

Dingxin Jiang

List of Publications by Year in descending order

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14
papers

183
citations

1307594

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1125743

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docs citations

14
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a Novel Series of Phenyl Pyrazole Inner Salts Based on Fipronil as Potential Dual-Target Insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3577-3583.	5.2	39
2	The Receptor Site and Mechanism of Action of Sodium Channel Blocker Insecticides. <i>Journal of Biological Chemistry</i> , 2016, 291, 20113-20124.	3.4	26
3	Resistance to insecticides and synergistic and antagonistic effects of essential oils on dimefluthrin toxicity in a field population of <i>Culex quinquefasciatus</i> Say. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 928-936.	6.0	23
4	Access to Densely Functionalized Chalcone Derivatives with a 2-Pyridone Subunit via Pd/Cu-Catalyzed Oxidative Furanone Cyclization of <i>N</i> -(2-Furanylmethyl) Alkynamides under Air. <i>Organic Letters</i> , 2018, 20, 2273-2277.	4.6	22
5	Mutations in the transmembrane helix S6 of domain IV confer cockroach sodium channel resistance to sodium channel blocker insecticides and local anesthetics. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 66, 88-95.	2.7	19
6	Sodium channel activation underlies transfluthrin repellency in <i>Aedes aegypti</i> . <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009546.	3.0	17
7	Discovery of a Novel Series of Tricyclic Oxadiazine 4a-Methyl Esters Based on Indoxacarb as Potential Sodium Channel Blocker/Modulator Insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7793-7809.	5.2	10
8	Identification and functional characterization of D-fructose receptor in an egg parasitoid, <i>Trichogramma chilonis</i> . <i>PLoS ONE</i> , 2019, 14, e0217493.	2.5	8
9	Syntheses, Optical Properties and Photoactivated Insecticidal Activities of Cyclic Arylethynylsilanes. <i>Chinese Journal of Chemistry</i> , 2011, 29, 278-282.	4.9	5
10	Thioether-bridged arylalkyl-linked <i>N</i> -phenylpyrazole derivatives: Design, synthesis, insecticidal activities, structure-activity relationship and molecular-modeling studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 1792-1796.	2.2	5
11	Multiple insecticide resistance and associated mechanisms to volatile pyrethroid in an <i>Aedes albopictus</i> population collected in southern China. <i>Pesticide Biochemistry and Physiology</i> , 2021, 174, 104823.	3.6	5
12	Design, synthesis and structure-activity relationship of indoxacarb analogs as voltage-gated sodium channel blocker. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4576-4579.	2.2	2
13	Mapping Receptor Sites for Sodium Channel Blocking Insecticides DCJW and Metaflumizone in an Insect Sodium Channel. <i>Biophysical Journal</i> , 2016, 110, 112a.	0.5	1
14	Synthesis and larvicidal activities of compounds based on coumarin and dibenzothiophene/carbazole. <i>Research on Chemical Intermediates</i> , 2018, 44, 1235-1245.	2.7	1