Cai-Guang Yang

List of Publications by Year
in descending order

50 papers	4,860 citations	257450 24 h-index	175258 52 g-index
53 all docs	53 docs citations	53 times ranked	5525 citing authors

#	Article	IF	Citations
1	Covalent sortase A inhibitor ML346 prevents Staphylococcus aureus infection of Galleria mellonella. RSC Medicinal Chemistry, 2022, 13, 138-149.	3.9	7
2	A <scp>Rheinâ€Based</scp> Rh(<scp>III</scp>) Arene Complex with Antiâ€tumor Cell Proliferative Activity Inhibits <scp>RNA</scp> Demethylase <scp>FTO</scp>. Chinese Journal of Chemistry, 2022, 40, 1156-1164.	4.9	11
3	A Peptide Binder of E3 Ligase Adaptor SPOP Disrupts Oncogenic SPOPâ€Protein Interactions in Kidney Cancer Cells. Chinese Journal of Chemistry, 2021, 39, 274-280.	4.9	3
4	Synthesis and <scp>Structureâ€Activity</scp> Relationships of <scp>Ringâ€Opened</scp> Bengamide Analogues against <scp>Methicillinâ€Resistant</scp>Staphylococcus aureus^{â€}. Chinese Journal of Chemistry, 2021, 39, 671-676.	4.9	4
5	Targeting the RNA demethylase FTO for cancer therapy. RSC Chemical Biology, 2021, 2, 1352-1369.	4.1	26
6	Dual functions of SPOP and ERG dictate androgen therapy responses in prostate cancer. Nature Communications, 2021, 12, 734.	12.8	26
7	Tumors exploit FTO-mediated regulation of glycolytic metabolism to evade immune surveillance. Cell Metabolism, 2021, 33, 1221-1233.e11.	16.2	138
8	Dysregulation of ClpP by Small-Molecule Activators Used Against Xanthomonas oryzae pv. oryzae Infections. Journal of Agricultural and Food Chemistry, 2021, 69, 7545-7553.	5.2	24
9	Targeting Epitranscriptomic Proteins for Therapeutic Intervention. Biochemistry, 2020, 59, 125-127.	2.5	13
10	Design and synthesis of novel desfluoroquinolone-aminopyrimidine hybrids as potent anti-MRSA agents with low hERG activity. Bioorganic Chemistry, 2020, 103, 104176.	4.1	6
11	Revelation of AbfR in regulation of mismatch repair and energy metabolism in S. epidermidis by integrated proteomic and metabolomic analysis. Journal of Proteomics, 2020, 226, 103900.	2.4	2
12	Design, Synthesis and Biological Evaluation of Bengamide Analogues as <scp>ClpP</scp> Activators. Chinese Journal of Chemistry, 2020, 38, 1111-1115.	4.9	6
13	Tideglusib and Its Analogues As Inhibitors of Staphylococcus aureus SrtA. Journal of Medicinal Chemistry, 2020, 63, 8442-8457.	6.4	19
14	RNA Methylation m⁶A: A New Code and Drug Target?. Chinese Journal of Chemistry, 2020, 38, 420-421.	4.9	11
15	Capsaicin derivatives with nitrothiophene substituents: Design, synthesis and antibacterial activity against multidrug-resistant S.Âaureus. European Journal of Medicinal Chemistry, 2020, 198, 112352.	5.5	11
16	Structureâ€“Activity Relationship of SPOP Inhibitors against Kidney Cancer. Journal of Medicinal Chemistry, 2020, 63, 4849-4866.	6.4	16
17	Single-base mapping of m ⁶ A by an antibody-independent method. Science Advances, 2019, 5, eaax0250.	10.3	270
18	Sulfone-Based Probes Unraveled Dihydrolipoamide S-Succinyltransferase as an Unprecedented Target in Phytopathogens. Journal of Agricultural and Food Chemistry, 2019, 67, 6962-6969.	5.2	17

