

Katrin F Chua

List of Publications by Year in descending order

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Version: 2024-02-01

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	Genomic Instability and Aging-like Phenotype in the Absence of Mammalian SIRT6. <i>Cell</i> , 2006, 124, 315-329.	28.9	1,399
2	SIRT6 is a histone H3 lysine 9 deacetylase that modulates telomeric chromatin. <i>Nature</i> , 2008, 452, 492-496.	27.8	945
3	Cell cycle-dependent deacetylation of telomeric histone H3 lysine K56 by human SIRT6. <i>Cell Cycle</i> , 2009, 8, 2664-2666.	2.6	339
4	SIRT7 Represses Myc Activity to Suppress ER Stress and Prevent Fatty Liver Disease. <i>Cell Reports</i> , 2013, 5, 654-665.	6.4	241
5	SIRT6: Novel Mechanisms and Links to Aging and Disease. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 168-185.	7.1	209
6	SIRT6 deacetylates H3K18ac at pericentric chromatin to prevent mitotic errors and cellular senescence. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 434-440.	8.2	174
7	Structural Basis of Sirtuin 6 Activation by Synthetic Small Molecules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1007-1011.	13.8	125
8	Elevated NSD3 histone methylation activity drives squamous cell lung cancer. <i>Nature</i> , 2021, 590, 504-508.	27.8	79
9	Structural basis for the activation and inhibition of Sirtuin 6 by quercetin and its derivatives. <i>Scientific Reports</i> , 2019, 9, 19176.	3.3	61
10	HDAC inhibition results in widespread alteration of the histone acetylation landscape and BRD4 targeting to gene bodies. <i>Cell Reports</i> , 2021, 34, 108638.	6.4	60
11	The epigenetic regulator SIRT7 guards against mammalian cellular senescence induced by ribosomal DNA instability. <i>Journal of Biological Chemistry</i> , 2018, 293, 11242-11250.	3.4	58
12	A Click Chemistry Approach Reveals the Chromatin-Dependent Histone H3K36 Deacetylase Nature of SIRT7. <i>Journal of the American Chemical Society</i> , 2019, 141, 2462-2473.	13.7	49
13	Proteomic analysis of the SIRT6 interactome: novel links to genome maintenance and cellular stress signaling. <i>Scientific Reports</i> , 2013, 3, 3085.	3.3	38
14	<sc>SIRT</sc> 7 clears the way for <sc>DNA</sc> repair. <i>EMBO Journal</i> , 2016, 35, 1483-1485.	7.8	17
15	Multivalent tumor suppressor adenomatous polyposis coli promotes Axin biomolecular condensate formation and efficient β -catenin degradation. <i>Scientific Reports</i> , 2020, 10, 17425.	3.3	12
16	Methylation gets into rhythm with NAD ⁺ -SIRT1. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 275-277.	8.2	10
17	Mammalian SIRT6 Represses Invasive Cancer Cell Phenotypes through ATP Citrate Lyase (ACLY)-Dependent Histone Acetylation. <i>Genes</i> , 2021, 12, 1460.	2.4	7
18	Structural Basis of Sirtuin 6 Activation by Synthetic Small Molecules. <i>Angewandte Chemie</i> , 2017, 129, 1027-1031.	2.0	4

#	ARTICLE	IF	CITATIONS
19	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