

# Xin-Ling Yang

## List of Publications by Year in descending order

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64  
papers

1,072  
citations

361413

20  
h-index

501196

28  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1033  
citing authors

#	ARTICLE	IF	CITATIONS
1	New class of potent antitumor acylhydrazone derivatives containing furan. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5576-5584.	5.5	108
2	New Analogues of ( <i>E</i> )- $\beta$ -Farnesene with Insecticidal Activity and Binding Affinity to Aphid Odorant-Binding Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2456-2461.	5.2	63
3	Synthesis and Fungicidal Activity of Novel 2,5-Disubstituted-1,3,4-oxadiazole Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11649-11656.	5.2	52
4	A potential insect growth regulator: Synthesis and bioactivity of an allatostatin mimic. <i>Peptides</i> , 2009, 30, 1249-1253.	2.4	35
5	Design, Synthesis, Acaricidal Activity, and Mechanism of Oxazoline Derivatives Containing an Oxime Ether Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3064-3072.	5.2	33
6	Rice transcriptome analysis to identify possible herbicide quinclorac detoxification genes. <i>Frontiers in Genetics</i> , 2015, 6, 306.	2.3	28
7	Bioactivities of synthetic salicylate-substituted carboxyl ( <i>E</i> )- $\beta$ -Farnesene derivatives as ecofriendly agrochemicals and their binding mechanism with potential targets in aphid olfactory system. <i>Pest Management Science</i> , 2020, 76, 2465-2472.	3.4	28
8	Eco-Friendly Insecticide Discovery via Peptidomimetics: Design, Synthesis, and Aphicidal Activity of Novel Insect Kinin Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4527-4532.	5.2	27
9	Synthesis and Bioactivity of Novel <i>N,N</i> -Diacylhydrazine Derivatives Containing Furan(I). <i>Chinese Journal of Chemistry</i> , 2008, 26, 916-922.	4.9	26
10	Synthesis, Biological Activity, and Hologram Quantitative Structure-Activity Relationships of Novel Allatostatin Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2652-2658.	5.2	26
11	Design, Synthesis, and Biological Activity of Novel Fungicides Containing a 1,2,3,4-Tetrahydroquinoline Scaffold and Acting as Laccase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1776-1787.	5.2	26
12	Molecular design, synthesis and bioactivity of glycosyl hydrazine and hydrazone derivatives: Notable effects of the sugar moiety. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 7193-7196.	2.2	25
13	Design, Synthesis, and Fungicidal Activity of Novel Thiosemicarbazide Derivatives Containing Piperidine Fragments. <i>Molecules</i> , 2017, 22, 2085.	3.8	25
14	Synthesis and fungicidal activity of pyrazole derivatives containing 1,2,3,4-tetrahydroquinoline. <i>Chemistry Central Journal</i> , 2016, 10, 40.	2.6	24
15	The synthesis and larvicidal activity of <i>N</i> -aroyl- <i>N</i> -(5-aryl-2-furoyl)ureas. <i>Pest Management Science</i> , 1998, 52, 282-286.	0.4	22
16	Synthesis and bioactivities of novel piperazine-containing 1,5-Diphenyl-2-penten-1-one analogues from natural product lead. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1849-1853.	2.2	22
17	Design, Synthesis, and Biological Activity of Novel Heptacyclic Pyrazolamide Derivatives: A New Candidate of Dual-Target Insect Growth Regulators. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6347-6354.	5.2	22
18	Meroterpenoid Chrodrimanins Are Selective and Potent Blockers of Insect GABA-Gated Chloride Channels. <i>PLoS ONE</i> , 2015, 10, e0122629.	2.5	22

