

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