

Juliusz Pernak

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135
papers

5,867
citations

42
h-index

73
g-index

155
ext. papers

6,444
ext. citations

4.2
avg, IF

5.64
L-index

#	Paper	IF	Citations
135	The third evolution of ionic liquids: active pharmaceutical ingredients. <i>New Journal of Chemistry</i> , 2007 , 31, 1429	1.2	665
134	Anti-microbial activities of ionic liquids. <i>Green Chemistry</i> , 2003 , 5, 52-56	3.4	388
133	Anti-microbial activities of protic ionic liquids with lactate anion. <i>Green Chemistry</i> , 2004 , 6, 323	3.4	308
132	Synthesis, anti-microbial activities and anti-electrostatic properties of phosphonium-based ionic liquids. <i>Green Chemistry</i> , 2005 , 7, 855	3.4	167
131	New Ionic Liquids and Their Antielectrostatic Properties. <i>Industrial & Engineering Chemistry Research</i> , 2001 , 40, 2379-2383	1.6	156
130	Suppression of deleterious effects of free silanols in liquid chromatography by imidazolium tetrafluoroborate ionic liquids. <i>Journal of Chromatography A</i> , 2004 , 1030, 263-71	1.5	153
129	Ionic liquids with dual biological function: sweet and anti-microbial, hydrophobic quaternary ammonium-based salts. <i>New Journal of Chemistry</i> , 2009 , 33, 26-33	1.2	152
128	Room-temperature phosphonium ionic liquids for supercapacitor application. <i>Applied Physics Letters</i> , 2005 , 86, 164104	1.1	148
127	Choline-derivative-based ionic liquids. <i>Chemistry - A European Journal</i> , 2007 , 13, 6817-27	1.2	134
126	Long alkyl chain quaternary ammonium-based ionic liquids and potential applications. <i>Green Chemistry</i> , 2006 , 8, 798	3.4	131
125	Ionic liquids with symmetrical dialkoxymethyl-substituted imidazolium cations. <i>Chemistry - A European Journal</i> , 2004 , 10, 3479-85	1.2	130
124	Ionic liquids with herbicidal anions. <i>Tetrahedron</i> , 2011 , 67, 4838-4844	0.6	126
123	Synthesis and properties of chiral ammonium-based ionic liquids. <i>Chemistry - A European Journal</i> , 2005 , 11, 4441-9	1.2	123
122	Synthesis and anti-microbial activities of some pyridinium salts with alkoxymethyl hydrophobic group. <i>European Journal of Medicinal Chemistry</i> , 2001 , 36, 899-907	2	117
121	Synthesis and antimicrobial activities of new pyridinium and benzimidazolium chlorides. <i>European Journal of Medicinal Chemistry</i> , 2001 , 36, 313-20	2	110
120	Ionic liquid forms of the herbicide dicamba with increased efficacy and reduced volatility. <i>Green Chemistry</i> , 2013 , 15, 2110	3.4	97
119	Synthesis and anti-microbial activities of choline-like quaternary ammonium chlorides. <i>European Journal of Medicinal Chemistry</i> , 2003 , 38, 1035-42	2	97

