

List of Publications by Citations

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Version: 2024-04-10

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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.

21 papers	721 citations	13 h-index	22 g-index
22 ext. papers	836 ext. citations	5.1 avg, IF	3.68 L-index

#	Paper	IF	Citations
21	Choline-derivative-based ionic liquids. <i>Chemistry - A European Journal</i> , 2007 , 13, 6817-27	4.8	134
20	Ionic liquids with herbicidal anions. <i>Tetrahedron</i> , 2011 , 67, 4838-4844	2.4	126
19	Ionic liquid forms of the herbicide dicamba with increased efficacy and reduced volatility. <i>Green Chemistry</i> , 2013 , 15, 2110	10	97
18	2,4-D based herbicidal ionic liquids. <i>Tetrahedron</i> , 2012 , 68, 4267-4273	2.4	65
17	Herbicidal Ionic Liquids with 2,4-D. <i>Weed Science</i> , 2012 , 60, 189-192	2	61
16	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	10.2	39
15	Comparative study on the biodegradability of morpholinium herbicidal ionic liquids. <i>Biodegradation</i> , 2015 , 26, 327-40	4.1	35
14	Toxicity evaluation of selected ammonium-based ionic liquid forms with MCPP and dicamba moieties on <i>Pseudomonas putida</i> . <i>Chemosphere</i> , 2017 , 167, 114-119	8.4	34
13	Esterquat herbicidal ionic liquids (HILs) with two different herbicides: evaluation of activity and phytotoxicity. <i>New Journal of Chemistry</i> , 2018 , 42, 9819-9827	3.6	23
12	Toxicity of synthetic herbicides containing 2,4-D and MCPA moieties towards <i>Pseudomonas putida</i> mt-2 and its response at the level of membrane fatty acid composition. <i>Chemosphere</i> , 2016 , 144, 107-12	8.4	22
11	Effects of ammonium-based ionic liquids and 2,4-dichlorophenol on the phospholipid fatty acid composition of zebrafish embryos. <i>PLoS ONE</i> , 2018 , 13, e0190779	3.7	14
10	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	2.5	14
9	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	5.7	13
8	Pyrrolidinium herbicidal ionic liquids. <i>RSC Advances</i> , 2016 , 6, 63136-63142	3.7	12
7	Hybrid electrochemical and biological treatment of herbicidal ionic liquids comprising the MCPA anion. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 181, 172-179	7	7
6	Transformation of herbicides into dual function quaternary tropinium salts. <i>New Journal of Chemistry</i> , 2020 , 44, 8869-8877	3.6	7
5	Double-Action Herbicidal Ionic Liquids Based on Dicamba Esterquats with 4-CPA, 2,4-D, MCPA, MCPP, and Clopyralid Anions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 14584-14594	8.3	6

4	The Toxic Effect of Herbicidal Ionic Liquids on Biogas-Producing Microbial Community. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
3	Novel esterquat-based herbicidal ionic liquids incorporating MCPA and MCPP for simultaneous stimulation of maize growth and fighting cornflower. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111595	7	3
2	Ionic liquids - deanol derivatives as the Diels-Alder reaction solvents. <i>Open Chemistry</i> , 2010 , 8, 1140-1146.	6	1
1	Morpholinium-based ionic liquids show antimicrobial activity against clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Research in Microbiology</i> , 2021 , 172, 103817	4	0