

# Juliusz Pernak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/48796/publications.pdf>

Version: 2024-02-01

139  
papers

6,998  
citations

57631

44  
h-index

64668

79  
g-index

156  
all docs

156  
docs citations

156  
times ranked

4776  
citing authors

#	ARTICLE	IF	CITATIONS
1	The third evolution of ionic liquids: active pharmaceutical ingredients. <i>New Journal of Chemistry</i> , 2007, 31, 1429.	1.4	766
2	Anti-microbial activities of ionic liquids. <i>Green Chemistry</i> , 2003, 5, 52-56.	4.6	443
3	Anti-microbial activities of protic ionic liquids with lactate anion. <i>Green Chemistry</i> , 2004, 6, 323.	4.6	321
4	Synthesis, anti-microbial activities and anti-electrostatic properties of phosphonium-based ionic liquids. <i>Green Chemistry</i> , 2005, 7, 855.	4.6	192
5	New Ionic Liquids and Their Antielectrostatic Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2001, 40, 2379-2383.	1.8	183
6	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.	1.4	173
7	Room-temperature phosphonium ionic liquids for supercapacitor application. <i>Applied Physics Letters</i> , 2005, 86, 164104.	1.5	169
8	Suppression of deleterious effects of free silanols in liquid chromatography by imidazolium tetrafluoroborate ionic liquids. <i>Journal of Chromatography A</i> , 2004, 1030, 263-271.	1.8	159
9	Ionic liquids with herbicidal anions. <i>Tetrahedron</i> , 2011, 67, 4838-4844.	1.0	153
10	Choline-Derivative-Based Ionic Liquids. <i>Chemistry - A European Journal</i> , 2007, 13, 6817-6827.	1.7	151
11	Long alkyl chain quaternary ammonium-based ionic liquids and potential applications. <i>Green Chemistry</i> , 2006, 8, 798.	4.6	146
12	Ionic Liquids with Symmetrical Dialkoxymethyl-Substituted Imidazolium Cations. <i>Chemistry - A European Journal</i> , 2004, 10, 3479-3485.	1.7	145
13	Synthesis and Properties of Chiral Ammonium-Based Ionic Liquids. <i>Chemistry - A European Journal</i> , 2005, 11, 4441-4449.	1.7	139
14	Synthesis and anti-microbial activities of some pyridinium salts with alkoxymethyl hydrophobic group. <i>European Journal of Medicinal Chemistry</i> , 2001, 36, 899-907.	2.6	133
15	Synthesis and antimicrobial activities of new pyridinium and benzimidazolium chlorides. <i>European Journal of Medicinal Chemistry</i> , 2001, 36, 313-320.	2.6	119
16	Ionic liquid forms of the herbicide dicamba with increased efficacy and reduced volatility. <i>Green Chemistry</i> , 2013, 15, 2110.	4.6	112
17	Synthesis and anti-microbial activities of choline-like quaternary ammonium chlorides. <i>European Journal of Medicinal Chemistry</i> , 2003, 38, 1035-1042.	2.6	110
18	Synthesis, toxicity, biodegradability and physicochemical properties of 4-benzyl-4-methylmorpholinium-based ionic liquids. <i>Green Chemistry</i> , 2011, 13, 2901.	4.6	94

