

Peter Licence

List of Publications by Citations

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

142
papers

6,082
citations

43
h-index

73
g-index

187
ext. papers

6,670
ext. citations

7.3
avg, IF

5.91
L-index

#	Paper	IF	Citations
142	Vapourisation of ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 982-90	3.6	337
141	Photoelectron spectroscopy of ionic liquid-based interfaces. <i>Chemical Reviews</i> , 2010 , 110, 5158-90	68.1	234
140	Ionic liquids in vacuo: analysis of liquid surfaces using ultra-high-vacuum techniques. <i>Langmuir</i> , 2006 , 22, 9386-92	4	215
139	Chemical reactions in supercritical carbon dioxide: from laboratory to commercial plant. <i>Green Chemistry</i> , 2003 , 5, 99-104	10	208
138	Ionic liquids in vacuo; solution-phase X-ray photoelectron spectroscopy. <i>Chemical Communications</i> , 2005 , 5633-5	5.8	193
137	Synthesis of benzimidazoles in high-temperature water. <i>Green Chemistry</i> , 2003 , 5, 187-192	10	146
136	Measuring and predicting Delta(vap)H298 values of ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 8544-55	3.6	143
135	Understanding microwave heating effects in single mode type cavities-theory and experiment. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 4750-8	3.6	135
134	Monolayer to Bilayer Structural Transition in Confined Pyrrolidinium-Based Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 378-82	6.4	128
133	Charging of ionic liquid surfaces under X-ray irradiation: the measurement of absolute binding energies by XPS. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 2797-808	3.6	128
132	X-ray photoelectron spectroscopy of pyrrolidinium-based ionic liquids: cation-anion interactions and a comparison to imidazolium-based analogues. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 15244-55	3.6	115
131	Quaternary ammonium and phosphonium based ionic liquids: a comparison of common anions. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 15278-88	3.6	112
130	Continuous catalytic reactions in supercritical fluids. <i>Applied Catalysis A: General</i> , 2001 , 222, 119-131	5.1	106
129	Determining the minimum, critical and maximum fibre content for twisted yarn reinforced plant fibre composites. <i>Composites Science and Technology</i> , 2012 , 72, 1909-1917	8.6	105
128	Pd catalysts immobilized onto gel-supported ionic liquid-like phases (g-SILLPs): A remarkable effect of the nature of the support. <i>Journal of Catalysis</i> , 2010 , 269, 150-160	7.3	101
127	High vacuum distillation of ionic liquids and separation of ionic liquid mixtures. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1772-83	3.6	94
126	Fatigue life evaluation of aligned plant fibre composites through S-N curves and constant-life diagrams. <i>Composites Science and Technology</i> , 2013 , 74, 139-149	8.6	84

