

Junfan Niu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

661
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of smart stimuli-responsive mesoporous organosilica nano-vehicles for targeted pesticide delivery. <i>Journal of Hazardous Materials</i> , 2020, 389, 122075.	12.4	144
2	Preparation and characterization of tebuconazole metal-organic framework-based microcapsules with dual-microbicidal activity. <i>Chemical Engineering Journal</i> , 2019, 359, 225-232.	12.7	92
3	A Bioresponsive System Based on Mesoporous Organosilica Nanoparticles for Smart Delivery of Fungicide in Response to Pathogen Presence. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5716-5723.	6.7	86
4	Dicationic Ionic Liquids of Herbicide 2,4-Dichlorophenoxyacetic Acid with Reduced Negative Effects on Environment. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10362-10368.	5.2	46
5	Development of carrier-free self-assembled nanoparticles based on fenhexamid and polyhexamethylene biguanide for sustainable plant disease management. <i>Green Chemistry</i> , 2021, 23, 2531-2540.	9.0	31
6	Preparation of a Porphyrin Metal-Organic Framework with Desirable Photodynamic Antimicrobial Activity for Sustainable Plant Disease Management. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2382-2391.	5.2	31
7	Pyrimethanil Ionic Liquids Paired with Various Natural Organic Acid Anions for Reducing Its Adverse Impacts on the Environment. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11018-11024.	5.2	22
8	A simple and green preparation process for PRO@PIL-PHS-PEC microcapsules by using phosphonium ionic liquid as a multifunctional additive. <i>Chemical Engineering Journal</i> , 2021, 424, 130371.	12.7	22
9	Synthesis and bioactivities of Phenazine-1-carboxylic acid derivatives based on the modification of PCA carboxyl group. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2010-2013.	2.2	21
10	Synthesis and bioactivities of amino acid ester conjugates of phenazine-1-carboxylic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5384-5386.	2.2	20
11	Development of triflumizole ionic liquids containing anions of natural origin for improving the utilization and minimizing the adverse impacts on aquatic ecosystems. <i>Science of the Total Environment</i> , 2019, 670, 606-612.	8.0	20
12	Sustainable Preparation of Microcapsules with Desirable Stability and Bioactivity Using Phosphonium Ionic Liquid as a Functional Additive. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13440-13448.	6.7	19
13	Functionalized Silver Nanocapsules with Improved Antibacterial Activity Using Silica Shells Modified with Quaternary Ammonium Polyethyleneimine as a Bacterial Cell-Targeting Agent. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6485-6494.	5.2	19
14	Preparation of Acifluorfen-Based Ionic Liquids with Fluorescent Properties for Enhancing Biological Activities and Reducing the Risk to the Aquatic Environment. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6048-6057.	5.2	18
15	Preparation and characterization of nanosilica copper (II) complexes of amino acids. <i>Journal of Hazardous Materials</i> , 2018, 358, 207-215.	12.4	16
16	Synthesis, fungicidal activity and phloem mobility of phenazine-1-carboxylic acid-alanine conjugates. <i>Pesticide Biochemistry and Physiology</i> , 2017, 143, 8-13.	3.6	14
17	Enhanced Phototherapy Activity by Employing a Nanosilica-Coumarin-Acifluorfen Conjugate as the Supplementary Light Source Generator. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17706-17713.	6.7	11
18	Development of glycine-copper(II) hydroxide nanoparticles with improved biosafety for sustainable plant disease management. <i>RSC Advances</i> , 2020, 10, 21222-21227.	3.6	11

#	ARTICLE	IF	CITATIONS
19	A simple preparation process for an efficient nano-formulation: small molecule self-assembly based on spinosad and sulfamic acid. <i>Green Chemistry</i> , 2021, 23, 4882-4891.	9.0	10
20	Development of Poly(ionic liquids) Based on Mepiquat Chloride with Improved Rainfastness and Long-Lasting Activity on Growth Regulation of Cotton Plant. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14996-15004.	6.7	8