

# Xin Chen

## List of Publications by Year in descending order

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37  
papers

1,402  
citations

516710

16  
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361022

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38  
all docs

38  
docs citations

38  
times ranked

2361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of novel cholic acid derivatives as highly potent agonists for G protein-coupled bile acid receptor. <i>Bioorganic Chemistry</i> , 2022, 120, 105588.	4.1	5
2	Synthesis of Bitopic Ligands as Potent Dopamine D <sub>2</sub> Receptor Agonists. <i>ChemMedChem</i> , 2022, 17, .	3.2	2
3	Synthesis, Biological Evaluation, and Docking Study of Ring-Opening Amide Analogs of Matrine as Antitumor Agents. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000979.	2.1	2
4	Visible-Light-Mediated Cyclopropanation Reactions of 3-Diazooxindoles with Arenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 7131-7140.	3.2	16
5	An ionic lock and a hydrophobic zipper mediate the coupling between an insect pheromone receptor BmOR3 and downstream effectors. <i>Journal of Biological Chemistry</i> , 2021, 297, 101160.	3.4	5
6	DeSiphering receptor core-induced and ligand-dependent conformational changes in arrestin via genetic encoded trimethylsilyl <sup>1</sup> H-NMR probe. <i>Nature Communications</i> , 2020, 11, 4857.	12.8	25
7	Cell active and functionally-relevant small-molecule agonists of calcitonin receptor. <i>Bioorganic Chemistry</i> , 2020, 96, 103596.	4.1	3
8	Asymmetric synthesis of multifunctional aryl allyl ethers by nucleophilic catalysis. <i>RSC Advances</i> , 2019, 9, 11585-11588.	3.6	4
9	Design, synthesis, and functional assessment of Cmpd-15 derivatives as negative allosteric modulators for the $\beta_2$ -adrenergic receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2320-2330.	3.0	6
10	Synthesis of Both Enantiomers of Chiral Phenylalanine Derivatives Catalyzed by Cinchona Alkaloid Quaternary Ammonium Salts as Asymmetric Phase Transfer Catalysts. <i>Molecules</i> , 2018, 23, 1421.	3.8	4
11	Small-Molecule Positive Allosteric Modulators of the $\beta_2$ -Adrenoceptor Isolated from DNA-Encoded Libraries. <i>Molecular Pharmacology</i> , 2018, 94, 850-861.	2.3	66
12	Enantioselective benzylation of methyl 4-oxo-3-piperidinecarboxylate with cinchona alkaloids phase-transfer catalysts. <i>Synthetic Communications</i> , 2018, 48, 2260-2271.	2.1	0
13	Allosteric $\beta$ -blocker isolated from a DNA-encoded small molecule library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1708-1713.	7.1	118
14	The C8 side chain is one of the key functional group of Garcinol for its anti-cancer effects. <i>Bioorganic Chemistry</i> , 2017, 71, 74-80.	4.1	20
15	Total synthesis of (3 <i>Z</i> ,9 <i>Z</i> ,6 <i>S</i> ,7 <i>R</i> ) and (3 <i>Z</i> ,9 <i>Z</i> ,6 <i>R</i> ,7 <i>S</i> )-6,7-epoxy-3,9-octadecadienes. <i>Synthetic Communications</i> , 2017, 47, 1848-1853.	2.1	3
16	Mechanism of intracellular allosteric $\beta_2$ AR antagonist revealed by X-ray crystal structure. <i>Nature</i> , 2017, 548, 480-484.	27.8	148
17	New method for synthesis of EZH2 methyltransferase inhibitor GSK126. <i>Synthetic Communications</i> , 2016, 46, 1215-1222.	2.1	1
18	Synthesis of Fmoc-protected ( <i>S</i> )-3,5-Dibromophenylalanine in the Presence of a Phase Transfer Catalyst or a Chiral Catalyst. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 2242.	1.3	6

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19	Small-Molecule Inhibitors of the Type III Secretion System. <i>Molecules</i> , 2015, 20, 17659-17674.	3.8	48
20	13,14-Dihydroxy groups are critical for the anti-cancer effects of garcinol. <i>Bioorganic Chemistry</i> , 2015, 60, 123-129.	4.1	21
21	Derivative of plant phenolic compound inhibits the type III secretion system of <i>Dickeya dadantii</i> via HrpX/HrpY two-component signal transduction and Rsm systems. <i>Molecular Plant Pathology</i> , 2015, 16, 150-163.	4.2	33
22	Alternate Synthesis of HSP90 Inhibitor AT13387. <i>Synthetic Communications</i> , 2014, 44, 2416-2425.	2.1	6
23	Visualization of arrestin recruitment by a G-protein-coupled receptor. <i>Nature</i> , 2014, 512, 218-222.	27.8	433
24	A rare 4-connected <i>neb</i> topological framework based on Zn(II). <i>Journal of Coordination Chemistry</i> , 2013, 66, 2843-2851.	2.2	5
25	Two unusual 12-connected metal-organic coordination polymers with fcu net. <i>Journal of Solid State Chemistry</i> , 2013, 205, 110-115.	2.9	7
26	Synthesis and antitumor activity of novel 4-aminoquinoline derivatives. <i>Medicinal Chemistry Research</i> , 2013, 22, 2855-2861.	2.4	8
27	Synthesis and biological evaluation of sulforaphane derivatives as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 529-539.	5.5	29
28	Discovery of Plant Phenolic Compounds That Act as Type III Secretion System Inhibitors or Inducers of the Fire Blight Pathogen, <i>Erwinia amylovora</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 5424-5436.	3.1	71
29	Synthesis and Bioactivity of Novel Inhibitors for Type III Secretion System of <i>Pseudomonas aeruginosa</i> PAO1. <i>Chinese Journal of Organic Chemistry</i> , 2013, 33, 1309.	1.3	4
30	Derivatives of Plant Phenolic Compound Affect the Type III Secretion System of <i>Pseudomonas aeruginosa</i> via a GacS-GacA Two-Component Signal Transduction System. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 36-43.	3.2	75
31	Syntheses, structures and luminescence properties of two series of 3D lanthanide coordination polymers based on benzimidazole-5,6-dicarboxylic acid and oxalate. <i>Inorganic Chemistry Communication</i> , 2012, 23, 74-77.	3.9	10
32	Synthesis and biological evaluation of novel 4 <sup>2</sup> -(1,3,4-oxadiazole-2-amino)-podophyllotoxin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4778-4782.	2.2	41
33	Chemoprevention of 7,12-dimethylbenz[ <i>a</i> ]anthracene (DMBA)-induced Hamster Cheek Pouch Carcinogenesis by a 5-Lipoxygenase Inhibitor, Garcinol. <i>Nutrition and Cancer</i> , 2012, 64, 1211-1218.	2.0	40
34	Synthesis and antitumor activity of formononetin nitrogen mustard derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 175-187.	5.5	14
35	Two zinc(II) coordination polymers based on a benzenedicarboxylic acid derivative: Synthesis, crystal structures and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2012, 18, 29-33.	3.9	2
36	New Method for the Synthesis of Sulforaphane and Related Isothiocyanates. <i>Synthesis</i> , 2011, 2011, 3991-3996.	2.3	25

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37	The Plant Phenolic Compound <i>p</i> -Coumaric Acid Represses Gene Expression in the <i>Dickeya dadantii</i> Type III Secretion System. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1223-1228.	3.1	96