Siavash K Kurdistani

List of Publications by Year
in descending order

70	8,186	108046	150775
papers	citations	37 h-index	59 g-index

76	76	76	12699
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chromatin as a metabolic organelle: Integrating the cellular flow of carbon with gene expression. Molecular Cell, 2022, 82, 8-9.	4.5	3
2	A pathogenic role for histone H3 copper reductase activity in a yeast model of Friedreichâ€™s ataxia. Science Advances, 2021, 7, eabj9889.	4.7	6
3	The histone H3-H4 tetramer is a copper reductase enzyme. Science, 2020, 369, 59-64.	6.0	60
4	EvoChromo: towards a synthesis of chromatin biology and evolution. Development (Cambridge), 2019, 146, .	1.2	16
5	MLLT3 governs human haematopoietic stem-cell self-renewal and engraftment. Nature, 2019, 576, 281-286.	13.7	94
6	Promoter-Enhancer Communication Occurs Primarily within Insulated Neighborhoods. Molecular Cell, 2019, 73, 250-263.e5.	4.5	81
7	Reprogramming normal human epithelial tissues to a common, lethal neuroendocrine cancer lineage. Science, 2018, 362, 91-95.	6.0	217
8	Cbx3 maintains lineage specificity during neural differentiation. Genes and Development, 2017, 31, 241-246.	2.7	34
9	Mot1, Ino80C, and NC2 Function Coordinately to Regulate Pervasive Transcription in Yeast and Mammals. Molecular Cell, 2017, 67, 594-607.e4.	4.5	42
10	Endoplasmic reticulumâ€“mitochondria junction is required for iron homeostasis. Journal of Biological Chemistry, 2017, 292, 13197-13204.	1.6	40
11	Exploitation of EP300 and CREBBP Lysine Acetyltransferases by Cancer. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a026534.	2.9	164
12	Histone deacetylase inhibitors provoke a tumor supportive phenotype in pancreatic cancer associated fibroblasts. Oncotarget, 2017, 8, 19074-19088.	0.8	28
13	Histone Modification. , 2017, , 2085-2088.		1
14	MEF2C protects bone marrow B-lymphoid progenitors during stress haematopoiesis. Nature Communications, 2016, 7, 12376.	5.8	24
15	Reciprocal Regulation of the Cardiac Epigenome by Chromatin Structural Proteins Hmgb and Ctcf. Journal of Biological Chemistry, 2016, 291, 15428-15446.	1.6	30
16	EP400 Deposits H3.3 into Promoters and Enhancers during Gene Activation. Molecular Cell, 2016, 61, 27-38.	4.5	94
17	MCT1 Modulates Cancer Cell Pyruvate Export and Growth of Tumors that Co-express MCT1 and MCT4. Cell Reports, 2016, 14, 1590-1601.	2.9	174
18	The Ino80 complex prevents invasion of euchromatin into silent chromatin. Genes and Development, 2015, 29, 350-355.	2.7	38

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19	Scl binds to primed enhancers in mesoderm to regulate hematopoietic and cardiac fate divergence. EMBO Journal, 2015, 34, 759-777.	3.5	64
20	A unique epigenetic signature is associated with active DNA replication loci in human embryonic stem cells. Epigenetics, 2014, 9, 257-267.	1.3	23
21	Adenovirus E4ORF1-Induced MYC Activation Promotes Host Cell Anabolic Glucose Metabolism and Virus Replication. Cell Metabolism, 2014, 19, 694-701.	7.2	209
22	Histone Deacetylase Inhibitor Sensitizes Apoptosis-Resistant Melanomas to Cytotoxic Human T Lymphocytes through Regulation of TRAIL/DR5 Pathway. Journal of Immunology, 2014, 192, 3981-3989.	0.4	21
23	Adenovirus Small E1A Employs the Lysine Acetylases p300/CBP and Tumor Suppressor Rb to Repress Select Host Genes and Promote Productive Virus Infection. Cell Host and Microbe, 2014, 16, 663-676.	5.1	88
24	Chromatin: a capacitor of acetate for integrated regulation of gene expression and cell physiology. Current Opinion in Genetics and Development, 2014, 26, 53-58.	1.5	36
25	Evolution of histone 2A for chromatin compaction in eukaryotes. ELife, 2014, 3, .	2.8	19
26	Histone Acetylation Regulates Intracellular pH. Molecular Cell, 2013, 49, 310-321.	4.5	210
27	EGFR Mutation-Induced Alternative Splicing of Max Contributes to Growth of Glycolytic Tumors in Brain Cancer. Cell Metabolism, 2013, 17, 1000-1008.	7.2	130
28	CTIP2 is a negative regulator of P-TEFb. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12655-12660.	3.3	86
29	Dynamic Distribution of Linker Histone H1.5 in Cellular Differentiation. PLoS Genetics, 2012, 8, e1002879.	1.5	70
30	Stimulation of Histone Deacetylase Activity by Metabolites of Intermediary Metabolism. Journal of Biological Chemistry, 2012, 287, 32006-32016.	1.6	72
31	Enhancer dysfunction: how the main regulators of gene expression contribute to cancer. Genome Biology, 2012, 13, 156.	13.9	8
32	Scl Represses Cardiomyogenesis in Prospective Hemogenic Endothelium and Endocardium. Cell, 2012, 150, 590-605.	13.5	142
33	Mediator and SAGA Have Distinct Roles in Pol II Preinitiation Complex Assembly and Function. Cell Reports, 2012, 2, 1061-1067.	2.9	28
34	Polycomb Repressive Complex 1 (PRC1) Disassembles RNA Polymerase II Preinitiation Complexes. Journal of Biological Chemistry, 2012, 287, 35784-35794.	1.6	66
35	Reorganization of the host epigenome by a viral oncogene. Genome Research, 2012, 22, 1212-1221.	2.4	61
36	The Rpd3 Core Complex Is a Chromatin Stabilization Module. Current Biology, 2012, 22, 56-63.	1.8	57