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19	Design, synthesis and antifungal/anti-oomycete activity of pyrazolyl oxime ethers as novel potential succinate dehydrogenase inhibitors. <i>Pest Management Science</i> , 2021, 77, 3910-3920.	3.4	21
20	A novel halogen bond and a better-known hydrogen bond cooperation of neonicotinoid and insect nicotinic acetylcholine receptor recognition. <i>Journal of Molecular Modeling</i> , 2012, 18, 3867-3875.	1.8	20
21	Design, synthesis and biological activity of novel substituted pyrazole amide derivatives targeting EcR/USP receptor. <i>Chinese Chemical Letters</i> , 2016, 27, 566-570.	9.0	19
22	Target-based design, synthesis and biological activity of new pyrazole amide derivatives. <i>Chinese Chemical Letters</i> , 2016, 27, 251-255.	9.0	19
23	Peptidomimetics in the Discovery of New Insect Growth Regulators: Studies on the Structure-Activity Relationships of the Core Pentapeptide Region of Allatostatins. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2478-2485.	5.2	18
24	Novel Fungicide 4-Chlorocinnamaldehyde Thiosemicarbazide (PMDD) Inhibits Laccase and Controls the Causal Agent of Take-All Disease in Wheat, <i>Gaeumannomyces graminis</i> var. <i>tritici</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5318-5326.	5.2	18
25	The study of solution conformation of allatostatins by 2-D NMR and molecular modeling. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 70-75.	2.3	17
26	Synthesis and Fungicidal Activity of Aryl Carbamic Acid-5-aryl-2-furanmethyl Ester. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3037-3042.	5.2	17
27	Design, synthesis and aphicidal activity of N-terminal modified insect kinin analogs. <i>Peptides</i> , 2015, 68, 233-238.	2.4	17
28	Novel (E)- $\hat{1}^2$ -Farnesene Analogues Containing 2-Nitroiminohexahydro-1,3,5-triazine: Synthesis and Biological Activity Evaluation. <i>Molecules</i> , 2016, 21, 825.	3.8	17
29	Computational investigation of the molecular conformation-dependent binding mode of (E)- $\hat{1}^2$ -farnesene analogs with a heterocycle to aphid odorant-binding proteins. <i>Journal of Molecular Modeling</i> , 2018, 24, 70.	1.8	16
30	Synthesis and biological activities of (E)- $\hat{1}^2$ -farnesene analogues containing 1,2,3-thiadiazole. <i>Chinese Chemical Letters</i> , 2017, 28, 372-376.	9.0	14
31	Identification of novel agonists and antagonists of the ecdysone receptor by virtual screening. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 81, 77-85.	2.4	14
32	Synthesis and Bioactivity of N-Benzoyl-N'-[5-(2'-substituted phenyl)-2-furoyl] Semicarbazide Derivatives. <i>Molecules</i> , 2010, 15, 4267-4282.	3.8	13
33	Synthesis and Bioactivity of Novel N,N'-Diacylhydrazine Derivatives Containing Furan (III). <i>Chinese Journal of Chemistry</i> , 2010, 28, 1257-1266.	4.9	13
34	Design, synthesis and fungicidal activity of N-substituted benzoyl-1,2,3,4-tetrahydroquinolyl-1-carboxamide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2544-2546.	2.2	13
35	Design, synthesis and structure-activity relationships of novel ALS inhibitors. <i>Pest Management Science</i> , 2000, 56, 218-226.	3.4	12
36	New lead discovery of insect growth regulators based on the scaffold hopping strategy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127500.	2.2	12

