, 2019, 7, 16814-16819.	6.7	3
42	Resolving X-ray photoelectron spectra of ionic liquids with difference spectroscopy. Physical Chemistry Chemical Physics, 2019, 21, 114-123.	2.8	13
43	Tuning the Reactivity of TEMPO during Electrocatalytic Alcohol Oxidations in Room-Temperature Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2019, 7, 11691-11699.	6.7	21
44	The impact of cation acidity and alkyl substituents on the cationâ€“anion interactions of 1-alkyl-2,3-dimethylimidazolium ionic liquids. Physical Chemistry Chemical Physics, 2019, 21, 11058-11065.	2.8	17
45	On the real catalytically active species for CO2 fixation into cyclic carbonates under near ambient conditions: Dissociation equilibrium of [BMIm][Fe(NO)2Cl2] dependant on reaction temperature. Applied Catalysis B: Environmental, 2019, 245, 240-250.	20.2	55
46	Why Wasnâ€™t My <i>ACS Sustainable Chemistry & Engineering</i> Manuscript Sent Out for Review?. ACS Sustainable Chemistry and Engineering, 2019, 7, 1-2.	6.7	5
47	Tunable Ionic Control of Polymeric Films for Inkjet Based 3D Printing. ACS Sustainable Chemistry and Engineering, 2018, 6, 3984-3991.	6.7	27
48	Ecotoxicity assessment of dicationic versus monocationic ionic liquids as a more environmentally friendly alternative. Ecotoxicology and Environmental Safety, 2018, 150, 129-135.	6.0	61
49	Advancing the Use of Sustainability Metrics in <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2018, 6, 1-1.	6.7	34
50	UN sustainable development goals: How can sustainable/green chemistry contribute? By doing things differently. Current Opinion in Green and Sustainable Chemistry, 2018, 13, 146-149.	5.9	29
51	The impact of sulfur functionalisation on nitrogen-based ionic liquid cations. Chemical Communications, 2018, 54, 11403-11406.	4.1	6
52	A New Approach to Sustainability: A Moore's Law for Chemistry. Angewandte Chemie - International Edition, 2018, 57, 12590-12591.	13.8	21
53	Synthesis and characterization data of monocationic and dicationic ionic liquids or molten salts. Data in Brief, 2018, 19, 769-788.	1.0	12
54	Ein neuer Blick auf Nachhaltigkeit: ein Mooresches Gesetz fÃ¼r die Chemie. Angewandte Chemie, 2018, 130, 12770-12771.	2.0	4

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55	Thermal stability of dialkylimidazolium tetrafluoroborate and hexafluorophosphate ionic liquids: <i>ex situ</i> bulk heating to complement <i>in situ</i> mass spectrometry. Physical Chemistry Chemical Physics, 2018, 20, 16786-16800.	2.8	16
56	Spectroscopic analysis of 1-butyl-2,3-dimethylimidazolium ionic liquids: Cation-anion interactions. Chemical Physics Letters, 2017, 674, 86-89.	2.6	21
57	<i>ACS Sustainable Chemistry & Engineering</i>â€™s Impact Factor Continues To Rise. ACS Sustainable Chemistry and Engineering, 2017, 5, 5617-5617.	6.7	0
58	X-ray photoelectron spectroscopy of trihalide ionic liquids: Comparison to halide-based analogues, anion basicity and beam damage. Chemical Physics Letters, 2017, 679, 207-211.	2.6	13
59	Tuning the electronic environment of the anion by using binary ionic liquid mixtures. Chemical Physics Letters, 2017, 681, 40-43.	2.6	19
60	Four Years of ACS Sustainable Chemistry & Engineering: Reflections and New Developments. ACS Sustainable Chemistry and Engineering, 2017, 5, 1-2.	6.7	8
61	Probing the electronic environment of binary and ternary ionic liquid mixtures by X-ray photoelectron spectroscopy. Chemical Physics Letters, 2017, 686, 74-77.	2.6	7
