Zhi-Yan Jiang

List of Publications by Year
in descending order

11 papers	206 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	260 citing authors

#	Article	IF	Citations
1	Discovery of Î²-Carboline Oxadiazole Derivatives as Fungicidal Agents against Rice Sheath Blight. Journal of Agricultural and Food Chemistry, 2018, 66, 9598-9607.	5.2	69
2	Design, synthesis, fungicidal property and QSAR studies of novel Î²â€carbolines containing urea, benzoylthiourea and benzoylurea for the control of rice sheath blight. Pest Management Science, 2018, 74, 1736-1746.	3.4	38
3	Harmine induced apoptosis in Spodoptera frugiperda Sf9 cells by activating the endogenous apoptotic pathways and inhibiting DNA topoisomerase I activity. Pesticide Biochemistry and Physiology, 2019, 155, 26-35.	3.6	22
4	Structure-activity relationships of 3-O-Î²-chacotriosyl oleanic acid derivatives as entry inhibitors for highly pathogenic H5N1 influenza virus. Bioorganic and Medicinal Chemistry, 2017, 25, 4384-4396.	3.0	17
5	DNA Topoisomerase 1 Structure-BASED Design, Synthesis, Activity Evaluation and Molecular Simulations Study of New 7-Amide Camptothecin Derivatives Against Spodoptera frugiperda. Frontiers in Chemistry, 2018, 6, 456.	3.6	15
6	Design, Synthesis and Bioactivity Evaluation of Novel Î²-carboline 1,3,4-oxadiazole Derivatives. Molecules, 2017, 22, 1811.	3.8	12
7	Natural harmine negatively regulates the developmental signaling network of Drosophila melanogaster (Drosophilidae: Diptera) in vivo. Ecotoxicology and Environmental Safety, 2020, 190, 110134.	6.0	11
8	Simplification of Natural Î²-Carboline Alkaloids to Obtain Indole Derivatives as Potent Fungicides against Rice Sheath Blight. Molecules, 2020, 25, 1189.	3.8	7
9	The Potential Binding Interaction and Hydrolytic Mechanism of Carbaryl with the Novel Esterase PchA in Pseudomonas sp. PS21. Journal of Agricultural and Food Chemistry, 2022, 70, 2136-2145.	5.2	6
10	Thioether-bridged arylalkyl-linked N-phenylpyrazole derivatives: Design, synthesis, insecticidal activities, structure-activity relationship and molecular-modeling studies. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1792-1796.	2.2	5
11	Design, Synthesis and Structure-Activity Relationship of Novel Aphicidal Mezzettiaside-Type Oligorhamnosides and Their Analogues. Molecules, 2018, 23, 41.	3.8	4