

Xin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,402
citations

516710

16
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

2361
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Visualization of arrestin recruitment by a G-protein-coupled receptor. <i>Nature</i> , 2014, 512, 218-222. | 27.8 | 433 |
| 2 | Mechanism of intracellular allosteric β 2AR antagonist revealed by X-ray crystal structure. <i>Nature</i> , 2017, 548, 480-484. | 27.8 | 148 |
| 3 | Allosteric β -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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Small-Molecule Positive Allosteric Modulators of the β 2-Adrenoceptor Isolated from DNA-Encoded Libraries. <i>Molecular Pharmacology</i> , 2018, 94, 850-861. | 2.3 | 66 |
| 8 | Small-Molecule Inhibitors of the Type III Secretion System. <i>Molecules</i> , 2015, 20, 17659-17674. | 3.8 | 48 |
| 9 | Synthesis and biological evaluation of novel 4 ^{1,2} -(1,3,4-oxadiazole-2-amino)-podophyllotoxin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4778-4782. | 2.2 | 41 |
| 10 | 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 |
| 11 | Derivative of plant phenolic compound inhibits the type III secretion system of <i>Dickeya dadantii</i> via HrpX/HrpY two-component signal transduction and HrpR/Sm systems. <i>Molecular Plant Pathology</i> , 2015, 16, 150-163. | 4.2 | 33 |
| 12 | 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 |
| 13 | New Method for the Synthesis of Sulforaphane and Related Isothiocyanates. <i>Synthesis</i> , 2011, 2011, 3991-3996. | 2.3 | 25 |
| 14 | DeSiphering receptor core-induced and ligand-dependent conformational changes in arrestin via genetic encoded trimethylsilyl 1H-NMR probe. <i>Nature Communications</i> , 2020, 11, 4857. | 12.8 | 25 |
| 15 | 13,14-Dihydroxy groups are critical for the anti-cancer effects of garcinol. <i>Bioorganic Chemistry</i> , 2015, 60, 123-129. | 4.1 | 21 |
| 16 | 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 |
| 17 | Visible-Light-Mediated Cyclopropanation Reactions of 3-Diazoindoles with Arenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 7131-7140. | 3.2 | 16 |
| 18 | Synthesis and antitumor activity of formononetin nitrogen mustard derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 175-187. | 5.5 | 14 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Synthesis and antitumor activity of novel 4-aminoquinoline derivatives. <i>Medicinal Chemistry Research</i> , 2013, 22, 2855-2861. | 2.4 | 8 |
| 21 | 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 |
| 22 | Alternate Synthesis of HSP90 Inhibitor AT13387. <i>Synthetic Communications</i> , 2014, 44, 2416-2425. | 2.1 | 6 |
| 23 | Design, synthesis, and functional assessment of Cmpd-15 derivatives as negative allosteric modulators for the β 2-adrenergic receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2320-2330. | 3.0 | 6 |
| 24 | Synthesis of Fmoc-protected (S)-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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Asymmetric synthesis of multifunctional aryl allyl ethers by nucleophilic catalysis. <i>RSC Advances</i> , 2019, 9, 11585-11588. | 3.6 | 4 |
| 30 | 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 |
| 31 | Total synthesis of (3Z,9Z,6S,7R) and (3Z,9Z,6R,7S)-6,7-epoxy-3,9-octadecadienes. <i>Synthetic Communications</i> , 2017, 47, 1848-1853. | 2.1 | 3 |
| 32 | Cell active and functionally-relevant small-molecule agonists of calcitonin receptor. <i>Bioorganic Chemistry</i> , 2020, 96, 103596. | 4.1 | 3 |
| 33 | 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 |
| 34 | 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 |
| 35 | Synthesis of Bitopic Ligands as Potent Dopamine D ₂ Receptor Agonists. <i>ChemMedChem</i> , 2022, 17, . | 3.2 | 2 |
| 36 | New method for synthesis of EZH2 methyltransferase inhibitor GSK126. <i>Synthetic Communications</i> , 2016, 46, 1215-1222. | 2.1 | 1 |

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|----|---|-----|-----------|
| 37 | 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 |