62	Effect of dicationic ionic liquids on lyotropic liquid crystals formed by a binary system composed of Triton-X 100 and water. Molecular Crystals and Liquid Crystals, 2017, 657, 95-101.	0.9	1
63	ACS Sustainable Chemistry & Engineeringâ€™s Impact Factor Rises. ACS Sustainable Chemistry and Engineering, 2016, 4, 3597-3597.	6.7	0
64	Introducing the Inaugural <i>ACS Sustainable Chemistry & Engineering</i> Lectureship Awards. ACS Sustainable Chemistry and Engineering, 2016, 4, 2898-2898.	6.7	1
65	Associate Editor Peter Licenceâ€™s Reflections on Three Very Busy Years. ACS Sustainable Chemistry and Engineering, 2016, 4, 4491-4491.	6.7	0
66	Study of the Stability of 1-Alkyl-3-methylimidazolium Hexafluoroantimonate(V) Based Ionic Liquids Using X-ray Photoelectron Spectroscopy. ACS Sustainable Chemistry and Engineering, 2016, 4, 5953-5962.	6.7	13
67	Phase behaviour and conductivity of supporting electrolytes in supercritical difluoromethane and 1,1-difluoroethane. Physical Chemistry Chemical Physics, 2016, 18, 14359-14369.	2.8	8
68	Total Re-COIL: The Sixth International Congress on Ionic Liquids Special Issue. ACS Sustainable Chemistry and Engineering, 2016, 4, 370-370.	6.7	0
69	X-ray photoelectron spectroscopy as a probe of rhodium-ligand interaction in ionic liquids. Chemical Physics Letters, 2016, 645, 53-58.	2.6	12
70	An ARXPS and ERXPS study of quaternary ammonium and phosphonium ionic liquids: utilising a high energy Ag LÎ±â€² X-ray source. Physical Chemistry Chemical Physics, 2016, 18, 6122-6131.	2.8	11
71	Xâ€•ray Photoelectron Spectroscopy of Pyridiniumâ€•Based Ionic Liquids: Comparison to Imidazoliumâ€•and Pyrrolidiniumâ€•Based Analogues. ChemPhysChem, 2015, 16, 2211-2218.	2.1	77
72	Supercritical fluids: green solvents for green chemistry?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20150018.	3.4	15

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73	Advancing the Use of Sustainability Metrics. ACS Sustainable Chemistry and Engineering, 2015, 3, 2359-2360.	6.7	22
74	Synthesis of starch vernolate in 1â€butylâ€3â€methylimidazolium chloride ionic liquid. Starch/Staerke, 2015, 67, 200-203.	2.1	10
75	The Impact of <i>ACS Sustainable Chemistry & Engineering</i>. ACS Sustainable Chemistry and Engineering, 2015, 3, 1262-1262.	6.7	1
76	The Putative Mevalonate Diphosphate Decarboxylase from Picrophilus torridus Is in Reality a Mevalonate-3-Kinase with High Potential for Bioproduction of Isobutene. Applied and Environmental Microbiology, 2015, 81, 2625-2634.	3.1	27
77	Directly probing the effect of the solvent on a catalyst electronic environment using X-ray photoelectron spectroscopy. RSC Advances, 2015, 5, 35958-35965.	3.6	21
78	Reactive DESI-MS Imaging of Biological Tissues with Dicationic Ion-Pairing Compounds. Analytical Chemistry, 2015, 87, 3286-3293.	6.5	60
79	XPS of guanidinium ionic liquids: a comparison of charge distribution in nitrogenous cations. Physical Chemistry Chemical Physics, 2015, 17, 11839-11847.	2.8	50
80	Luminescent dansyl-based ionic liquids from amino acids and methylcarbonate onium salt precursors: synthesis and photobehaviour. Green Chemistry, 2015, 17, 538-550.	9.0	11
81	The Formation and Role of Oxide Layers on Pt during Hydrazine Oxidation in Protic Ionic Liquids. ChemElectroChem, 2014, 1, 281-288.	3.4	16
82	The use of dicationic ion-pairing compounds to enhance the ambient detection of surface lipids in positive ionization mode using desorption electrospray ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2014, 28, 616-624.	1.5	17