125	Vaporisation of an ionic liquid near room temperature. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 8893-901	3.6	71
124	Non-classical diffusion in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 10147-54	3.6	71
123	Water adsorption on a liquid surface. <i>Chemical Communications</i> , 2007 , 4866-8	5.8	71
122	Continuous Asymmetric Hydrogenation in Supercritical Carbon Dioxide using an Immobilised Homogeneous Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1605-1610	5.6	67
121	Pyrrolidinium-based ionic liquids. 1-Butyl-1-methyl pyrrolidinium dicyanoamide: thermochemical measurement, mass spectrometry, and ab initio calculations. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 11734-42	3.4	66
120	X-ray Photoelectron Spectroscopy of Pyridinium-Based Ionic Liquids: Comparison to Imidazolium- and Pyrrolidinium-Based Analogues. <i>ChemPhysChem</i> , 2015 , 16, 2211-8	3.2	64
119	Ultramicroelectrode voltammetry and scanning electrochemical microscopy in room-temperature ionic liquid electrolytes. <i>Chemical Society Reviews</i> , 2010 , 39, 4185-94	58.5	62
118	Free-Radical Polymerization in Ionic Liquids: The Case for a Protected Radical. <i>Macromolecules</i> , 2008 , 41, 2814-2820	5.5	62
117	Continuous catalytic asymmetric hydrogenation in supercritical CO ₂ . <i>Green Chemistry</i> , 2004 , 6, 521	10	61
116	The enthalpies of vaporisation of ionic liquids: new measurements and predictions. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 3181-93	3.6	60
115	Chlorostannate(II) ionic liquids: speciation, Lewis acidity, and oxidative stability. <i>Inorganic Chemistry</i> , 2013 , 52, 1710-21	5.1	60
114	Supercritical fluids: A route to palladium-aerogel nanocomposites. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1212		60
113	Tuning the electronic environment of cations and anions using ionic liquid mixtures. <i>Chemical Science</i> , 2014 , 5, 2573-2579	9.4	59
112	Selective monoprotection of 1,n-terminal Diols in supercritical carbon dioxide: a striking example of solvent tunable desymmetrization. <i>Journal of the American Chemical Society</i> , 2005 , 127, 293-8	16.4	59
111	Amino acid-based ionic liquids: using XPS to probe the electronic environment via binding energies. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 17737-48	3.6	58
110	Spectroelectrochemistry at ultrahigh vacuum: in situ monitoring of electrochemically generated species by X-ray photoelectron spectroscopy. <i>Chemical Communications</i> , 2009 , 5817-9	5.8	58
109	Large-aperture variable-volume view cell for the determination of phase-equilibria in high pressure systems and supercritical fluids. <i>Review of Scientific Instruments</i> , 2004 , 75, 3233-3236	1.7	57
108	The tensile behavior of off-axis loaded plant fiber composites: An insight on the nonlinear stress-strain response. <i>Polymer Composites</i> , 2012 , 33, 1494-1504	3	56

107	Heterogeneous electron transfer kinetics at the ionic liquid/metal interface studied using cyclic voltammetry and scanning electrochemical microscopy. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 13292-4	3.4	55
106	Dispersion Polymerization of Methyl Methacrylate in Supercritical Carbon Dioxide: An Investigation into Stabilizer Anchor Group. <i>Macromolecules</i> , 2005 , 38, 3271-3282	5.5	53
105	Effect of viscosity on steady-state voltammetry and scanning electrochemical microscopy in room temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 4442-50	3.4	50
104	Hydrogen Oxidation and Oxygen Reduction at Platinum in Protic Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18048-18056	3.8	45
103	Vaporisation of a dicationic ionic liquid. <i>ChemPhysChem</i> , 2009 , 10, 337-40	3.2	45
102	Reactive DESI-MS imaging of biological tissues with dicationic ion-pairing compounds. <i>Analytical Chemistry</i> , 2015 , 87, 3286-93	7.8	44
101	An ultra high vacuum-spectroelectrochemical study of the dissolution of copper in the ionic liquid (N-methylacetate)-4-picolinium bis(trifluoromethylsulfonyl)imide. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1982-90	3.6	43
100	Ecotoxicity assessment of dicationic versus monocationic ionic liquids as a more environmentally friendly alternative. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 150, 129-135	7	42
99	XPS of guanidinium ionic liquids: a comparison of charge distribution in nitrogenous cations. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 11839-47	3.6	40
98	Speciation of chloroindate(III) ionic liquids. <i>Dalton Transactions</i> , 2010 , 39, 8679-87	4.3	40
97	Friedel-Crafts Alkylation of Anisole in Supercritical Carbon Dioxide: A Comparative Study of Catalysts. <i>Organic Process Research and Development</i> , 2005 , 9, 451-456	3.9	40
96	Kinetics and mechanism of oxygen reduction in a protic ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 7548-54	3.6	39
95	Continuous heterogeneous catalytic oxidation of primary and secondary alcohols in scCO ₂ . <i>Green Chemistry</i> , 2010 , 12, 310	10	39
94	Vaporisation and thermal decomposition of dialkylimidazolium halide ion ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 1339-53	3.6	38
93	Acidity and basicity of halometallate-based ionic liquids from X-ray photoelectron spectroscopy. <i>RSC Advances</i> , 2013 , 3, 9436	3.7	38
92	Iodide/triiodide electrochemistry in ionic liquids: Effect of viscosity on mass transport, voltammetry and scanning electrochemical microscopy. <i>Electrochimica Acta</i> , 2011 , 56, 10313-10320	6.7	38
91	Electromagnetic simulations of microwave heating experiments using reaction vessels made out of silicon carbide. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 10793-800	3.6	38
90	Synthesis and CO ₂ Solubility Studies of Poly(ether carbonate)s and Poly(ether ester)s Produced by Step Growth Polymerization. <i>Macromolecules</i> , 2005 , 38, 1691-1698	5.5	38

