Minghao Xu

List of Publications by Year
in descending order

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17 papers	811 citations	687220 13 h-index	940416 16 g-index
18 all docs	18 docs citations	18 times ranked	1008 citing authors

#	Article	IF	Citations
1	Bioorthogonal chemistry. Nature Reviews Methods Primers, 2021, 1, .	11.8	201
2	Bioorthogonal Removal of 3-Isocyanopropyl Groups Enables the Controlled Release of Fluorophores and Drugs in Vivo. Journal of the American Chemical Society, 2018, 140, 8410-8414.	6.6	103
3	Dissociative Bioorthogonal Reactions. ChemBioChem, 2019, 20, 1615-1627.	1.3	61
4	Rapid and efficient tetrazine-induced drug release from highly stable benzonorbornadiene derivatives. Chemical Communications, 2017, 53, 6271-6274.	2.2	55
5	Discovery and Rational Design of Natural-Product-Derived 2-Phenyl-3,4-dihydro-2H-benzo[f]chromen-3-amine Analogs as Novel and Potent Dipeptidyl Peptidase 4 (DPP-4) Inhibitors for the Treatment of Type 2 Diabetes. Journal of Medicinal Chemistry, 2016, 59, 6772-6790.	2.9	49
6	Discovery of Diverse Human Dihydroorotate Dehydrogenase Inhibitors as Immunosuppressive Agents by Structure-Based Virtual Screening. Journal of Medicinal Chemistry, 2012, 55, 8341-8349.	2.9	47
7	Novel Selective and Potent Inhibitors of Malaria Parasite Dihydroorotate Dehydrogenase: Discovery and Optimization of Dihydrothiophenone Derivatives. Journal of Medicinal Chemistry, 2013, 56, 7911-7924.	2.9	47
8	Design, Synthesis, X-ray Crystallographic Analysis, and Biological Evaluation of Thiazole Derivatives as Potent and Selective Inhibitors of Human Dihydroorotate Dehydrogenase. Journal of Medicinal Chemistry, 2015, 58, 1123-1139.	2.9	47
9	Rationally Designed Multitarget Anticancer Agents. Current Medicinal Chemistry, 2013, 20, 1694-1714.	1.2	42
10	Isonitrile-responsive and bioorthogonally removable tetrazine protecting groups. Chemical Science, 2020, 11, 169-179.	3.7	41
11	Dissociative reactions of benzonorbornadienes with tetrazines: scope of leaving groups and mechanistic insights. Organic and Biomolecular Chemistry, 2017, 15, 9855-9865.	1.5	28
12	Tuning Isonitrile/Tetrazine Chemistry for Accelerated Deprotection and Formation of Stable Conjugates. Journal of Organic Chemistry, 2019, 84, 15520-15529.	1.7	22
13	Rational Design of Benzylidenehydrazinyl-Substituted Thiazole Derivatives as Potent Inhibitors of Human Dihydroorotate Dehydrogenase with in Vivo Anti-arthritic Activity. Scientific Reports, 2015, 5, 14836.	1.6	19
14	Synthesis, activity evaluation, and docking analysis of barbituric acid aryl hydrazone derivatives as RSK2 inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 747-752.	2.5	6
15	Cytotoxicity and DNA Binding Ability of Two Novel Gold(III) Complexes. Journal of Applied Spectroscopy, 2019, 86, 618-622.	0.3	6
16	A Stable Precursor for Bioorthogonally Removable 3-Isocyanopropyloxycarbonyl (ICPrc) Protecting Groups. Synlett, 2020, 31, 1701-1706.	1.0	1
17	Abstract 4772: Novel drug discovery approach targeting STAT3 for breast cancer therapy using MLSD and drug repositioning. , 2012, , .		1