83	Vaporisation and thermal decomposition of dialkylimidazolium halide ion ionic liquids. Physical Chemistry Chemical Physics, 2014, 16, 1339-1353.	2.8	42
84	Tuning cationâ€"anion interactions in ionic liquids by changing the conformational flexibility of the cation. Chemical Communications, 2014, 50, 12080-12083.	4.1	27
85	Tuning the electronic environment of cations and anions using ionic liquid mixtures. Chemical Science, 2014, 5, 2573-2579.	7.4	68
86	Quaternary ammonium and phosphonium based ionic liquids: a comparison of common anions. Physical Chemistry Chemical Physics, 2014, 16, 15278-15288.	2.8	142
87	Enzymatic synthesis of epoxy fatty acid starch ester in ionic liquidâ€"organic solvent mixture from vernonia oil. Starch/Staerke, 2014, 66, 385-392.	2.1	19
88	Probing liquid behaviour by helium atom scattering: surface structure and phase transitions of an ionic liquid on Au(111). Chemical Science, 2014, 5, 667-676.	7.4	13
89	Mechanical Property Characterization of Aligned Plant Yarn Reinforced Thermoset Matrix Composites Manufactured via Vacuum Infusion. Polymer-Plastics Technology and Engineering, 2014, 53, 239-253.	1.9	40
90	Acidity and basicity of halometallate-based ionic liquids from X-ray photoelectron spectroscopy. RSC Advances, 2013, 3, 9436.	3.6	42

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91	Kinetics and mechanism of oxygen reduction in a protic ionic liquid. Physical Chemistry Chemical Physics, 2013, 15, 7548.	2.8	43
92	The influence of domain segregation in ionic liquids upon controlled polymerisation mechanisms: RAFT polymerisation. Polymer Chemistry, 2013, 4, 1337-1344.	3.9	17
93	Fatigue life evaluation of aligned plant fibre composites through Sâ€"N curves and constant-life diagrams. Composites Science and Technology, 2013, 74, 139-149.	7.8	111
94	Monolayer to Bilayer Structural Transition in Confined Pyrrolidinium-Based Ionic Liquids. Journal of Physical Chemistry Letters, 2013, 4, 378-382.	4.6	145
95	Chlorostannate(II) Ionic Liquids: Speciation, Lewis Acidity, and Oxidative Stability. Inorganic Chemistry, 2013, 52, 1710-1721.	4.0	71
96	Electrocatalytic oxidation of methanol and carbon monoxide at platinum in protic ionic liquids. Electrochemistry Communications, 2012, 23, 122-124.	4.7	26
97	Does the influence of substituents impact upon the surface composition of pyrrolidinium-based ionic liquids? An angle resolved XPS study. Physical Chemistry Chemical Physics, 2012, 14, 5229.	2.8	38
98	Continuous-flow alkene metathesis: the model reaction of 1-octene catalyzed by Re2O7/Î³-Al2O3 with supercritical CO2 as a carrier. Green Chemistry, 2012, 14, 2727.	9.0	13
99	The tensile behavior of offâ€axis loaded plant fiber composites: An insight on the nonlinear stressâ€"strain response. Polymer Composites, 2012, 33, 1494-1504.	4.6	60
100	Determining the minimum, critical and maximum fibre content for twisted yarn reinforced plant fibre composites. Composites Science and Technology, 2012, 72, 1909-1917.	7.8	124
101	Probing Solvation in Ionic Liquids via the Electrochemistry of the DPPH Radical. Journal of the American Chemical Society, 2012, 134, 15636-15639.	13.7	19
102	The enthalpies of vaporisation of ionic liquids: new measurements and predictions. Physical Chemistry Chemical Physics, 2012, 14, 3181.	2.8	66
103	Supramolecular architectures of symmetrical dicationic ionic liquid based systems. CrystEngComm, 2012, 14, 4886.	2.6	19
104	Hydrogen Oxidation and Oxygen Reduction at Platinum in Protic Ionic Liquids. Journal of Physical Chemistry C, 2012, 116, 18048-18056.	3.1	49