118	Synthesis, toxicity, biodegradability and physicochemical properties of 4-benzyl-4-methylmorpholinium-based ionic liquids. <i>Green Chemistry</i> , 2011 , 13, 2901	3.4	77
117	Diels-Alder reaction in protic ionic liquids. <i>Tetrahedron Letters</i> , 2006 , 47, 4079-4083	0.5	71
116	Synthesis and properties of chiral imidazolium ionic liquids with a (1R,2S,5R)-(-)-menthoxymethyl substituent. <i>New Journal of Chemistry</i> , 2007 , 31, 879-892	1.2	68
115	2,4-D based herbicidal ionic liquids. <i>Tetrahedron</i> , 2012 , 68, 4267-4273	0.6	65
114	Ionic liquids in embalming and tissue preservation. Can traditional formalin-fixation be replaced safely?. <i>Acta Histochemica</i> , 2003 , 105, 135-42	0.8	63
113	Herbicidal Ionic Liquids with 2,4-D. <i>Weed Science</i> , 2012 , 60, 189-192	0.8	61
112	Synthesis and properties of trigeminal tricationic ionic liquids. <i>Chemistry - A European Journal</i> , 2007 , 13, 3106-12	1.2	60
111	Long-alkyl-chain quaternary ammonium lactate based ionic liquids. <i>Chemistry - A European Journal</i> , 2008 , 14, 9305-11	1.2	56
110	N-(1-benzotriazol-1-ylalkyl)amides, versatile .alpha.-amidoalkylation reagents. 1. .alpha.-Amidoalkylation of CH acids. <i>Journal of Organic Chemistry</i> , 1991 , 56, 4439-4443	0.9	56
109	Ionic liquids as herbicides and plant growth regulators. <i>Tetrahedron</i> , 2013 , 69, 4665-4669	0.6	55
108	Phosphonium Acesulfamate Based Ionic Liquids. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 6506-6512	0.7	54
107	Cellulose-TiO ₂ nanocomposite with enhanced UV-vis light absorption. <i>Cellulose</i> , 2013 , 20, 1293-1300	2.1	52
106	Metsulfuron-methyl-based herbicidal ionic liquids. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 3357-66	2.1	50
105	Glyphosate-Based Herbicidal Ionic Liquids with Increased Efficacy. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 2845-2851	3.1	48
104	Mandelate and prolnate ionic liquids: synthesis, characterization, catalytic and biological activity. <i>Tetrahedron Letters</i> , 2011 , 52, 1325-1328	0.5	48
103	N-[1-(Benzotriazol-1-yl)alkyl]amides, versatile amidoalkylation reagents. 5. A general and convenient route to N-(.alpha.-alkoxyalkyl)amides. <i>Journal of Organic Chemistry</i> , 1992 , 57, 547-549	0.9	48
102	Sulfonyl derivatives of benzotriazole: Part 1. A novel approach to the activation of carboxylic acids. <i>Tetrahedron</i> , 1992 , 48, 7817-7822	0.6	48
101	Synthesis, properties and evaluation of biological activity of herbicidal ionic liquids with 4-(4-chloro-2-methylphenoxy)butanoate anion. <i>RSC Advances</i> , 2016 , 6, 7330-7338	1.3	47

100	Two Herbicides in a Single Compound: Double Salt Herbicidal Ionic Liquids Exemplified with Glyphosate, Dicamba, and MCPA. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6261-6273	3.1	45
99	Phenoxy herbicidal ammonium ionic liquids. <i>Tetrahedron</i> , 2014 , 70, 4784-4789	0.6	45
98	Confinement of Symmetric Tetraalkylammonium Ions in Nanoporous Carbon Electrodes of Electric Double-Layer Capacitors. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13443-13449	1.2	45
97	The properties of 1-alkoxymethyl-3-hydroxypyridinium and 1-alkoxymethyl-3-dimethylaminopyridinium chlorides. <i>Journal of Surfactants and Detergents</i> , 2003 , 6, 119-123	0.8	44
96	Betaine and Carnitine Derivatives as Herbicidal Ionic Liquids. <i>Chemistry - A European Journal</i> , 2016 , 22, 12012-21	1.2	43
95	Herbicidal ionic liquid with dual-function. <i>Tetrahedron</i> , 2013 , 69, 8132-8136	0.6	42
94	3-Alkoxymethyl-1-(1R,2S,5R)-1-menthoxymethylimidazolium salts-based chiral ionic liquids. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 2709-2718		42
93	Herbicidal ionic liquids based on esterquats. <i>New Journal of Chemistry</i> , 2015 , 39, 5715-5724	1.2	41
92	Cytotoxicity, acute and subchronic toxicity of ionic liquid, didecyldimethylammonium saccharinate, in rats. <i>Regulatory Toxicology and Pharmacology</i> , 2010 , 57, 266-73	1.2	40
91	Influence of oligomeric herbicidal ionic liquids with MCPA and Dicamba anions on the community structure of autochthonic bacteria present in agricultural soil. <i>Science of the Total Environment</i> , 2016 , 563-564, 247-55	3.9	39
90	Hydrosilylation of functionalised olefins catalysed by rhodium siloxide complexes in ionic liquids. <i>Green Chemistry</i> , 2009 , 11, 1045	3.4	39
89	Phase Equilibria of an Ammonium Ionic Liquid with Organic Solvents and Water. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 309-314	1	36
88	Multifunctional long-alkyl-chain quaternary ammonium azolate based ionic liquids. <i>New Journal of Chemistry</i> , 2010 , 34, 2281	1.2	33
87	Ionic Liquids and Paper. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 4599-4604	1.6	33
86	Herbicidal ionic liquids derived from renewable sources. <i>RSC Advances</i> , 2016 , 6, 52781-52789	1.3	32
85	Bioherbicidal Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 2741-2750	3.1	31
84	Biodegradable herbicidal ionic liquids based on synthetic auxins and analogues of betaine. <i>New Journal of Chemistry</i> , 2017 , 41, 8066-8077	1.2	29
83	Phase equilibria of didecyldimethylammonium nitrate ionic liquid with water and organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 729-736	1	28

