Xiang Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7370572/publications.pdf

Version: 2024-02-01

20	777	567281 15	713466 21
papers	citations	h-index	g-index

24	24	24	873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Selective Inhibitor and Probe of the Cellular Functions of Jumonji C Domain-Containing Histone Demethylases. Journal of the American Chemical Society, 2011, 133, 9451-9456.	13.7	137
2	Gold(I)-Catalyzed Tandem Cyclization Approach to Tetracyclic Indolines. Organic Letters, 2010, 12, 1448-1451.	4.6	125
3	Bio-inspired synthesis yields a tricyclic indoline that selectively resensitizes methicillin-resistant Staphylococcus aureus (MRSA) to Î²-lactam antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15573-15578.	7.1	106
4	Selective Gold(I)-Catalyzed Formation of Tetracyclic Indolines: A Single Transition Structure and Bifurcations Lead to Multiple Products. Journal of Organic Chemistry, 2011, 76, 3477-3483.	3.2	53
5	Goldâ€Catalyzed Cyclization Leads to a Bridged Tetracyclic Indolenine that Represses Î²â€Lactam Resistance. Angewandte Chemie - International Edition, 2015, 54, 9546-9549.	13.8	53
6	Gold Approaches to Polycyclic Indole Alkaloids. Chemistry Letters, 2014, 43, 572-578.	1.3	43
7	Enantioselective Tandem Cyclization of Alkyneâ€Tethered Indoles Using Cooperative Silver(I)/Chiral Phosphoric Acid Catalysis. Angewandte Chemie - International Edition, 2017, 56, 12206-12209.	13.8	43
8	Structureâ€“Activity Relationship Studies of the Tricyclic Indoline Resistance-Modifying Agent. Journal of Medicinal Chemistry, 2014, 57, 3803-3817.	6.4	39
9	Discovery and initial structureâ€“activity relationships of N -benzyl tricyclic indolines as antibacterials for methicillin-resistant Staphylococcus aureus. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5602-5605.	2.2	25
10	Tetracyclic indolines as a novel class of Î²-lactam-selective resistance-modifying agent for MRSA. European Journal of Medicinal Chemistry, 2017, 125, 130-142.	5.5	22
11	A one-pot three-component reaction for the preparation of highly functionalized tryptamines. Tetrahedron, 2012, 68, 813-818.	1.9	19
12	Quantitative Analysis of Histone Demethylase Probes Using Fluorescence Polarization. Journal of Medicinal Chemistry, 2013, 56, 5198-5202.	6.4	18
13	Propertyâ€Guided Synthesis of Azaâ€Tricyclic Indolines: Development of Gold Catalysis En Route. Advanced Synthesis and Catalysis, 2016, 358, 1482-1490.	4.3	17
14	Novel Scaffolds of Cell-Active Histone Demethylase Inhibitors Identified from High-Throughput Screening. Journal of Biomolecular Screening, 2015, 20, 821-827.	2.6	15
15	A Fluorescence Polarization Biophysical Assay for the Naegleria DNA Hydroxylase Tet1. ACS Medicinal Chemistry Letters, 2016, 7, 167-171.	2.8	15
16	Enantioselective Tandem Cyclization of Alkyneâ€Tethered Indoles Using Cooperative Silver(I)/Chiral Phosphoric Acid Catalysis. Angewandte Chemie, 2017, 129, 12374-12377.	2.0	12
17	Diastereoselective synthesis and biological evaluation of enantiomerically pure tricyclic indolines. Organic and Biomolecular Chemistry, 2017, 15, 4241-4245.	2.8	8
18	Tryptoline-based benzothiazoles re-sensitize MRSA to Î²-lactam antibiotics. Bioorganic and Medicinal Chemistry, 2019, 27, 115095.	3.0	8

#	Article	IF	Citations
19	Serendipitous Discovery of a Highly Active and Selective Resistance-Modifying Agent for Colistin-Resistant Gram-Negative Bacteria. ACS Omega, 2022, 7, 12442-12446.	3.5	3
20	Structureâ€“activity relationship studies of [1,2,5]oxadiazolo[3,4-b]pyrazine-containing polymyxin-selective resistance-modifying agents. Bioorganic and Medicinal Chemistry Letters, 2022, 72, 128878.	2.2	1