#	ARTICLE	IF	CITATIONS
19	Synthesis and properties of chiral imidazolium ionic liquids with a (1R,2S,5R)-(â€)-menthoxyethyl substituent. <i>New Journal of Chemistry</i> , 2007, 31, 879-892.	1.4	78
20	Dielsâ€Alder reaction in protic ionic liquids. <i>Tetrahedron Letters</i> , 2006, 47, 4079-4083.	0.7	75
21	2,4-D based herbicidal ionic liquids. <i>Tetrahedron</i> , 2012, 68, 4267-4273.	1.0	69
22	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.	1.7	67
23	Synthesis and Properties of Trigeminal Tricationic Ionic Liquids. <i>Chemistry - A European Journal</i> , 2007, 13, 3106-3112.	1.7	67
24	Ionic liquids in embalming and tissue preservation.. <i>Acta Histochemica</i> , 2003, 105, 135-142.	0.9	66
25	Herbicidal Ionic Liquids with 2,4-D. <i>Weed Science</i> , 2012, 60, 189-192.	0.8	66
26	Ionic liquids as herbicides and plant growth regulators. <i>Tetrahedron</i> , 2013, 69, 4665-4669.	1.0	64
27	Longâ€Alkylâ€Chain Quaternary Ammonium Lactate Based Ionic Liquids. <i>Chemistry - A European Journal</i> , 2008, 14, 9305-9311.	1.7	62
28	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.	3.2	62
29	Phosphonium Acesulfamate Based Ionic Liquids. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 650-652.	1.2	60
30	Mandelate and prolinatate ionic liquids: synthesis, characterization, catalytic and biological activity. <i>Tetrahedron Letters</i> , 2011, 52, 1325-1328.	0.7	58
31	Cellulose-TiO2 nanocomposite with enhanced UVâ€Vis light absorption. <i>Cellulose</i> , 2013, 20, 1293-1300.	2.4	58
32	Glyphosate-Based Herbicidal Ionic Liquids with Increased Efficacy. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2845-2851.	3.2	57
33	Metsulfuron-Methyl-Based Herbicidal Ionic Liquids. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3357-3366.	2.4	57
34	Betaine and Carnitine Derivatives as Herbicidal Ionic Liquids. <i>Chemistry - A European Journal</i> , 2016, 22, 12012-12021.	1.7	57
35	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.	1.7	56
36	Sulfonyl derivatives of benzotriazole: Part 1. A novel approach to the activation of carboxylic acids. <i>Tetrahedron</i> , 1992, 48, 7817-7822.	1.0	55

#	ARTICLE	IF	CITATIONS
37	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.	1.7	53
38	Herbicidal ionic liquid with dual-function. <i>Tetrahedron</i> , 2013, 69, 8132-8136.	1.0	50
39	Herbicidal ionic liquids based on esterquats. <i>New Journal of Chemistry</i> , 2015, 39, 5715-5724.	1.4	50
40	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.	1.5	49
41	Phenoxy herbicidal ammonium ionic liquids. <i>Tetrahedron</i> , 2014, 70, 4784-4789.	1.0	49
42	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, 247-255.	3.9	49
43	3-Alkoxyethyl-1-(1R,2S,5R)-(âˆ“)-menthoxyethylimidazolium salts-based chiral ionic liquids. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2709-2718.	1.8	48
44	The properties of 1-alkoxyethyl-3-hydroxypyridinium and 1-alkoxyethyl-3-dimethylaminopyridinium chlorides. <i>Journal of Surfactants and Detergents</i> , 2003, 6, 119-123.	1.0	46
45	Cytotoxicity, acute and subchronic toxicity of ionic liquid, didecyltrimethylammonium saccharinate, in rats. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 57, 266-273.	1.3	45
46	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.	2.4	44
47	Hydrosilylation of functionalised olefins catalysed by rhodium siloxide complexes in ionic liquids. <i>Green Chemistry</i> , 2009, 11, 1045.	4.6	42
48	Biodegradable herbicidal ionic liquids based on synthetic auxins and analogues of betaine. <i>New Journal of Chemistry</i> , 2017, 41, 8066-8077.	1.4	42
49	Bioherbicidal Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2741-2750.	3.2	42
50	Multifunctional long-alkyl-chain quaternary ammonium azolate based ionic liquids. <i>New Journal of Chemistry</i> , 2010, 34, 2281.	1.4	41
51	Herbicidal ionic liquids derived from renewable sources. <i>RSC Advances</i> , 2016, 6, 52781-52789.	1.7	38
52	Ionic Liquids and Paper. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 4599-4604.	1.8	37
53	Phase Equilibria of an Ammonium Ionic Liquid with Organic Solvents and Water. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 309-314.	1.0	36
54	Ionic Liquids as Vulcanization Accelerators. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 5012-5017.	1.8	36