82	Chiral pyridinium-based ionic liquids containing the (1R,2S,5R)- β -menthyl group. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 1728-1737		28
81	Ionic Liquids Derived from Vitamin C as Multifunctional Active Ingredients for Sustainable Stored-Product Management. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1072-1084	3.1	28
80	Ionic Liquids as Vulcanization Accelerators. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 5012-5017	1.6	27
79	Protic ionic liquids with organic anion as wood preservative. <i>Holzforschung</i> , 2005 , 59, 473-475	0.7	27
78	Ionic liquids with a theophyllinate anion. <i>New Journal of Chemistry</i> , 2014 , 38, 3146-3153	1.2	26
77	Synthesis and Aqueous Ozonation of Some Pyridinium Salts with Alkoxymethyl and Alkylthiomethyl Hydrophobic Groups. <i>Industrial & Engineering Chemistry Research</i> , 2004 , 43, 1966-1974	1.6	26
76	Biobased Ionic Liquids with Abietate Anion. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6543-6550	1.0	26
75	Alkyl(C, C, C)trimethylammonium-Based Herbicidal Ionic Liquids. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 260-269	2.1	25
74	Synthesis and properties of ammonium ionic liquids with cyclohexyl substituent and dissolution of cellulose. <i>RSC Advances</i> , 2012 , 2, 8429	1.3	25
73	Efficacy of herbicidal ionic liquids and choline salt based on 2,4-D. <i>Crop Protection</i> , 2017 , 98, 85-93	0.9	24
72	Ammonium ionic liquids with anions of natural origin. <i>RSC Advances</i> , 2015 , 5, 65471-65480	1.3	24
71	Ionic liquids based stored product insect antifeedants. <i>RSC Advances</i> , 2013 , 3, 25019	1.3	22
70	N-[1-(Benzotriazol-1-yl)alkyl]amides, Versatile Amidoalkylation Reagents. Part 2. Amidoalkylation of Aromatic Compounds. <i>Synthesis</i> , 1991 , 1991, 868-870	0.6	22
69	Influence of the alkyl chain length on the physicochemical properties and biological activity in a homologous series of dichlorprop-based herbicidal ionic liquids. <i>Journal of Molecular Liquids</i> , 2019 , 276, 431-440	2.2	22
68	Synthesis and Structure-Property Relationships in Herbicidal Ionic Liquids and their Double Salts. <i>ChemPlusChem</i> , 2018 , 83, 529-541	1	21
67	Ionic liquids as an alternative to formalin in histopathological diagnosis. <i>Acta Histochemica</i> , 2005 , 107, 149-56	0.8	21
66	New Quaternary Ammonium Chlorides - Wood Preservatives. <i>Holzforschung</i> , 1998 , 52, 249-254	0.7	21
65	Known triazole fungicides β new trick. <i>RSC Advances</i> , 2015 , 5, 9695-9702	1.3	20

