

Mingjun Yang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

569
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural pyrethrins induces apoptosis in human hepatocyte cells via Bax- and Bcl-2-mediated mitochondrial pathway. <i>Chemico-Biological Interactions</i> , 2017, 262, 38-45.	4.0	52
2	Spinosad induces programmed cell death involves mitochondrial dysfunction and cytochrome C release in <i>Spodoptera frugiperda</i> Sf9 cells. <i>Chemosphere</i> , 2017, 169, 155-161.	8.2	52
3	Avermectin Confers Its Cytotoxic Effects by Inducing DNA Damage and Mitochondria-Associated Apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6895-6902.	5.2	49
4	Cytotoxic effects of Avermectin on human HepG2 cells in <i>in vitro</i> bioassays. <i>Environmental Pollution</i> , 2017, 220, 1127-1137.	7.5	47
5	Development of a glycoconjugate vaccine to prevent invasive <i>Salmonella Typhimurium</i> infections in sub-Saharan Africa. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005493.	3.0	44
6	Conformational Sampling of Oligosaccharides Using Hamiltonian Replica Exchange with Two-Dimensional Dihedral Biasing Potentials and the Weighted Histogram Analysis Method (WHAM). <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 788-799.	5.3	38
7	Enhanced Conformational Sampling Using Replica Exchange with Concurrent Solute Scaling and Hamiltonian Biasing Realized in One Dimension. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 2855-2867.	5.3	35
8	Delineating the conformational flexibility of trisaccharides from NMR spectroscopy experiments and computer simulations. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18776-18794.	2.8	33
9	Conformational Heterogeneity of the HIV Envelope Glycan Shield. <i>Scientific Reports</i> , 2017, 7, 4435.	3.3	32
10	CHARMM Drude Polarizable Force Field for Glycosidic Linkages Involving Pyranoses and Furanoses. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 3132-3143.	5.3	29
11	Pyrethrum-extract induced autophagy in insect cells: A new target?. <i>Pesticide Biochemistry and Physiology</i> , 2017, 137, 21-26.	3.6	19
12	Staurosporine shows insecticidal activity against <i>Mythimna separata</i> Walker (Lepidoptera: Noctuidae) potentially via induction of apoptosis. <i>Pesticide Biochemistry and Physiology</i> , 2016, 128, 37-44.	3.6	18
13	The insecticide spinosad induces DNA damage and apoptosis in HEK293 and HepG2 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 812, 12-19.	1.7	17
14	Tebufenozide induces G1/S cell cycle arrest and apoptosis in human cells. <i>Environmental Toxicology and Pharmacology</i> , 2017, 49, 89-96.	4.0	17
15	Oxidative stress and DNA damage induced by spinosad exposure in <i>Spodoptera frugiperda</i> Sf9 cells. <i>Food and Agricultural Immunology</i> , 2018, 29, 171-181.	1.4	17
16	Proper balance of solvent-solute and solute-solute interactions in the treatment of the diffusion of glucose using the Drude polarizable force field. <i>Carbohydrate Research</i> , 2018, 457, 41-50.	2.3	16
17	Spinosad induces autophagy of <i>Spodoptera frugiperda</i> Sf9 cells and the activation of AMPK/mTOR signaling pathway. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 195, 52-59.	2.6	13
18	Cytotoxic effects of tebufenozide in vitro bioassays. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 180-188.	6.0	12

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19	Conformational Preference of Serogroup B <i>Salmonella</i> O Polysaccharide in Presence and Absence of the Monoclonal Antibody Se155. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3412-3423.	2.6	11
20	Cypermethrin resistance conferred by increased target insensitivity and metabolic detoxification in <i>Culex pipiens pallens</i> Coq. <i>Pesticide Biochemistry and Physiology</i> , 2017, 142, 77-82.	3.6	10
21	Maternal exposure to ambient PM2.5 causes fetal growth restriction via the inhibition of spiral artery remodeling in mice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 237, 113512.	6.0	8