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List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,682
citations

430874

18
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

2628
citing authors

#	ARTICLE	IF	CITATIONS
1	Arginine demethylation is catalysed by a subset of JmjC histone lysine demethylases. <i>Nature Communications</i> , 2016, 7, 11974.	12.8	168
2	Human UTY(KDM6C) Is a Male-specific N ⁶ -Methyl Lysyl Demethylase. <i>Journal of Biological Chemistry</i> , 2014, 289, 18302-18313.	3.4	166
3	Mechanisms of human histone and nucleic acid demethylases. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 525-534.	6.1	163
4	5-Carboxy-8-hydroxyquinoline is a broad spectrum 2-oxoglutarate oxygenase inhibitor which causes iron translocation. <i>Chemical Science</i> , 2013, 4, 3110.	7.4	142
5	Plant Growth Regulator Daminozide Is a Selective Inhibitor of Human KDM2/7 Histone Demethylases. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6639-6643.	6.4	125
6	Epigenetic regulation by histone demethylases in hypoxia. <i>Epigenomics</i> , 2015, 7, 791-811.	2.1	124
7	Highly selective inhibition of histone demethylases by de novo macrocyclic peptides. <i>Nature Communications</i> , 2017, 8, 14773.	12.8	124
8	Identification of the KDM2/7 Histone Lysine Demethylase Subfamily Inhibitor and its Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7222-7231.	6.4	77
9	Studies on the catalytic domains of multiple JmjC oxygenases using peptide substrates. <i>Epigenetics</i> , 2014, 9, 1596-1603.	2.7	74
10	Exploring sequence space: harnessing chemical and biological diversity towards new peptide leads. <i>Current Opinion in Chemical Biology</i> , 2017, 38, 52-61.	6.1	68
11	Linking of 2-oxoglutarate and Substrate Binding Sites Enables Potent and Highly Selective Inhibition of JmjC Histone Demethylases. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1631-1634.	13.8	64
12	Strategies for transitioning macrocyclic peptides to cell-permeable drug leads. <i>Current Opinion in Biotechnology</i> , 2017, 48, 242-250.	6.6	62
13	Total Synthesis of the Antitumor Antibiotic (±)-Streptonigrin: First- and Second-Generation Routes for de Novo Pyridine Formation Using Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2013, 78, 12338-12350.	3.2	56
14	Dynamic Combinatorial Mass Spectrometry Leads to Inhibitors of a 2-Oxoglutarate-Dependent Nucleic Acid Demethylase. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2173-2184.	6.4	49
15	The Ugi four-component reaction enables expedient synthesis and comparison of photoaffinity probes. <i>Chemical Science</i> , 2013, 4, 4115.	7.4	38
16	Is JmjC Oxygenase Catalysis Limited to Demethylation?. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7709-7713.	13.8	32
17	Introduction to Structural Studies on 2-Oxoglutarate-Dependent Oxygenases and Related Enzymes. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2015, , 59-94.	0.8	30
18	Cyclic peptides can engage a single binding pocket through highly divergent modes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26728-26738.	7.1	27

#	ARTICLE	IF	CITATIONS
19	The characterization of protein interactions “ what, how and how much?. Chemical Society Reviews, 2021, 50, 12292-12307.	38.1	23
20	Analysis of JmjC Demethylase-Catalyzed Demethylation Using Geometrically-Constrained Lysine Analogues. ACS Chemical Biology, 2016, 11, 755-762.	3.4	15
21	Hypoxia and hypoxia mimetics differentially modulate histone post-translational modifications. Epigenetics, 2021, 16, 14-27.	2.7	12
22	Mechanistic and structural studies of KDM4-catalysed demethylation of histone 1 isotype 4 at lysine 26. FEBS Letters, 2018, 592, 3264-3273.	2.8	10
23	Strategies to expand peptide functionality through hybridisation with a small molecule component. RSC Chemical Biology, 2021, 2, 151-165.	4.1	10
24	Adventures in Defining Roles of Oxygenases in the Regulation of Protein Biosynthesis. Chemical Record, 2018, 18, 1760-1781.	5.8	4
25	Human histone demethylase KDM6B can catalyse sequential oxidations. Chemical Communications, 2018, 54, 7975-7978.	4.1	3
26	Fluorescent Amino Acid Initiated de novo Cyclic Peptides for the Label-Free Assessment of Cell Permeability**. ChemMedChem, 2021, 16, 3185-3188.	3.2	3
27	1H, 13C, and 15N resonance assignments for the tandem PHD finger motifs of human CHD4. Biomolecular NMR Assignments, 2015, 9, 239-242.	0.8	0
28	Protein Chemistry Looking Ahead: 8th Chemical Protein Synthesis Meeting 16-19 June 2019, Berlin, Germany. Cell Chemical Biology, 2019, 26, 1349-1354.	5.2	0