64	N-[1-(Benzotriazol-1-yl)alkyl]amides, Versatile Amidoalkylation Reagents. Part 3.1 Syntheses of Open-Chain N-Protected-Hemithioaminals. <i>Synthesis</i> , 1991 , 1991, 1147-1150	0.6	20
63	Ammonium bio-ionic liquids based on camelina oil as potential novel agrochemicals.. <i>RSC Advances</i> , 2018 , 8, 28676-28683	1.3	19
62	Diallyldimethylammonium and trimethylvinylammonium ionic liquids Synthesis and application to catalysis. <i>Applied Catalysis A: General</i> , 2013 , 451, 168-175	1.9	17
61	Sweet ionic liquids-cyclamates: Synthesis, properties, and application as feeding deterrents. <i>Science China Chemistry</i> , 2012 , 55, 1532-1541	2.5	17
60	1-Alkoxyethyl-X-dimethylaminopyridinium-base ionic liquids in wood preservation. <i>Holzforschung</i> , 2008 , 62,	0.7	17
59	Synthesis of N-[1-(Imidazol-1-yl)alkyl]amides. <i>Synthesis</i> , 1994 , 1994, 1415-1417	0.6	17
58	Bio-ionic Liquids as Adjuvants for Sulfonylurea Herbicides. <i>Weed Science</i> , 2018 , 66, 404-414	0.8	16
57	Effect of chiral ionic liquids on palladium-catalyzed Heck arylation of 2,3-dihydrofuran. <i>Applied Catalysis A: General</i> , 2011 , 409-410, 148-155	1.9	16
56	Palladium-catalyzed asymmetric Heck arylation of 2,3-dihydrofuran--effect of proline salts. <i>Dalton Transactions</i> , 2013 , 42, 1215-22	1.3	15
55	Transformation of Indole-3-butyric Acid into Ionic Liquids as a Sustainable Strategy Leading to Highly Efficient Plant Growth Stimulators. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 1591-1598 ^{3.1}		15
54	Synthesis, Properties, and Antimicrobial Activity of 1-Alkyl-4-hydroxy-1-methylpiperidinium Ionic Liquids with Mandelate Anion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15053-15063	3.1	14
53	Inhibition of germination and early growth of rape seed (<i>Brassica napus</i> L.) by MCPA in anionic and ester form. <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 699-711	0.9	14
52	Pyrylium sulfonate based ionic liquids. <i>Tetrahedron Letters</i> , 2011 , 52, 4342-4345	0.5	14
51	Ionic liquids for the production of insecticidal and microbicidal extracts of the fungus <i>Cantharellus cibarius</i> . <i>Chemistry and Biodiversity</i> , 2007 , 4, 2218-24	0.8	14
50	Synthesis, properties and adjuvant activity of docusate-based ionic liquids in pesticide formulations. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 78, 440-447	2.3	13
49	Dicamba-Based Herbicides: Herbicidal Ionic Liquids versus Commercial Forms. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 4588-4594	2.1	13
48	Studies on the thermal decarboxylation of 1-alkoxycarbonylbenzotriazoles. <i>Journal of Physical Organic Chemistry</i> , 1993 , 6, 567-573	0.5	13
47	Herbicidal Ionic Liquids: A Promising Future for Old Herbicides? Review on Synthesis, Toxicity, Biodegradation, and Efficacy Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 10456-10488 ^{2.1}		13

