Katrin F Chua

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9010526/publications.pdf

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19 papers	3,830 citations	687363 13 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	4301 citing authors

#	Article	IF	Citations
1	HDAC inhibition results in widespread alteration of the histone acetylation landscape and BRD4 targeting to gene bodies. Cell Reports, 2021, 34, 108638.	6.4	60
2	Elevated NSD3 histone methylation activity drives squamous cell lung cancer. Nature, 2021, 590, 504-508.	27.8	79
3	Mammalian SIRT6 Represses Invasive Cancer Cell Phenotypes through ATP Citrate Lyase (ACLY)-Dependent Histone Acetylation. Genes, 2021, 12, 1460.	2.4	7
4	Multivalent tumor suppressor adenomatous polyposis coli promotes Axin biomolecular condensate formation and efficient Î²-catenin degradation. Scientific Reports, 2020, 10, 17425.	3.3	12
5	Binding to medium and long chain fatty acyls is a common property of HEAT and ARM repeat modules. Scientific Reports, 2019, 9, 14226.	3.3	3
6	Structural basis for the activation and inhibition of Sirtuin 6 by quercetin and its derivatives. Scientific Reports, 2019, 9, 19176.	3.3	61
7	A Click Chemistry Approach Reveals the Chromatin-Dependent Histone H3K36 Deacylase Nature of SIRT7. Journal of the American Chemical Society, 2019, 141, 2462-2473.	13.7	49
8	The epigenetic regulator SIRT7 guards against mammalian cellular senescence induced by ribosomal DNA instability. Journal of Biological Chemistry, 2018, 293, 11242-11250.	3.4	58
9	Structural Basis of Sirtuin 6 Activation by Synthetic Small Molecules. Angewandte Chemie - International Edition, 2017, 56, 1007-1011.	13.8	125
10	Structural Basis of Sirtuin 6 Activation by Synthetic Small Molecules. Angewandte Chemie, 2017, 129, 1027-1031.	2.0	4
11	SIRT6: Novel Mechanisms and Links to Aging and Disease. Trends in Endocrinology and Metabolism, 2017, 28, 168-185.	7.1	209
12	<scp>SIRT</scp> 7 clears the way for <scp>DNA</scp> repair. EMBO Journal, 2016, 35, 1483-1485.	7.8	17
13	SIRT6 deacetylates H3K18ac at pericentric chromatin to prevent mitotic errors and cellular senescence. Nature Structural and Molecular Biology, 2016, 23, 434-440.	8.2	174
14	Methylation gets into rhythm with NAD+-SIRT1. Nature Structural and Molecular Biology, 2015, 22, 275-277.	8.2	10
15	SIRT7 Represses Myc Activity to Suppress ER Stress and Prevent Fatty Liver Disease. Cell Reports, 2013, 5, 654-665.	6.4	241
16	Proteomic analysis of the SIRT6 interactome: novel links to genome maintenance and cellular stress signaling. Scientific Reports, 2013, 3, 3085.	3.3	38
17	Cell cycle-dependent deacetylation of telomeric histone H3 lysine K56 by human SIRT6. Cell Cycle, 2009, 8, 2664-2666.	2.6	339
18	SIRT6 is a histone H3 lysine 9 deacetylase that modulates telomeric chromatin. Nature, 2008, 452, 492-496.	27.8	945

#	Article	IF	Citations
19	Genomic Instability and Aging-like Phenotype in the Absence of Mammalian SIRT6. Cell, 2006, 124, 315-329.	28.9	1,399