

Oliver N F King

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,912
citations

567281

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839539

18
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docs citations

20
times ranked

4996
citing authors

#	ARTICLE	IF	CITATIONS
1	The oncometabolite 2-hydroxyglutarate inhibits histone lysine demethylases. <i>EMBO Reports</i> , 2011, 12, 463-469.	4.5	851
2	Large-Scale Structural Analysis of the Classical Human Protein Tyrosine Phosphatome. <i>Cell</i> , 2009, 136, 352-363.	28.9	421
3	Inhibition of 2-oxoglutarate dependent oxygenases. <i>Chemical Society Reviews</i> , 2011, 40, 4364.	38.1	336
4	Quantitative High-Throughput Screening Identifies 8-Hydroxyquinolines as Cell-Active Histone Demethylase Inhibitors. <i>PLoS ONE</i> , 2010, 5, e15535.	2.5	194
5	Specific CLK Inhibitors from a Novel Chemotype for Regulation of Alternative Splicing. <i>Chemistry and Biology</i> , 2011, 18, 67-76.	6.0	173
6	Selective Inhibitors of the JMJD2 Histone Demethylases: Combined Nondenaturing Mass Spectrometric Screening and Crystallographic Approaches. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 1810-1818.	6.4	146
7	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
8	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
9	Highly selective inhibition of histone demethylases by de novo macrocyclic peptides. <i>Nature Communications</i> , 2017, 8, 14773.	12.8	124
10	Pan-Histone Demethylase Inhibitors Simultaneously Targeting Jumonji C and Lysine-Specific Demethylases Display High Anticancer Activities. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 42-55.	6.4	105
11	Inhibition of Histone Demethylases by 4-Carboxy-2-Pyridyl Compounds. <i>ChemMedChem</i> , 2011, 6, 759-764.	7.4	76
12	Development of homogeneous luminescence assays for histone demethylase catalysis and binding. <i>Analytical Biochemistry</i> , 2010, 404, 86-93.	2.4	66
13	A prominent \hat{A} -hairpin structure in the winged-helix domain of RECQ1 is required for DNA unwinding and oligomer formation. <i>Nucleic Acids Research</i> , 2011, 39, 1703-1717.	14.5	52
14	The <i>Cryptosporidium parvum</i> Kinome. <i>BMC Genomics</i> , 2011, 12, 478.	2.8	35
15	Non-competitive cyclic peptides for targeting enzyme-substrate complexes. <i>Chemical Science</i> , 2018, 9, 4569-4578.	7.4	24
16	A massively multi-scale approach to characterizing tissue architecture by synchrotron micro-CT applied to the human placenta. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210140.	3.4	20
17	SuRVoS 2: Accelerating Annotation and Segmentation for Large Volumetric Bioimage Workflows Across Modalities and Scales. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 842342.	3.7	10
18	Beamline K11 DIAD: a new instrument for dual imaging and diffraction at Diamond Light Source. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1985-1995.	2.4	8