105	Inâ€...Situ XPS Monitoring of Bulk Ionic Liquid Reactions: Shedding Light on Organic Reaction Mechanisms. Angewandte Chemie - International Edition, 2012, 51, 4789-4791.	13.8	19
106	Xâ€Ray Photoelectron Spectroscopy of Ferrocenylâ€• and Ferroceniumâ€Based Ionic Liquids. ChemPhysChem, 2012, 13, 1917-1926.	2.1	39
107	Hydroxyethylcellulose surface treatment of natural fibres: the new â€˜twistâ€™ in yarn preparation and optimization for composites applicability. Journal of Materials Science, 2012, 47, 2700-2711.	3.7	47
108	X-ray photoelectron spectroscopy of pyrrolidinium-based ionic liquids: cationâ€"anion interactions and a comparison to imidazolium-based analogues. Physical Chemistry Chemical Physics, 2011, 13, 15244.	2.8	130

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109	NMR as a probe of nanostructured domains in ionic liquids: Does domain segregation explain increased performance of free radical polymerisation?. Chemical Science, 2011, 2, 1810.	7.4	29
110	Non-classical diffusion in ionic liquids. Physical Chemistry Chemical Physics, 2011, 13, 10147.	2.8	78
111	The vapour of imidazolium-based ionic liquids: a mass spectrometry study. Physical Chemistry Chemical Physics, 2011, 13, 16841.	2.8	42
112	Charging of ionic liquid surfaces under X-ray irradiation: the measurement of absolute binding energies by XPS. Physical Chemistry Chemical Physics, 2011, 13, 2797-2808.	2.8	144
113	Amino acid-based ionic liquids: using XPS to probe the electronic environment via binding energies. Physical Chemistry Chemical Physics, 2011, 13, 17737.	2.8	62
114	On the diffusion of ferrocenemethanol in room-temperature ionic liquids: an electrochemical study. Physical Chemistry Chemical Physics, 2011, 13, 10155.	2.8	41
115	Borane-substituted imidazol-2-ylidenes: syntheses in vacuo. Dalton Transactions, 2011, 40, 1463.	3.3	26
116	Can a Siphon Work In Vacuo?. Journal of Chemical Education, 2011, 88, 1547-1550.	2.3	8
117	The 13 Principles of Green Chemistry and Engineering for a Greener Africa. Green Chemistry, 2011, 13, 1059.	9.0	23
118	Iodide/triiodide electrochemistry in ionic liquids: Effect of viscosity on mass transport, voltammetry and scanning electrochemical microscopy. Electrochimica Acta, 2011, 56, 10313-10320.	5.2	47
119	Pd catalysts immobilized onto gel-supported ionic liquid-like phases (g-SILLPs): A remarkable effect of the nature of the support. Journal of Catalysis, 2010, 269, 150-160.	6.2	107
120	Vaporisation of a Dicationic Ionic Liquid Revisited. ChemPhysChem, 2010, 11, 3673-3677.	2.1	23
121	Understanding microwave heating effects in single mode type cavitiesâ€”theory and experiment. Physical Chemistry Chemical Physics, 2010, 12, 4750.	2.8	163
122	Photoelectron Spectroscopy of Ionic Liquid-Based Interfaces. Chemical Reviews, 2010, 110, 5158-5190.	47.7	261
123	Ultramicroelectrode voltammetry and scanning electrochemical microscopy in room-temperature ionic liquid electrolytes. Chemical Society Reviews, 2010, 39, 4185.	38.1	68
124	High vacuum distillation of ionic liquids and separation of ionic liquid mixtures. Physical Chemistry Chemical Physics, 2010, 12, 1772.	2.8	104
125	Continuous heterogeneous catalytic oxidation of primary and secondary alcohols in scCO2. Green Chemistry, 2010, 12, 310.	9.0	43
126	Effect of Viscosity on Steady-State Voltammetry and Scanning Electrochemical Microscopy in Room Temperature Ionic Liquids. Journal of Physical Chemistry B, 2010, 114, 4442-4450.	2.6	51