89	On the diffusion of ferrocenemethanol in room-temperature ionic liquids: an electrochemical study. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 10155-64	3.6	37
88	Hydroxyethylcellulose surface treatment of natural fibres: the new TwistIn yarn preparation and optimization for composites applicability. <i>Journal of Materials Science</i> , 2012 , 47, 2700-2711	4.3	35
87	RAFT-functional ionic liquids: towards understanding controlled free radical polymerisation in ionic liquids. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2679		35
86	On the real catalytically active species for CO ₂ fixation into cyclic carbonates under near ambient conditions: Dissociation equilibrium of [BMIm][Fe(NO)2Cl2] dependant on reaction temperature. <i>Applied Catalysis B: Environmental</i> , 2019 , 245, 240-250	21.8	35
85	X-ray photoelectron spectroscopy of ferrocenyl- and ferrocenium-based ionic liquids. <i>ChemPhysChem</i> , 2012 , 13, 1917-26	3.2	34
84	The co-entrapment of a homogeneous catalyst and an ionic liquid by a sol-gel method: recyclable ionogel hydrogenation catalysts. <i>Chemistry - A European Journal</i> , 2009 , 15, 7094-100	4.8	34
83	Does the influence of substituents impact upon the surface composition of pyrrolidinium-based ionic liquids? An angle resolved XPS study. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 5229-38	3.6	33
82	The vapour of imidazolium-based ionic liquids: a mass spectrometry study. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 16841-50	3.6	31
81	The automation of continuous reactions in supercritical CO ₂ : the acid-catalysed etherification of short chain alcohols. <i>Green Chemistry</i> , 2005 , 7, 456	10	31
80	Polymerization of Vinylidene Fluoride in Supercritical Carbon Dioxide: Effects of Poly(dimethylsiloxane) Macromonomer on Molecular Weight and Morphology of Poly(vinylidene fluoride). <i>Macromolecules</i> , 2005 , 38, 355-363	5.5	31
79	The immobilisation of phenoxaphosphine-modified xanthene-type ligand on polysiloxane support and application thereof in the hydroformylation reaction. <i>Journal of Molecular Catalysis A</i> , 2004 , 224, 145-152		31
78	Mechanical Property Characterization of Aligned Plant Yarn Reinforced Thermoset Matrix Composites Manufactured via Vacuum Infusion. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 239-253		29
77	NMR as a probe of nanostructured domains in ionic liquids: Does domain segregation explain increased performance of free radical polymerisation?. <i>Chemical Science</i> , 2011 , 2, 1810	9.4	27
76	Dielectric spectroscopy: a technique for the determination of water coordination within ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 2947-51	3.6	27
75	Green Chemistry in Ethiopia: the cleaner extraction of essential oils from <i>Artemisia afra</i> : a comparison of clean technology with conventional methodology. <i>Green Chemistry</i> , 2005 , 7, 352	10	27
74	Electrocatalytic oxidation of methanol and carbon monoxide at platinum in protic ionic liquids. <i>Electrochemistry Communications</i> , 2012 , 23, 122-124	5.1	25
73	Rewritable imaging on the surface of frozen ionic liquids. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4163-5	16.4	25
72	Moringa stenopetala seed oil as a potential feedstock for biodiesel production in Ethiopia. <i>Green Chemistry</i> , 2010 , 12, 316	10	24