#	ARTICLE	IF	CITATIONS
55	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.	2.3	36
56	Chiral pyridinium-based ionic liquids containing the (1R,2S,5R)-( $\hat{\alpha}$ )-menthyl group. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1728-1737.	1.8	35
57	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.	3.2	35
58	Biobased Ionic Liquids with Abietate Anion. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6543-6550.	3.2	33
59	Efficacy of herbicidal ionic liquids and choline salt based on 2,4-D. <i>Crop Protection</i> , 2017, 98, 85-93.	1.0	32
60	Alkyl(C <sub>16</sub> , C <sub>18</sub> , C <sub>22</sub> )trimethylammonium-Based Herbicidal Ionic Liquids. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 260-269.	2.4	32
61	Ionic liquids with a theophyllinate anion. <i>New Journal of Chemistry</i> , 2014, 38, 3146-3153.	1.4	30
62	Ammonium ionic liquids with anions of natural origin. <i>RSC Advances</i> , 2015, 5, 65471-65480.	1.7	30
63	Synthesis and Aqueous Ozonation of Some Pyridinium Salts with Alkoxymethyl and Alkylthiomethyl Hydrophobic Groups. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 1966-1974.	1.8	29
64	Protic ionic liquids with organic anion as wood preservative. <i>Holzforschung</i> , 2005, 59, 473-475.	0.9	29
65	Synthesis and properties of ammonium ionic liquids with cyclohexyl substituent and dissolution of cellulose. <i>RSC Advances</i> , 2012, 2, 8429.	1.7	29
66	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.	3.2	29
67	Phase equilibria of didecyldimethylammonium nitrate ionic liquid with water and organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2007, 39, 729-736.	1.0	28
68	Synthesis and Structure-Property Relationships in Herbicidal Ionic Liquids and their Double Salts. <i>ChemPlusChem</i> , 2018, 83, 529-541.	1.3	28
69	Ionic liquids based stored product insect antifeedants. <i>RSC Advances</i> , 2013, 3, 25019.	1.7	27
70	Known triazole fungicides – a new trick. <i>RSC Advances</i> , 2015, 5, 9695-9702.	1.7	27
71	1-Alkoxymethyl-X-dimethylaminopyridinium-base ionic liquids in wood preservation. <i>Holzforschung</i> , 2008, 62, 309-317.	0.9	26
72	Dicamba-Based Herbicides: Herbicidal Ionic Liquids versus Commercial Forms. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4588-4594.	2.4	26

#	ARTICLE	IF	CITATIONS
73	N-[1-(Benzotriazol-1-yl)alkyl]amides, Versatile Amidoalkylation Reagents. Part 2. Amidoalkylation of Aromatic Compounds. <i>Synthesis</i> , 1991, 1991, 868-870.	1.2	25
74	Ionic liquids as an alternative to formalin in histopathological diagnosis. <i>Acta Histochemica</i> , 2005, 107, 149-156.	0.9	25
75	Ammonium bio-ionic liquids based on camelina oil as potential novel agrochemicals. <i>RSC Advances</i> , 2018, 8, 28676-28683.	1.7	24
76	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.	1.2	23
77	New Quaternary Ammonium Chlorides - Wood Preservatives. <i>Holzforschung</i> , 1998, 52, 249-254.	0.9	23
78	Diallyldimethylammonium and trimethylvinylammonium ionic liquids – Synthesis and application to catalysis. <i>Applied Catalysis A: General</i> , 2013, 451, 168-175.	2.2	22
79	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.	3.2	21
80	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.	2.9	21
81	Synthesis of N-[1-(Imidazol-1-yl)alkyl]amides. <i>Synthesis</i> , 1994, 1994, 1415-1417.	1.2	20
82	Pyrylium sulfonate based ionic liquids. <i>Tetrahedron Letters</i> , 2011, 52, 4342-4345.	0.7	20
83	Palladium-catalyzed asymmetric Heck arylation of 2,3-dihydrofuran – effect of proline salts. <i>Dalton Transactions</i> , 2013, 42, 1215-1222.	1.6	20
84	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.	1.0	19
85	Choline-based ionic liquids as adjuvants in pesticide formulation. <i>Journal of Molecular Liquids</i> , 2021, 327, 114792.	2.3	19
86	Sweet ionic liquids-cyclamates: Synthesis, properties, and application as feeding deterrents. <i>Science China Chemistry</i> , 2012, 55, 1532-1541.	4.2	18
87	Bio-ionic Liquids as Adjuvants for Sulfonylurea Herbicides. <i>Weed Science</i> , 2018, 66, 404-414.	0.8	18
88	Ionic Liquids for the Production of Insecticidal and Microbicidal Extracts of the Fungus <i>Cantharellus cibarius</i> . <i>Chemistry and Biodiversity</i> , 2007, 4, 2218-2224.	1.0	17
89	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.	2.2	17
90	Positive electrode material in lead-acid car battery modified by protic ammonium ionic liquid. <i>Journal of Energy Storage</i> , 2019, 26, 100996.	3.9	17

