Wenming Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1978977/publications.pdf

Version: 2024-02-01

9 papers	264 citations	1307594 7 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	155 citing authors

#	Article	IF	Citations
1	Applying a Bioisosteric Replacement Strategy in the Discovery and Optimization of Mesoionic Pyrido[1,2-a]pyrimidinone Insecticides: A Review. Journal of Agricultural and Food Chemistry, 2022, 70, 11056-11062.	5.2	7
2	Optimization of mesoionic pyrido[1,2-a]pyrimidinone insecticides and discovery of 3-biaryl analogs controlling Lepidoptera species. , 2021, , 221-230.		2
3	Mesoionic insecticides: a novel class of insecticides that modulate nicotinic acetylcholine receptors. Pest Management Science, 2017, 73, 796-806.	3.4	34
4	Mesoionic pyrido[1,2- a]pyrimidinones: Discovery of dicloromezotiaz as a lepidoptera insecticide acting on nicotinic acetylcholine receptors 1,2. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 911-917.	2.2	24
5	Mesoionic Pyrido[1,2-a]pyrimidinone Insecticides: From Discovery to Triflumezopyrim and Dicloromezotiaz. Accounts of Chemical Research, 2017, 50, 2381-2388.	15.6	41
6	Mesoionic pyrido[1,2- a]pyrimidinones: Discovery of triflumezopyrim as a potent hopper insecticide 1. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 16-20.	2.2	38
7	Mode of action of triflumezopyrim: A novel mesoionic insecticide which inhibits the nicotinic acetylcholine receptor. Insect Biochemistry and Molecular Biology, 2016, 74, 32-41.	2.7	87
8	Mesoionic pyrido[1,2- a]pyrimidinones: A novel class of insecticides inhibiting nicotinic acetylcholine receptors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5444-5449.	2.2	18
9	Discovery, synthesis, and evaluation of N-substituted amino-2(5H)-oxazolones as novel insecticides activating nicotinic acetylcholine receptors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2188-2192.	2.2	13