46	Catalytic cycloisomerisation of 1,6-dienes in ionic liquids. <i>Tetrahedron</i> , 2008 , 64, 3687-3690	0.6	11
45	Protic, Imidazolium Ionic Liquids as Media for (Z)- to (E)-Alkene Isomerization. <i>Chemistry Letters</i> , 2006 , 35, 210-211	0.5	11
44	Preparation and characterization of functionalized precipitated silica SYLOID [®] 244 using ionic liquids as modifiers. <i>Surface and Interface Analysis</i> , 2004 , 36, 1491-1496	0.5	11
43	Difunctional ammonium ionic liquids with bicyclic cations. <i>New Journal of Chemistry</i> , 2019 , 43, 4477-4488	1.2	11
42	Herbicidal Ionic Liquids Containing the Acetylcholine Cation. <i>ChemPlusChem</i> , 2019 , 84, 268-276	1	10
41	Positive electrode material in lead-acid car battery modified by protic ammonium ionic liquid. <i>Journal of Energy Storage</i> , 2019 , 26, 100996	3.2	10
40	Protic ionic liquids with N-chloroalkyl functionalized cations as electrolytes for carbon-based electrochemical capacitors. <i>Electrochimica Acta</i> , 2017 , 246, 971-980	2.3	10
39	Electrochemical properties of positive electrode in lead-acid battery modified by ammonium-based ionic liquids. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 919-930	0.8	10
38	Epoxy resins cured with ionic liquids as novel supports for metal complex catalysts. <i>Comptes Rendus Chimie</i> , 2013 , 16, 752-760	0.7	9
37	Glycine betaine-based ionic liquids and their influence on bacteria, fungi, insects and plants. <i>New Journal of Chemistry</i> , 2021 , 45, 6344-6355	1.2	9
36	Palladium catalyzed heck arylation of 2,3-dihydrofuran-effect of the palladium precursor. <i>Molecules</i> , 2014 , 19, 8402-13	1.7	8
35	Acute and subacute (28-day) toxicity studies of ionic liquid, didecyldimethyl ammonium acesulfamate, in rats. <i>Drug and Chemical Toxicology</i> , 2009 , 32, 395-404	0.7	8
34	Synthesis and properties of ionic liquids based on mecoprop. <i>New Journal of Chemistry</i> , 2018 , 42, 17259-17267	1.2	8
33	Influence of counterions on the interaction of pyridinium salts with model membranes. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1999 , 54, 952-5	0.6	7
32	Quantitative relation between surface active properties and antibiotic activity of 1-alkyl-3-alkylthiomethylimidazolium chlorides. <i>Chemical and Pharmaceutical Bulletin</i> , 1995 , 43, 2019-20	0.5	7
31	Synthesis and bactericidal properties of pyridinium chlorides with alkylthiomethyl and alkoxyethyl hydrophobic groups. <i>Journal of Pharmaceutical Sciences</i> , 1991 , 80, 91-5	1.1	7
30	Choline-based ionic liquids as adjuvants in pesticide formulation. <i>Journal of Molecular Liquids</i> , 2021 , 327, 114792	2.2	7
29	Quaternary ammonium nonanoate-based ionic liquids as chemicals for crop protection. <i>European Journal of Chemistry</i> , 2016 , 7, 217-224	0.2	6