#	ARTICLE	IF	CITATIONS
91	Glycine betaine-based ionic liquids and their influence on bacteria, fungi, insects and plants. <i>New Journal of Chemistry</i> , 2021, 45, 6344-6355.	1.4	17
92	Studies on the thermal decarboxylation of 1-alkoxycarbonylbenzotriazoles. <i>Journal of Physical Organic Chemistry</i> , 1993, 6, 567-573.	0.9	15
93	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.	1.2	15
94	Herbicidal Ionic Liquids Containing the Acetylcholine Cation. <i>ChemPlusChem</i> , 2019, 84, 268-276.	1.3	15
95	Difunctional ammonium ionic liquids with bicyclic cations. <i>New Journal of Chemistry</i> , 2019, 43, 4477-4488.	1.4	15
96	Third-generation ionic liquids with <i>N</i> -alkylated 1,4-diazabicyclo[2.2.2]octane cations and pelargonate anions. <i>RSC Advances</i> , 2020, 10, 8653-8663.	1.7	15
97	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.	2.3	15
98	Protic, Imidazolium Ionic Liquids as Media for (Z)- to (E)-Alkene Isomerization. <i>Chemistry Letters</i> , 2006, 35, 210-211.	0.7	14
99	Preparation and characterization of functionalized precipitated silica SYLOID®244 using ionic liquids as modifiers. <i>Surface and Interface Analysis</i> , 2004, 36, 1491-1496.	0.8	12
100	Epoxy resins cured with ionic liquids as novel supports for metal complex catalysts. <i>Comptes Rendus Chimie</i> , 2013, 16, 752-760.	0.2	12
101	Dicationic triazolium fungicidal ionic liquids with herbicidal properties. <i>Chemical Papers</i> , 2020, 74, 261-271.	1.0	12
102	Conversion of Quinine Derivatives into Biologically Active Ionic Liquids: Advantages, Multifunctionality, and Perspectives. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9263-9267.	3.2	12
103	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.	1.7	12
104	Synthesis and Bactericidal Properties of Pyridinium Chlorides with Alkylthiomethyl and Alkoxyethyl Hydrophobic Groups. <i>Journal of Pharmaceutical Sciences</i> , 1991, 80, 91-95.	1.6	11
105	Catalytic cycloisomerisation of 1,6-dienes in ionic liquids. <i>Tetrahedron</i> , 2008, 64, 3687-3690.	1.0	11
106	Protic ionic liquids with N-chloroalkyl functionalized cations as electrolytes for carbon-based electrochemical capacitors. <i>Electrochimica Acta</i> , 2017, 246, 971-980.	2.6	11
107	Quantifying the Mineralization of <sup>13</sup> 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.	3.2	11
108	“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.	1.4	11

