

# Filip Walkiewicz

## 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.

19  
papers

458  
citations

14  
h-index

19  
g-index

19  
ext. papers

515  
ext. citations

4.4  
avg, IF

3.37  
L-index

#	Paper	IF	Citations
19	Synthesis, toxicity, biodegradability and physicochemical properties of 4-benzyl-4-methylmorpholinium-based ionic liquids. <i>Green Chemistry</i> , <b>2011</b> , 13, 2901	10	77
18	Mandelate and prolinatate ionic liquids: synthesis, characterization, catalytic and biological activity. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 1325-1328	2	48
17	Phenoxy herbicidal ammonium ionic liquids. <i>Tetrahedron</i> , <b>2014</b> , 70, 4784-4789	2.4	45
16	Bis(ammonium) ionic liquids with herbicidal anions. <i>RSC Advances</i> , <b>2015</b> , 5, 15487-15493	3.7	35
15	Caproic acid production from acid whey via open culture fermentation - Evaluation of the role of electron donors and downstream processing. <i>Bioresource Technology</i> , <b>2019</b> , 279, 74-83	11	33
14	Multifunctional long-alkyl-chain quaternary ammonium azolate based ionic liquids. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 2281	3.6	33
13	Ionic Liquids as Vulcanization Accelerators. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 5012-5017	3.9	27
12	Synthesis and properties of ammonium ionic liquids with cyclohexyl substituent and dissolution of cellulose. <i>RSC Advances</i> , <b>2012</b> , 2, 8429	3.7	25
11	Ammonium ionic liquids with anions of natural origin. <i>RSC Advances</i> , <b>2015</b> , 5, 65471-65480	3.7	24
10	Novel Ionic Liquids as Accelerators for the Sulfur Vulcanization of Butadiene-Styrene Elastomer Composites. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 8410-8415	3.9	22
9	Known triazole fungicides by a new trick. <i>RSC Advances</i> , <b>2015</b> , 5, 9695-9702	3.7	20
8	Sweet ionic liquids-cyclamates: Synthesis, properties, and application as feeding deterrents. <i>Science China Chemistry</i> , <b>2012</b> , 55, 1532-1541	7.9	17
7	Synthesis and antioxidant properties of dicationic ionic liquids. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 530-539	3.6	15
6	Pyrylium sulfonate based ionic liquids. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 4342-4345	2	14
5	Difunctional ammonium ionic liquids with bicyclic cations. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 4477-4488	3.6	11
4	Electrochemical properties of positive electrode in lead-acid battery modified by ammonium-based ionic liquids. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 919-930	2.6	10
3	Ionic Liquids in the Vulcanization of Elastomers <b>2015</b> ,		1

- 2 Antimicrobial and Cytotoxic Activity of Novel Imidazolium-Based Ionic Liquids.. *Molecules*, **2022**, 27, 4.8 1
- 1 Bifunctional Double-Salt Ionic Liquids Containing both 4-Chloro-2-Methylphenoxyacetate and l-Tryptophanate Anions with Herbicidal and Antimicrobial Activity.. *ACS Omega*, **2021**, 6, 33779-33791 3.9