71	Tuning cation-anion interactions in ionic liquids by changing the conformational flexibility of the cation. <i>Chemical Communications</i> , 2014 , 50, 12080-3	5.8	23
70	Borane-substituted imidazol-2-ylidenes: syntheses in vacuo. <i>Dalton Transactions</i> , 2011 , 40, 1463-70	4.3	23
69	Vaporisation of a dicationic ionic liquid revisited. <i>ChemPhysChem</i> , 2010 , 11, 3673-7	3.2	22
68	UN sustainable development goals: How can sustainable/green chemistry contribute? By doing things differently. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2018 , 13, 146-149	7.9	21
67	Studies of the Interaction of Ionic Liquid and Gas in a Small-Diameter Bubble Column. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 7938-7944	3.9	21
66	The synthesis of o-cyclohexylphenol in supercritical carbon dioxide: towards a continuous two-step reaction. <i>Green Chemistry</i> , 2007 , 9, 797	10	21
65	The Putative mevalonate diphosphate decarboxylase from <i>Picrophilus torridus</i> is in reality a mevalonate-3-kinase with high potential for bioproduction of isobutene. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 2625-34	4.8	20
64	Spectroscopic analysis of 1-butyl-2,3-dimethylimidazolium ionic liquids: Cation-anion interactions. <i>Chemical Physics Letters</i> , 2017 , 674, 86-89	2.5	19
63	Enzymatic synthesis of epoxy fatty acid starch ester in ionic liquid/organic solvent mixture from vernonia oil. <i>Starch/Staerke</i> , 2014 , 66, 385-392	2.3	19
62	In situ XPS monitoring of bulk ionic liquid reactions: shedding light on organic reaction mechanisms. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4789-91	16.4	18
61	Thermally-Stable Imidazolium Dicationic Ionic Liquids with Pyridine Functional Groups. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 8762-8772	8.3	18
60	In vitro cytotoxicity assessment of monocationic and dicationic pyridinium-based ionic liquids on HeLa, MCF-7, BGM and EA.hy926 cell lines. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121513	12.8	18
59	Tuning the electronic environment of the anion by using binary ionic liquid mixtures. <i>Chemical Physics Letters</i> , 2017 , 681, 40-43	2.5	17
58	Probing solvation in ionic liquids via the electrochemistry of the DPPH radical. <i>Journal of the American Chemical Society</i> , 2012 , 134, 15636-9	16.4	17
57	Tuning the Reactivity of TEMPO during Electrocatalytic Alcohol Oxidations in Room-Temperature Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11691-11699	8.3	16
56	Directly probing the effect of the solvent on a catalyst electronic environment using X-ray photoelectron spectroscopy. <i>RSC Advances</i> , 2015 , 5, 35958-35965	3.7	16
55	Supramolecular architectures of symmetrical dicationic ionic liquid based systems. <i>CrystEngComm</i> , 2012 , 14, 4886	3.3	16
54	Tunable Ionic Control of Polymeric Films for Inkjet Based 3D Printing. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 3984-3991	8.3	15