#	ARTICLE	IF	CITATIONS
109	Quantitative Relation between Surface Active Properties and Antibiotic Activity of 1-Alkyl-3-alkylthiomethylimidazolium Chlorides.. Chemical and Pharmaceutical Bulletin, 1995, 43, 2019-2020.	0.6	9
110	Acute and subacute (28-Day) toxicity studies of ionic liquid, didecyldimethyl ammonium acesulfamate, in rats. Drug and Chemical Toxicology, 2009, 32, 395-404.	1.2	9
111	Palladium Catalyzed Heck Arylation of 2,3-Dihydrofuranâ€”Effect of the Palladium Precursor. Molecules, 2014, 19, 8402-8413.	1.7	9
112	Synthesis and Characterization of Doubleâ€”Salt Herbicidal Ionic Liquids Comprising both 4â€”Chloroâ€”2â€”methylphenoxyacetate and <i>trans</i> -â€”Cinnamate Anions. ChemPlusChem, 2020, 85, 2281-2289.	1.3	9
113	Synthesis and characterization of bio-based quaternary ammonium salts with gibberellate or l-tryptophanate anion. Monatshefte FÃ¼r Chemie, 2020, 151, 1365-1373.	0.9	9
114	Synthesis and properties of gallate ionic liquids. Tetrahedron, 2016, 72, 7409-7416.	1.0	8
115	Synthesis and properties of ionic liquids based on mecoprop. New Journal of Chemistry, 2018, 42, 17259-17267.	1.4	8
116	Voltammetric sensor based on long alkyl chain tetraalkylammonium ionic liquids comprising ascorbate anion for determination of nitrite. Mikrochimica Acta, 2021, 188, 54.	2.5	8
117	Amino acid-based dicationic ionic liquids as complex crop protection agents. Journal of Molecular Liquids, 2022, 360, 119357.	2.3	8
118	Influence of Counterions on the Interaction of Pyridinium Salts with Model Membranes. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1999, 54, 952-955.	0.6	7
119	Longâ€”Chain Ionic Liquids Based on Monoquaternary DABCO Cations and TFSI Anions: Towards Stable Electrolytes for Electrochemical Capacitors. ChemPlusChem, 2020, 85, 2679-2688.	1.3	7
120	Quaternary ammonium nonanoate-based ionic liquids as chemicals for crop protection. European Journal of Chemistry, 2016, 7, 217-224.	0.3	7
121	Dicationic Herbicidal Ionic Liquids Comprising Two Active Ingredients Exhibiting Different Modes of Action. Journal of Agricultural and Food Chemistry, 2022, 70, 2545-2553.	2.4	6
122	Synthesis and Antibiotic Activity of 1-Cycloalkoxymethyl-4-dimethylaminopyridinium and 1-[(1-Alkoxy)ethyl]-4-dimethylaminopyridinium Chlorides. Archiv Der Pharmazie, 1995, 328, 531-533.	2.1	5
123	Synthesis and Antimicrobial Activity of New 1-Benzylbenzimidazolium Chlorides. Archiv Der Pharmazie, 1997, 330, 253-258.	2.1	5
124	Reaction of Phenolic Mannich Base with Trialkyl Phosphite. Synthetic Communications, 2000, 30, 1535-1541.	1.1	5
125	Synthesis and properties of new cationic surfactants: 1-Alkylthiomethyl-3-carbamoylpyridinium chlorides. Journal of Surfactants and Detergents, 2005, 8, 233-239.	1.0	5
126	Conversion of l-â€”Tryptophan Derivatives into Biologically Active Amino Acid Ionic Liquids. ChemistrySelect, 2021, 6, 5614-5621.	0.7	5



#	ARTICLE	IF	CITATIONS
127	Synthesis and Antimicrobial Activity of New Quaternary Ammonium Chlorides. <i>Archiv Der Pharmazie</i> , 1996, 329, 279-282.	2.1	4
128	Ionic liquids based on 2-chloroethyltrimethylammonium chloride (CCC) as plant growth regulators. <i>Open Chemistry</i> , 2013, 11, 1816-1821.	1.0	4
129	Lâ€Carnitineâ€Based Bioâ€Ionic Liquids as Antioxidants. <i>ChemistrySelect</i> , 2021, 6, 1994-2001.	0.7	4
130	Pharmacokinetic Profile of 1-Methylnicotinamide Nitrate in Rats. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1412-1418.	1.6	3
131	Naturally based ionic liquids with indole-3-acetate anions and cations derived from cinchona alkaloids. <i>RSC Advances</i> , 2021, 11, 27530-27540.	1.7	3
132	Hydrogenation of cinnamaldehyde over supported palladium catalysts. <i>Polish Journal of Chemical Technology</i> , 2013, 15, 28-32.	0.3	2
133	Synthesis and characterization of herbicidal ionic liquids based on (4-chloro-2-methylphenoxy)acetate and phenoxyethylammonium. <i>Chemical Papers</i> , 2021, 75, 3607-3615.	1.0	2
134	Synthesis and efficacy of herbicidal ionic liquids with chlorsulfuron as the anion. <i>Open Chemistry</i> , 2020, 18, 1282-1293.	1.0	2
135	Bifunctional Double-Salt Ionic Liquids Containing both 4-Chloro-2-Methylphenoxyacetate and <scp>l</scp>-Tryptophanate Anions with Herbicidal and Antimicrobial Activity. <i>ACS Omega</i> , 2021, 6, 33779-33791.	1.6	1
136	New Salts of N-Substituted Piracetam. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 2761-2765.	1.8	0
137	Synthesis and Antimicrobial Activities of Choline-Like Quaternary Ammonium Chlorides.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
138	Phosphonium Acesulfamate Based Ionic Liquids.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
139	Frontispiece: Betaine and Carnitine Derivatives as Herbicidal Ionic Liquids. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0