#	Article	IF	Citations
19	Small-Molecule Targeting of Oncogenic FTO Demethylase in Acute Myeloid Leukemia. Cancer Cell, 2019, 35, 677-691.e10.	16.8	516
20	Structural Insight into the Mechanism of Staphylococcus aureus Stp1 Phosphatase. ACS Infectious Diseases, 2019, 5, 841-850.	3.8	6
21	Design, synthesis and evaluation of hybrid of tetrahydrocarbazole with 2,4-diaminopyrimidine scaffold as antibacterial agents. European Journal of Medicinal Chemistry, 2019, 162, 203-211.	5.5	13
22	Chemical Intervention on Staphylococcus aureus Virulence. Chinese Journal of Chemistry, 2019, 37, 183-193.	4.9	13
23	Quinone skeleton as a new class of irreversible inhibitors against Staphylococcus aureus sortase A. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1864-1869.	2.2	20
24	The synthesis and antistaphylococcal activity of N-sulfonaminoethyloxime derivatives of dehydroabietic acid. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1943-1948.	2.2	14
25	The synthesis and antistaphylococcal activity of 9, 13-disubstituted berberine derivatives. European Journal of Medicinal Chemistry, 2017, 127, 424-433.	5.5	43
26	Structural Insights into the Redox-Sensing Mechanism of MarR-Type Regulator AbfR. Journal of the American Chemical Society, 2017, 139, 1598-1608.	13.7	10
27	m 6 A RNA Methylation Regulates the Self-Renewal and Tumorigenesis of Glioblastoma Stem Cells. Cell Reports, 2017, 18, 2622-2634.	6.4	1,026
28	Targeting SPOP with small molecules provides a novel strategy for kidney cancer therapy. Science China Life Sciences, 2017, 60, 91-93.	4.9	12
29	The development of small-molecule modulators for ClpP protease activity. Molecular BioSystems, 2017, 13, 23-31.	2.9	49
30	The synthesis and antistaphylococcal activity of dehydroabietic acid derivatives: modifications at C12 and C7. European Journal of Medicinal Chemistry, 2017, 127, 917-927.	5.5	21
31	Novobiocin binding to NalD induces the expression of the MexABâ€OprM pump in Pseudomonas aeruginosa. Molecular Microbiology, 2016, 100, 749-758.	2.5	32
32	Rhein Inhibits AlkB Repair Enzymes and Sensitizes Cells to Methylated DNA Damage. Journal of Biological Chemistry, 2016, 291, 11083-11093.	3.4	69
33	Characterization of Gain-of-Function Mutant Provides New Insights into ClpP Structure. ACS Chemical Biology, 2016, 11, 1964-1972.	3.4	32
34	Small-Molecule Targeting of E3 Ligase Adaptor SPOP in Kidney Cancer. Cancer Cell, 2016, 30, 474-484.	16.8	74
35	The synthesis and antistaphylococcal activity of dehydroabietic acid derivatives: Modifications at C-12. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5492-5496.	2.2	9
36	Small-molecule targeting of a diapophytoene desaturase inhibits S. aureus virulence. Nature Chemical Biology, 2016, 12, 174-179.	8.0	121

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37	Meclofenamic acid selectively inhibits FTO demethylation of m6A over ALKBH5. Nucleic Acids Research, 2015, 43, 373-384.	14.5	453
38	Fluorescein Derivatives as Bifunctional Molecules for the Simultaneous Inhibiting and Labeling of FTO Protein. Journal of the American Chemical Society, 2015, 137, 13736-13739.	13.7	99
39	The synthesis and antibacterial activity of pyrazole-fused tricyclic diterpene derivatives. European Journal of Medicinal Chemistry, 2015, 90, 10-20.	5.5	39
40	Antiinfective therapy with a small molecule inhibitor of Staphylococcus aureus sortase. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13517-13522.	7.1	128
41	Helix Unfolding/Refolding Characterizes the Functional Dynamics of Staphylococcus aureus Clp Protease. Journal of Biological Chemistry, 2013, 288, 17643-17653.	3.4	49
42	Oxidation-sensing Regulator AbfR Regulates Oxidative Stress Responses, Bacterial Aggregation, and Biofilm Formation in Staphylococcus epidermidis. Journal of Biological Chemistry, 2013, 288, 3739-3752.	3.4	22
43	Duplex interrogation by a direct DNA repair protein in search of base damage. Nature Structural and Molecular Biology, 2012, 19, 671-676.	8.2	62
44	Development of Cell-Active N⁶-Methyladenosine RNA Demethylase FTO Inhibitor. Journal of the American Chemical Society, 2012, 134, 17963-17971.	13.7	314
45	Structural Switching of Staphylococcus aureus Clp Protease. Journal of Biological Chemistry, 2011, 286, 37590-37601.	3.4	59
46	Structural insight into the oxidationâ€sensing mechanism of the antibiotic resistance of regulator MexR. EMBO Reports, 2010, 11, 685-690.	4.5	38
47	Mechanistic insight into the recognition of single-stranded and double-stranded DNA substrates by ABH2 and ABH3. Molecular BioSystems, 2010, 6, 2143.	2.9	45
48	Crystal structures of DNA/RNA repair enzymes AlkB and ABH2 bound to dsDNA. Nature, 2008, 452, 961-965.	27.8	230
49	Oxidative demethylation of 3â€methylthymine and 3â€methyluracil in singleâ€stranded DNA and RNA by mouse and human FTO. FEBS Letters, 2008, 582, 3313-3319.	2.8	359
50	Gold(I)-Catalyzed Intermolecular Addition of Phenols and Carboxylic Acids to Olefins. Journal of the American Chemical Society, 2005, 127, 6966-6967.	13.7	268