Cheng-Fu Kao

List of Publications by Year
in descending order

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43 papers	2,553 citations	394421 19 h-index	345221 36 g-index
45 all docs	45 docs citations	45 times ranked	3309 citing authors

#	Article	IF	Citations
1	Transcriptional activation via sequential histone H2B ubiquitylation and deubiquitylation, mediated by SAGA-associated Ubp8. Genes and Development, 2003, 17, 2648-2663.	5.9	598
2	H2B Ubiquitylation Plays a Role in Nucleosome Dynamics during Transcription Elongation. Molecular Cell, 2008, 31, 57-66.	9.7	319
3	Histone H2B Ubiquitylation Is Associated with Elongating RNA Polymerase II. Molecular and Cellular Biology, 2005, 25, 637-651.	2.3	299
4	Rad6 plays a role in transcriptional activation through ubiquitylation of histone H2B. Genes and Development, 2004, 18, 184-195.	5.9	186
5	The SAGA coactivator complex acts on the whole transcribed genome and is required for RNA polymerase II transcription. Genes and Development, 2014, 28, 1999-2012.	5.9	180
6	HP1 binding to native chromatin in vitro is determined by the hinge region and not by the chromodomain. EMBO Journal, 2003, 22, 3164-3174.	7.8	126
7	Epithelial Cell Adhesion Molecule Regulation Is Associated with the Maintenance of the Undifferentiated Phenotype of Human Embryonic Stem Cells. Journal of Biological Chemistry, 2010, 285, 8719-8732.	3.4	114
8	Integrative transcriptome sequencing identifies trans-splicing events with important roles in human embryonic stem cell pluripotency. Genome Research, 2014, 24, 25-36.	5.5	91
9	Histone Ubiquitylation and the Regulation of Transcription. , 2006, 41, 47-75.		59
10	LHX2 regulates the neural differentiation of human embryonic stem cells via transcriptional modulation of PAX6 and CER1. Nucleic Acids Research, 2013, 41, 7753-7770.	14.5	58
11	Interplay between SIN3A and STAT3 Mediates Chromatin Conformational Changes and GFAP Expression during Cellular Differentiation. PLoS ONE, 2011, 6, e22018.	2.5	48
12	DNA methylation and histone modification regulate silencing of OPG during tumor progression. Journal of Cellular Biochemistry, 2009, 108, 315-325.	2.6	47
13	Histone ubiquitylation and chromatin dynamics. Frontiers in Bioscience - Landmark, 2012, 17, 1051.	3.0	42
14	H3K4 methylation at active genes mitigates transcription-replication conflicts during replication stress. Nature Communications, 2020, 11, 809.	12.8	41
15	NOLC1, an Enhancer of Nasopharyngeal Carcinoma Progression, Is Essential for TP53 to Regulate MDM2 Expression. American Journal of Pathology, 2009, 175, 342-354.	3.8	40
16	Monoubiquitylation of histone H2B contributes to the bypass of DNA damage during and after DNA replication. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2205-E2214.	7.1	39
17	H2B ubiquitylation is part of chromatin architecture that marks exon-intron structure in budding yeast. BMC Genomics, 2011, 12, 627.	2.8	27
18	Heme oxygenase-1 induction by the ROSâ€"JNK pathway plays a role in aluminum-induced anemia. Journal of Inorganic Biochemistry, 2013, 128, 221-228.	3.5	26

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19	H2B Mono-ubiquitylation Facilitates Fork Stalling and Recovery during Replication Stress by Coordinating Rad53 Activation and Chromatin Assembly. PLoS Genetics, 2014, 10, e1004667.	3.5	26
20	Flickinâ€™ the ubiquitin switch. Epigenetics, 2011, 6, 1165-1175.	2.7	21
21	Feedback Control of Snf1 Protein and Its Phosphorylation Is Necessary for Adaptation to Environmental Stress. Journal of Biological Chemistry, 2015, 290, 16786-16796.	3.4	19
22	WNT3A Promotes Neuronal Regeneration upon Traumatic Brain Injury. International Journal of Molecular Sciences, 2020, 21, 1463.	4.1	18
23	Local chromatin fiber folding represses transcription and loop extrusion in quiescent cells. ELife, 2021, 10, .	6.0	18
24	Resveratrol activates the histone H2B ubiquitin ligase, RNF20, in MDA-MB-231 breast cancer cells. Journal of Functional Foods, 2013, 5, 790-800.	3.4	15
25	Induction of GADD45Î± expression contributes to the anti-proliferative effects of polymethoxyflavones on colorectal cancer cells. Journal of Functional Foods, 2013, 5, 616-624.	3.4	12
26	(Ubi)quitinâ€™ the h2bit: recent insights into the roles of H2B ubiquitylation in DNA replication and transcription. Epigenetics, 2015, 10, 122-126.	2.7	11
27	Expression of zebrafish anterior gradient 2 in the semicircular canals and supporting cells of otic vesicle sensory patches is regulated by Sox10. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 425-437.	1.9	10
28	H2B ubiquitylation and the histone chaperone Asf1 cooperatively mediate the formation and maintenance of heterochromatin silencing. Nucleic Acids Research, 2017, 45, 8225-8238.	14.5	9
29	H3K4 Methylation in Aging and Metabolism. Epigenomes, 2021, 5, 14.	1.8	9
30	Mutation at a distance caused by homopolymeric guanine repeats in Saccharomyces cerevisiae. Science Advances, 2016, 2, e1501033.	10.3	8
31	Experimental evolution reveals a general role for the methyltransferase Hmt1 in noise buffering. PLoS Biology, 2019, 17, e3000433.	5.6	7
32	Histone dynamics during DNA replication stress. Journal of Biomedical Science, 2021, 28, 48.	7.0	7
33	The C-Terminus of Histone H2B Is Involved in Chromatin Compaction Specifically at Telomeres, Independently of Its Monoubiquitylation at Lysine 123. PLoS ONE, 2011, 6, e22209.	2.5	7
34	Human pluripotent stem cells: current status and future perspectives. Chinese Journal of Physiology, 2008, 51, 214-25.	1.0	6
35	SH2B1 modulates chromatin state and MyoD occupancy to enhance expressions of myogenic genes. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 270-281.	1.9	4
36	Epigenetic Regulation of WNT3A Enhancer during Regeneration of Injured Cortical Neurons. International Journal of Molecular Sciences, 2020, 21, 1891.	4.1	4

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37	iTARGEX analysis of yeast deletome reveals novel regulators of transcriptional buffering in S phase and protein turnover. Nucleic Acids Research, 2021, 49, 7318-7329.	14.5	2
38	Effect of Physiological Levels of Sodium Selenite on the Expression and Regulation of Hypermethylated Tumor Supressor Gene in Human Breast Cancer Cell Line. FASEB Journal, 2010, 24, 916.6.	0.5	0
39	Regulation of Snf1 kinase by a cross talk between ubiquitylation and phosphorylation (LB256). FASEB Journal, 2014, 28, LB256.	0.5	0
40	Experimental evolution reveals a general role for the methyltransferase Hmt1 in noise buffering. , 2019, 17, e3000433.		0
41	Experimental evolution reveals a general role for the methyltransferase Hmt1 in noise buffering. , 2019, 17, e3000433.		0
42	Experimental evolution reveals a general role for the methyltransferase Hmt1 in noise buffering. , 2019, 17, e3000433.		0
43	Experimental evolution reveals a general role for the methyltransferase Hmt1 in noise buffering. , 2019, 17, e3000433.		0