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37	Binding Affinity Characterization of Four Antennae-Enriched Odorant-Binding Proteins From <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae). <i>Frontiers in Physiology</i> , 2022, 13, 829766.	2.8	12
38	Synthesis and Bioactivities of Novel Pyrazole and Triazole Derivatives Containing 5-Phenyl-2-Furan. <i>Chemical Biology and Drug Design</i> , 2012, 79, 121-127.	3.2	11
39	Development of novel 2-substituted acylaminoethylsulfonamide derivatives as fungicides against <i>Botrytis cinerea</i> . <i>Bioorganic Chemistry</i> , 2019, 87, 56-69.	4.1	11
40	Synthesis and Bioactivity of Novel N,N'-Diacylhydrazine Derivatives Containing Furan (II). <i>Chinese Journal of Chemistry</i> , 2010, 28, 1233-1239.	4.9	10
41	Design, Synthesis, and Insecticidal Activity of 1,5-Diphenyl-1-pentanone Analogues. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2394-2400.	4.9	10
42	Design, Synthesis and Bioactivity of N-Glycosyl-N'-(5-substituted phenyl-2-furoyl) Hydrazide Derivatives. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6741-6756.	4.1	10
43	QSAR and 3D-QSAR studies of the diacyl-hydrazine derivatives containing furan rings based on the density functional theory. <i>Science China Chemistry</i> , 2010, 53, 1322-1331.	8.2	9
44	Synthesis, Biological Activity, and Conformational Study of N-Methylated Allatostatin Analogues Inhibiting Juvenile Hormone Biosynthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2870-2876.	5.2	9
45	Synthesis and biological evaluation of 4-methyl-1,2,3-thiadiazole-5-carboxaldehyde benzoyl hydrazone derivatives. <i>Chinese Chemical Letters</i> , 2017, 28, 1238-1242.	9.0	9
46	A novel bee-friendly peptidomimetic insecticide: Synthesis, aphicidal activity and 3D-QSAR study of insect kinin analogs at Phe <sup>2</sup> modification. <i>Pest Management Science</i> , 2022, 78, 2952-2963.	3.4	8
47	Computer-aided rational design of novel EBF analogues with an aromatic ring. <i>Journal of Molecular Modeling</i> , 2016, 22, 144.	1.8	7
48	Synthesis, aphicidal activity and conformation of novel insect kinin analogues as potential eco-friendly insecticides. <i>Pest Management Science</i> , 2020, 76, 3432-3439.	3.4	7
49	A new potential aphicide against <i>Myzus persicae</i> : Design, synthesis and 3D-QSAR of novel phenoxy pyridine derivatives containing 4-aminopyrimidine. <i>Journal of Molecular Structure</i> , 2022, 1262, 132949.	3.6	7
50	The discovery of a novel antagonist "Manduca sexta" allatotropin analogue" as an insect midgut active ion transport inhibitor. <i>Pest Management Science</i> , 2016, 72, 2176-2180.	3.4	6
51	Exploring the N-terminus region: Synthesis, bioactivity and 3D-QSAR of allatostatin analogs as novel insect growth regulators. <i>Chinese Chemical Letters</i> , 2018, 29, 1375-1378.	9.0	6
52	3D-QSAR based optimization of insect neuropeptide allatostatin analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 890-895.	2.2	6
53	Effects of carboxyl and acylamino linkers in synthetic derivatives of aphid alarm pheromone (E)- $\beta$ -farnesene on repellent, binding and aphicidal activity. <i>Journal of Molecular Structure</i> , 2022, 1268, 133658.	3.6	5
54	Synthesis, bioactivity and functional evaluation of linker-modified allatostatin analogs as potential insect growth regulators. <i>Chinese Chemical Letters</i> , 2016, 27, 559-562.	9.0	4

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55	A potential insect growth regulator for cockroach control: design, synthesis and bioactivity of N-terminal-modified allatostatin analogues. <i>Pest Management Science</i> , 2017, 73, 500-505.	3.4	4
56	Discovery of a <i>Manduca sexta</i> Allatotropin Antagonist from a <i>Manduca sexta</i> Allatotropin Receptor Homology Model. <i>Molecules</i> , 2018, 23, 817.	3.8	3
57	Synthesis and Bioactivities of Nucleoside Compounds Containing Substituted Benzoyl Carbamate Thiourea. <i>Chinese Journal of Organic Chemistry</i> , 2013, 33, 305.	1.3	3
58	Synthesis and Anti-fungal Activity of Novel Aspergigerin Derivatives Containing Thiocarbonyl Moiety. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 3197.	1.3	3
59	Design, Synthesis and Bioactivity of Novel Fluoropyrazole Hydrazides. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 1527.	1.3	3
60	Synthesis, insecticidal activity and molecular docking study of clothianidin analogues with hydrazide group. <i>Chinese Chemical Letters</i> , 2014, 25, 1017-1020.	9.0	2
61	Synthesis, Crystal Structure and Bioactivities of N-(5-(4-chlorobenzyl)-1,3,5-Triazin-2-ylidene)Nitramide. <i>Crystals</i> , 2020, 10, 245.	2.2	2
62	Synthesis and biological activity of FGLamide allatostatin analogs with Phe <sup>3</sup> residue modifications. <i>Journal of Peptide Science</i> , 2016, 22, 600-606.	1.4	1
63	An analysis of structure fitting and bioactivity between sex pheromone of cotton bollworm, <i>Helicoverpa armigera</i> (Hübner) and its fluorinated analogs. <i>Science Bulletin</i> , 2005, 50, 2587-2591.	1.7	0
64	Crystal Structure of Hexa-μ <sub>2</sub> -chloro-μ <sub>4</sub> -oxo-tetrakis[(1,4-dioxane-κ <sup>4</sup> O)copper(II)]. <i>X-ray Structure Analysis Online</i> , 2009, 25, 79-80.	0.2	0