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127	Speciation of chloroindate(iii) ionic liquids. Dalton Transactions, 2010, 39, 8679.	3.3	42
128	An ultra high vacuum-spectroelectrochemical study of the dissolution of copper in the ionic liquid (N-methylacetate)-4-picolinium bis(trifluoromethylsulfonyl)imide. Physical Chemistry Chemical Physics, 2010, 12, 1982.	2.8	45
129	Electromagnetic simulations of microwave heating experiments using reaction vessels made out of silicon carbide. Physical Chemistry Chemical Physics, 2010, 12, 10793.	2.8	48
130	Vaporisation of an ionic liquid near room temperature. Physical Chemistry Chemical Physics, 2010, 12, 8893.	2.8	79
131	Moringa stenopetala seed oil as a potential feedstock for biodiesel production in Ethiopia. Green Chemistry, 2010, 12, 316.	9.0	32
132	The Coâ€Entrapment of a Homogeneous Catalyst and an Ionic Liquid by a Solâ€"gel Method: Recyclable Ionogel Hydrogenation Catalysts. Chemistry - A European Journal, 2009, 15, 7094-7100.	3.3	41
133	Vaporisation of a Dicationic Ionic Liquid. ChemPhysChem, 2009, 10, 337-340.	2.1	50
134	Studies of the Interaction of Ionic Liquid and Gas in a Small-Diameter Bubble Column. Industrial & Engineering Chemistry Research, 2009, 48, 7938-7944.	3.7	22
135	Spectroelectrochemistry at ultrahigh vacuum: in situ monitoring of electrochemically generated species by X-ray photoelectron spectroscopy. Chemical Communications, 2009, , 5817.	4.1	61
136	RAFT-functional ionic liquids: towards understanding controlled free radical polymerisation in ionic liquids. Journal of Materials Chemistry, 2009, 19, 2679.	6.7	36
137	Measuring and predicting Î"vapH298 values of ionic liquids. Physical Chemistry Chemical Physics, 2009, 11, 8544.	2.8	155
138	Dielectric spectroscopy: a technique for the determination of water coordination within ionic liquids. Physical Chemistry Chemical Physics, 2008, 10, 2947.	2.8	30
139	Heterogeneous Electron Transfer Kinetics at the Ionic Liquid/Metal Interface Studied Using Cyclic Voltammetry and Scanning Electrochemical Microscopy. Journal of Physical Chemistry B, 2008, 112, 13292-13299.	2.6	57
140	Pyrrolidinium-Based Ionic Liquids. 1-Butyl-1-methyl Pyrrolidinium Dicyanoamide: Thermochemical Measurement, Mass Spectrometry, and ab Initio Calculations. Journal of Physical Chemistry B, 2008, 112, 11734-11742.	2.6	69
141	Free-Radical Polymerization in Ionic Liquids: The Case for a Protected Radical. Macromolecules, 2008, 41, 2814-2820.	4.8	68
142	An Introduction To Supercritical Fluids: From Bench Scale to Commercial Plant. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2008, , 171-191.	0.1	2
143	COLLABORATIONS: Empowering Green Chemists in Ethiopia. Science, 2007, 316, 1849-1850.	12.6	6
144	Vapourisation of ionic liquids. Physical Chemistry Chemical Physics, 2007, 9, 982.	2.8	364

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145	Comment on â€œCritical Properties, Normal Boiling Temperatures, and Acentric Factors of Fifty Ionic Liquidsâ€. Industrial & Engineering Chemistry Research, 2007, 46, 6061-6062.	3.7	10
146	Water adsorption on a liquid surface. Chemical Communications, 2007, , 4866.	4.1	76
147	The synthesis of o-cyclohexylphenol in supercritical carbon dioxide: towards a continuous two-step reaction. Green Chemistry, 2007, 9, 797.	9.0	25
148	Rewritable Imaging on the Surface of Frozen Ionic Liquids. Angewandte Chemie - International Edition, 2007, 46, 4163-4165.	13.8	28
149	Green chemistry. Nature, 2007, 450, 810-812.	27.8	347