53	The Formation and Role of Oxide Layers on Pt during Hydrazine Oxidation in Protic Ionic Liquids. <i>ChemElectroChem</i> , 2014 , 1, 281-288	4.3	14
52	Enantiomerically pure 2,2-dibromocyclopropanecarboxylic acids, simple chiral building blocks. <i>Tetrahedron</i> , 1999 , 55, 2773-2784	2.4	14
51	Expectations for Manuscripts Contributing to the Field of Solvents in ACS Sustainable Chemistry & Engineering. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 14627-14629	8.3	14
50	The influence of domain segregation in ionic liquids upon controlled polymerisation mechanisms: RAFT polymerisation. <i>Polymer Chemistry</i> , 2013 , 4, 1337-1344	4.9	13
49	Supercritical fluids: green solvents for green chemistry?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015 , 373,	3	13
48	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. <i>Rapid Communications in Mass Spectrometry</i> , 2014 , 28, 616-24	2.2	13
47	The impact of cation acidity and alkyl substituents on the cation-anion interactions of 1-alkyl-2,3-dimethylimidazolium ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 11058-11065 ^{3.6}	3.6	11
46	Probing liquid behaviour by helium atom scattering: surface structure and phase transitions of an ionic liquid on Au(111). <i>Chemical Science</i> , 2014 , 5, 667-676	9.4	11
45	Continuous-flow alkene metathesis: the model reaction of 1-octene catalyzed by Re ₂ O ₇ /EAl ₂ O ₃ with supercritical CO ₂ as a carrier. <i>Green Chemistry</i> , 2012 , 14, 2727	10	11
44	Study of the Stability of 1-Alkyl-3-methylimidazolium Hexafluoroantimonate(V) Based Ionic Liquids Using X-ray Photoelectron Spectroscopy. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 5953-5962 ^{8.3}	8.3	11
43	Resolving X-ray photoelectron spectra of ionic liquids with difference spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018 , 21, 114-123	3.6	10
42	Supercriticality—a dramatic but safe demonstration of the critical point. <i>Green Chemistry</i> , 2004 , 6, 352-354 ⁴⁰	40	10
41	Luminescent dansyl-based ionic liquids from amino acids and methylcarbonate onium salt precursors: synthesis and photobehaviour. <i>Green Chemistry</i> , 2015 , 17, 538-550	10	9
40	X-ray photoelectron spectroscopy as a probe of rhodium-ligand interaction in ionic liquids. <i>Chemical Physics Letters</i> , 2016 , 645, 53-58	2.5	9
39	Thermal stability of dialkylimidazolium tetrafluoroborate and hexafluorophosphate ionic liquids: ex situ bulk heating to complement in situ mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 16786-16800	3.6	9
38	Synthesis of starch vernolate in 1-butyl-3-methylimidazolium chloride ionic liquid. <i>Starch/Staerke</i> , 2015 , 67, 200-203	2.3	9
37	Comment on Critical Properties, Normal Boiling Temperatures, and Acentric Factors of Fifty Ionic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 6061-6062	3.9	9
36	Molecular Control of the Catalytic Properties of Rhodium Nanoparticles in Supported Ionic Liquid Phase (SILP) Systems. <i>ACS Catalysis</i> , 2020 , 10, 13904-13912	13.1	9

