Rafal Kukawka

List of Publications by Citations

16 papers	249 citations	10 h-index	15 g-index
18 ext. papers	314 ext. citations	5.1 avg, IF	3.22 L-index

#	Paper	IF	Citations
16	Ionic liquids as bioactive chemical tools for use in agriculture and the preservation of agricultural products. *Green Chemistry*, **2018**, 20, 4764-4789	10	40
15	Cationic derivatives of the plant resistance inducer benzo[1,2,3]thiadiazole-7-carbothioic acid S-methyl ester (BTH) as bifunctional ionic liquids. *Tetrahedron Letters*, **2014**, 55, 3565-3568	2	29
14	Bifunctional quaternary ammonium salts based on benzo[1,2,3]thiadiazole-7-carboxylate as plant systemic acquired resistance inducers. *New Journal of Chemistry*, **2014**, 38, 1372	3.6	26
13	Highly Effective Supported Ionic Liquid-Phase (SILP) Catalysts: Characterization and Application to the Hydrosilylation Reaction. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 4699-4706	8.3	23
12	Dual Functional Salts of Benzo[1.2.3]thiadiazole-7-carboxylates as a Highly Efficient Weapon Against Viral Plant Diseases. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 4197-4204	8.3	19
11	Ionic Liquids as Solvents for Rhodium and Platinum Catalysts Used in Hydrosilylation Reaction. *Molecules*, **2016**, 21,	4.8	19
10	New Dual Functional Salts Based on Cationic Derivative of Plant Resistance Inducer Benzo[1.2.3]thiadiazole-7-carbothioic Acid, S-Methyl Ester. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 3344-3351	8.3	19
9	New approach to hydrosilylation reaction in ionic liquids as solvent in microreactor system. *RSC Advances*, **2016**, 6, 61860-61868	3.7	18
8	New ionic liquids based on systemic acquired resistance inducers combined with the phytotoxicity reducing cholinium cation. *New Journal of Chemistry*, **2018**, 42, 11984-11990	3.6	15
7	The effect of the catalyst and the type of ionic liquid on the hydrosilylation process under batch and continuous reaction conditions. *New Journal of Chemistry*, **2018**, 42, 5229-5236	3.6	14
6	An efficient method for synthesizing monofunctionalized derivatives of 1,1,3,3-tetramethyldisiloxane in ionic liquids as recoverable solvents for rhodium catalyst. *Catalysis Communications*, **2018**, 108, 59-63	3.2	10
5	Optimization and intensification of hydrosilylation reactions using a microreactor system. *New Journal of Chemistry*, **2018**, 42, 15332-15339	3.6	5
4	New bifunctional ionic liquid-based plant systemic acquired resistance (SAR) inducers with an improved environmental hazard profile. *Green Chemistry*, **2021**, 23, 5138-5149	10	4
3	Use of New BTH Derivative as Supplement or Substitute of Standard Fungicidal Program in Strawberry Cultivation. *Agronomy*, **2021**, 11, 1031	3.6	3
2	SILP Materials as Effective Catalysts in Selective Monofunctionalization of 1,1,3,3-Tetramethyldisiloxane. *Catalysts*, **2020**, 10, 1414	4	2
1	A Novel Plant Resistance Inducer for the Protection of European Ash (Fraxinus excelsior L.) against Hymenoscyphus fraxineus: Preliminary Studies. *Forests*, **2021**, 12, 1072	2.8	2