150	Ionic Liquids in Vacuo:Â Analysis of Liquid Surfaces Using Ultra-High-Vacuum Techniques. Langmuir, 2006, 22, 9386-9392.	3.5	230
151	Continuous Asymmetric Hydrogenation in Supercritical Carbon Dioxide using an Immobilised Homogeneous Catalyst. Advanced Synthesis and Catalysis, 2006, 348, 1605-1610.	4.3	80
152	scCO2-Flow Asymmetric Hydrogenation. Synfacts, 2006, 2006, 1288-1288.	0.0	1
153	Selective Monoprotection of 1,n-Terminal Diols in Supercritical Carbon Dioxide:Â A Striking Example of Solvent Tunable Desymmetrization. Journal of the American Chemical Society, 2005, 127, 293-298.	13.7	65
154	Friedelâ^'Crafts Alkylation of Anisole in Supercritical Carbon Dioxide:Â A Comparative Study of Catalysts. Organic Process Research and Development, 2005, 9, 451-456.	2.7	45
155	The first Green Chemistry workshop in Ethiopia. Green Chemistry, 2005, 7, 401.	9.0	2
156	The automation of continuous reactions in supercritical CO2: the acid-catalysed etherification of short chain alcohols. Green Chemistry, 2005, 7, 456.	9.0	33
157	Green Chemistry in Ethiopia: the cleaner extraction of essential oils from Artemisia afra: a comparison of clean technology with conventional methodology. Green Chemistry, 2005, 7, 352.	9.0	36
158	Synthesis and CO2Solubility Studies of Poly(ether carbonate)s and Poly(ether ester)s Produced by Step Growth Polymerization. Macromolecules, 2005, 38, 1691-1698.	4.8	39
159	Polymerization of Vinylidene Fluoride in Supercritical Carbon Dioxide:Â Effects of Poly(dimethylsiloxane) Macromonomer on Molecular Weight and Morphology of Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.8	32
160	Dispersion Polymerization of Methyl Methacrylate in Supercritical Carbon Dioxide:Â An Investigation into Stabilizer Anchor Group. Macromolecules, 2005, 38, 3271-3282.	4.8	56
161	Ionic liquids in vacuo; solution-phase X-ray photoelectron spectroscopy. Chemical Communications, 2005, , 5633.	4.1	213
162	Continuous catalytic asymmetric hydrogenation in supercritical CO2. Green Chemistry, 2004, 6, 521.	9.0	71

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163	The immobilisation of phenoxaphosphine-modified xanthene-type ligand on polysiloxane support and application thereof in the hydroformylation reaction. Journal of Molecular Catalysis A, 2004, 224, 145-152.	4.8	34
164	â€œSupercriticalityâ€ a dramatic but safe demonstration of the critical point. Green Chemistry, 2004, 6, 352-354.	9.0	12
165	Supercritical fluids: A route to palladium-aerogel nanocomposites. Journal of Materials Chemistry, 2004, 14, 1212.	6.7	67
166	Large-aperture variable-volume view cell for the determination of phase-equilibria in high pressure systems and supercritical fluids. Review of Scientific Instruments, 2004, 75, 3233-3236.	1.3	57
167	Recent Developments in the Use of Supercritical CO2 in Synthetic Organic Chemistry. ChemInform, 2003, 34, no.	0.0	0
168	Chemical reactions in supercritical carbon dioxide: from laboratory to commercial plantThis work was presented at the Green Solvents for Catalysis Meeting held in Bruchsal, Germany, 13â€"16th October 2002.. Green Chemistry, 2003, 5, 99-104.	9.0	236
169	Synthesis of benzimidazoles in high-temperature waterThis work was presented at the Green Solvents for Catalysis Meeting held in Bruchsal, Germany, 13â€"16th October 2002.Electronic supplementary information (ESI) available: analytical data for compounds 3aâ€"f and 5gâ€"j. See http://www.rsc.org/suppdata/gc/b2/b212394k/. Green Chemistry, 2003, 5, 187-192.	9.0	161
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