28	Synthesis and properties of gallate ionic liquids. <i>Tetrahedron</i> , 2016 , 72, 7409-7416	0.6	6
27	Quantifying the Mineralization of ¹³ C-Labeled Cations and Anions Reveals Differences in Microbial Biodegradation of Herbicidal Ionic Liquids between Water and Soil. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3412-3426	3.1	5
26	Sweet ionic liquids comprising the acesulfame anion synthesis, physicochemical properties and antifeedant activity towards stored product insects. <i>New Journal of Chemistry</i> , 2020 , 44, 7017-7028	1.2	5
25	Conversion of Quinine Derivatives into Biologically Active Ionic Liquids: Advantages, Multifunctionality, and Perspectives. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 9263-9267	3.1	4
24	Third-generation ionic liquids with -alkylated 1,4-diazabicyclo[2.2.2]octane cations and pelargonate anions.. <i>RSC Advances</i> , 2020 , 10, 8653-8663	1.3	4
23	Synthesis and antimicrobial activity of new 1-benzylbenzimidazolium chlorides. <i>Archiv Der Pharmazie</i> , 1997 , 330, 253-8	1.5	4
22	Synthesis and antibiotic activity of 1-cycloalkoxymethyl-4-dimethylaminopyridinium and 1-[(1-alkoxy)ethyl]-4-dimethylaminopyridinium chlorides. <i>Archiv Der Pharmazie</i> , 1995 , 328, 531-3	1.5	4
21	Synthesis and characterization of bio-based quaternary ammonium salts with gibberellate or l-tryptophanate anion. <i>Monatshefte Für Chemie</i> , 2020 , 151, 1365-1373	0.6	4
20	Dicationic triazolium fungicidal ionic liquids with herbicidal properties. <i>Chemical Papers</i> , 2020 , 74, 261-271.8	1.8	4
19	Synthesis and properties of new cationic surfactants: 1-Alkylthiomethyl-3-carbamoylpyridinium chlorides. <i>Journal of Surfactants and Detergents</i> , 2005 , 8, 233-239	0.8	3
18	Synthesis and antimicrobial activity of new quaternary ammonium chlorides. <i>Archiv Der Pharmazie</i> , 1996 , 329, 279-82	1.5	3
17	Use of ammonium salts or binary mixtures derived from amino acids, glycine betaine, choline and indole-3-butyric acid as plant regulators.. <i>RSC Advances</i> , 2020 , 10, 43058-43065	1.3	3
16	Synthetic auxin-based double salt ionic liquids as herbicides with improved physicochemical properties and biological activity. <i>Journal of Molecular Liquids</i> , 2021 , 334, 116452	2.2	3
15	Voltammetric sensor based on long alkyl chain tetraalkylammonium ionic liquids comprising ascorbate anion for determination of nitrite. <i>Mikrochimica Acta</i> , 2021 , 188, 54	2.2	3
14	Pharmacokinetic Profile of 1-Methylnicotinamide Nitrate in Rats. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 1412-1418	1.1	2
13	Ionic liquids based on 2-chloroethyltrimethylammonium chloride (CCC) as plant growth regulators. <i>Open Chemistry</i> , 2013 , 11, 1816-1821	0.7	2
12	Hydrogenation of cinnamaldehyde over supported palladium catalysts. <i>Polish Journal of Chemical Technology</i> , 2013 , 15, 28-32	0.4	2
11	Reaction of Phenolic Mannich Base with Trialkyl Phosphite. <i>Synthetic Communications</i> , 2000 , 30, 1535-1541.6	1.6	2

10	Synthesis and Characterization of Double-Salt Herbicidal Ionic Liquids Comprising both 4-Chloro-2-methylphenoxyacetate and trans-Cinnamate Anions. <i>ChemPlusChem</i> , 2020 , 85, 2281-2289	1	2
9	Conversion of l-Tryptophan Derivatives into Biologically Active Amino Acid Ionic Liquids. <i>ChemistrySelect</i> , 2021 , 6, 5614-5621	0.6	2
8	Synthesis and efficacy of herbicidal ionic liquids with chlorsulfuron as the anion. <i>Open Chemistry</i> , 2020 , 18, 1282-1293	0.7	1
7	Long-Chain Ionic Liquids Based on Monoquateryary DABCO Cations and TFSI Anions: Towards Stable Electrolytes for Electrochemical Capacitors. <i>ChemPlusChem</i> , 2020 , 85, 2679-2688	1	0
6	L-Carnitine-Based Bio-Ionic Liquids as Antioxidants. <i>ChemistrySelect</i> , 2021 , 6, 1994-2001	0.6	0
5	Synthesis and characterization of herbicidal ionic liquids based on (4-chloro-2-methylphenoxy)acetate and phenoxyethylammonium. <i>Chemical Papers</i> , 2021 , 75, 3607-3615	0.8	0
4	Naturally based ionic liquids with indole-3-acetate anions and cations derived from cinchona alkaloids.. <i>RSC Advances</i> , 2021 , 11, 27530-27540	1.3	0
3	Amino acid-based dicationic ionic liquids as complex crop protection agents. <i>Journal of Molecular Liquids</i> , 2022 , 119357	2.2	0
2	New Salts of N-Substituted Piracetam. <i>Industrial & Engineering Chemistry Research</i> , 2000 , 39, 2761-2765		
1	Bifunctional Double-Salt Ionic Liquids Containing both 4-Chloro-2-Methylphenoxyacetate and l-Tryptophanate Anions with Herbicidal and Antimicrobial Activity.. <i>ACS Omega</i> , 2021 , 6, 33779-33791	1.4	