35	Synthesis and characterization data of monocationic and dicationic ionic liquids or molten salts. <i>Data in Brief</i> , 2018 , 19, 769-788	1.2	9
34	Can a Siphon Work In Vacuo?. <i>Journal of Chemical Education</i> , 2011 , 88, 1547-1550	2.4	8
33	X-ray photoelectron spectroscopy of trihalide ionic liquids: Comparison to halide-based analogues, anion basicity and beam damage. <i>Chemical Physics Letters</i> , 2017 , 679, 207-211	2.5	7
32	Probing the electronic environment of binary and ternary ionic liquid mixtures by X-ray photoelectron spectroscopy. <i>Chemical Physics Letters</i> , 2017 , 686, 74-77	2.5	7
31	An ARXPS and ERXPS study of quaternary ammonium and phosphonium ionic liquids: utilising a high energy Ag L ₂₃ -ray source. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 6122-31	3.6	6
30	Phase behaviour and conductivity of supporting electrolytes in supercritical difluoromethane and 1,1-difluoroethane. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 14359-69	3.6	5
29	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. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 17394-17400	3.6	5
28	The impact of sulfur functionalisation on nitrogen-based ionic liquid cations. <i>Chemical Communications</i> , 2018 , 54, 11403-11406	5.8	5
27	C-F Bond Activation of a Perfluorinated Ligand Leading to Nucleophilic Fluorination of an Organic Electrophile. <i>Organometallics</i> , 2020 , 39, 2116-2124	3.8	4
26	Rewritable Imaging on the Surface of Frozen Ionic Liquids. <i>Angewandte Chemie</i> , 2007 , 119, 4241-4243	3.6	4
25	X-ray photoelectron spectroscopy of piperidinium ionic liquids: a comparison to the charge delocalised pyridinium analogues. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 11976-11983	3.6	3
24	Collaborations. Empowering green chemists in Ethiopia. <i>Science</i> , 2007 , 316, 1849-50	33.3	3
23	The synthesis and characterisation of bis(phenylpyridylphosphino)ethane. <i>Journal of Organometallic Chemistry</i> , 2000 , 598, 103-107	2.3	3
22	Ferrocenylhydroxyquinolines. <i>Polyhedron</i> , 1996 , 15, 4087-4092	2.7	3
21	Probing the electronic structure of ether functionalised ionic liquids using X-ray photoelectron spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 1624-1631	3.6	3
20	Tuning the Cation-Anion Interactions by Methylation of the Pyridinium Cation: An X-ray Photoelectron Spectroscopy Study of Picolinium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 6657-6663	3.4	3
19	Ionic Liquids-Cobalt(II) Thermo-chromic Complexes: How the Structure Tunability Affects Self-Contained Systems. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 4064-4075	8.3	3
18	Blurring the boundary between homogenous and heterogeneous catalysis using palladium nanoclusters with dynamic surfaces. <i>Nature Communications</i> , 2021 , 12, 4965	17.4	3

17	What Is an Ionic Liquid? 2015 , 1-12		2
16	In-situ-XPS-Studien von Reaktionen ionischer Flüssigkeiten: Einblicke in organische Reaktionsmechanismen. <i>Angewandte Chemie</i> , 2012 , 124, 4872-4874	3.6	2
15	The Evolution of ACS Sustainable Chemistry & Engineering. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 1-1	8.3	2
14	Linking the Thermal and Electronic Properties of Functional Dicationic Salts with Their Molecular Structures. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 6224-6234	8.3	2
13	Shaping Effective Practices for Incorporating Sustainability Assessment in Manuscripts Submitted to ACS Sustainable Chemistry & Engineering: An Initiative by the Editors. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 3977-3978	8.3	2
12	In Situ Sulfidation of Pd/C: A Straightforward Method for Chemoselective Conjugate Reduction by Continuous Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 16814-16819	8.3	1
11	Effect of dicationic ionic liquids on lyotropic liquid crystals formed by a binary system composed of Triton-X 100 and water. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 657, 95-101	0.5	1
10	Ionic Liquids Studied at Ultra-High Vacuum 2012 , 251-282		1
9	Thermolysis of Organofluoroborate Ionic Liquids to NHC-Organofluoroborates. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 16386-16390	8.3	1
8	Experimental measurement and prediction of ionic liquid ionisation energies. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 20957-20973	3.6	1
7	Economics and Scale-Up 734-746		1
6	An Introduction To Supercritical Fluids: From Bench Scale to Commercial Plant. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2008 , 171-191		1
5	Nucleophilic Fluorination Catalyzed by a Cyclometallated Rhodium Complex.. <i>Organometallics</i> , 2022 , 41, 883-891	3.8	1
4	Expectations for Perspectives in ACS Sustainable Chemistry & Engineering. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 16528-16530	8.3	0
3	ACS Sustainable Chemistry & Engineering Welcomes Manuscripts on Advanced E-Waste Recycling. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 3624-3625	8.3	0
2	High Yielding Continuous-Flow Synthesis of Norketamine.. <i>Organic Process Research and Development</i> , 2022 , 26, 1145-1151	3.9	0
1	Diffuse Reflection Infrared Fourier Transform Spectroscopy and Partial Least Squares Regression Analysis for Temperature Prediction of Irreversible Thermochromic Paints.. <i>Applied Spectroscopy</i> , 2022 , 37028211065759	3.1	