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37	Scl/Tal1 Directly Activates Hematopoiesis and Represses Cardiogenesis During Mesodermal Diversification. Blood, 2012, 120, 3446-3446.	0.6	0
38	Histone Modifications in Cancer Biology and Prognosis. , 2011, 67, 91-106.		77
39	Genome-Wide Binding Map of the HIV-1 Tat Protein to the Human Genome. PLoS ONE, 2011, 6, e26894.	1.1	40
40	Histone Modification. , 2011, , 1703-1705.		0
41	Pharmacologic Doses of Amiloride Preferentially Induce Apoptosis and Growth Inhibition of Flt3-ITD Mutation Positive Acute Myeloid Leukemia Cell Lines. Blood, 2011, 118, 5004-5004.	0.6	0
42	Latent Cardiogenic Potential in Endocardium and Hemogenic Endothelium Revealed in the Absence of Scl/tal1. Blood, 2011, 118, 2362-2362.	0.6	1
43	Cellular Histone Modification Patterns Predict Prognosis and Treatment Response in Resectable Pancreatic Adenocarcinoma: Results From RTOG 9704. Journal of Clinical Oncology, 2010, 28, 1358-1365.	0.8	202
44	Viral manipulation of the host epigenome for oncogenic transformation. Nature Reviews Genetics, 2009, 10, 290-294.	7.7	47
45	Global Levels of Histone Modifications Predict Prognosis in Different Cancers. American Journal of Pathology, 2009, 174, 1619-1628.	1.9	448
46	Mef2C is a lineage-restricted target of Scl/Tal1 and regulates megakaryopoiesis and B-cell homeostasis. Blood, 2009, 113, 3461-3471.	0.6	51
47	Specific Lysine Sites in Histone H3 Contribute To Spurious Transcription. FASEB Journal, 2009, 23, 705.3.	0.2	0
48	Specification and Maintenance of the Scl Induced Hematopoietic Stem Cell Fate.. Blood, 2009, 114, 1504-1504.	0.6	0
49	Adenovirus Small e1a Alters Global Patterns of Histone Modification. Science, 2008, 321, 1084-1085.	6.0	191
50	Regulators of Cellular Levels of Histone Acetylation in Saccharomyces cerevisiae. Genetics, 2008, 179, 277-289.	1.2	34
51	Epigenetic Reprogramming by Adenovirus e1a. Science, 2008, 321, 1086-1088.	6.0	207
52	Histone Modifications in Cancer Biology and Prognosis. , 2008, , 359-379.		0
53	Mef2C Is a Lineage-Restricted Target Gene of Scl/Tal1 and Regulates Megakaryopoiesis and B-Cell Homeostasis. Blood, 2008, 112, 278-278.	0.6	0
54	Modeling the regulatory network of histone acetylation in Saccharomyces cerevisiae. Molecular Systems Biology, 2007, 3, 153.	3.2	32

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55	Histone modifications as markers of cancer prognosis: a cellular view. British Journal of Cancer, 2007, 97, 1-5.	2.9	138
56	Identification of regulators of global histone acetylation in yeast Saccharomyces cerevisiae. FASEB Journal, 2007, 21, A291.	0.2	0
57	Global histone modification patterns predict risk of prostate cancer recurrence. Nature, 2005, 435, 1262-1266.	13.7	991
58	Cotranscriptional Set2 Methylation of Histone H3 Lysine 36 Recruits a Repressive Rpd3 Complex. Cell, 2005, 123, 593-605.	13.5	712
59	Function of Drg1/Rit42 in p53-dependent Mitotic Spindle Checkpoint. Journal of Biological Chemistry, 2004, 279, 38597-38602.	1.6	54
60	Mapping Global Histone Acetylation Patterns to Gene Expression. Cell, 2004, 117, 721-733.	13.5	561
61	Acetylation of Yeast Histone H4 Lysine 16: A Switch for Protein Interactions in Heterochromatin and Euchromatin. Cold Spring Harbor Symposia on Quantitative Biology, 2004, 69, 193-200.	2.0	39
62	Histone acetylation and deacetylation in yeast. Nature Reviews Molecular Cell Biology, 2003, 4, 276-284.	16.1	620
63	Analysis of Genome-Wide Histone Acetylation State and Enzyme Binding Using DNA Microarrays. Methods in Enzymology, 2003, 376, 289-304.	0.4	23
64	In vivo proteinâ€“protein and proteinâ€“DNA crosslinking for genomewide binding microarray. Methods, 2003, 31, 90-95.	1.9	121
65	Requirement of Hos2 Histone Deacetylase for Gene Activity in Yeast. Science, 2002, 298, 1412-1414.	6.0	245
66	Microarray Deacetylation Maps Determine Genome-Wide Functions for Yeast Histone Deacetylases. Cell, 2002, 109, 437-446.	13.5	422
67	Genome-wide binding map of the histone deacetylase Rpd3 in yeast. Nature Genetics, 2002, 31, 248-254.	9.4	255
68	Altered Regulation of Cyclin G in Human Breast Cancer and Its Specific Localization at Replication Foci in Response to DNA Damage in p53+/+ Cells. Journal of Biological Chemistry, 1999, 274, 11022-11029.	1.6	77
69	Stepwise Shell Closures Provide Hosts That Expose or Protect Guests from Outer-Phase Reactants. Journal of the American Chemical Society, 1995, 117, 1659-1660.	6.6	45
70	Comparisons of activation energies for dimethyl sulfoxide rotations in the inner phase of seven carcerands. Journal of the Chemical Society Chemical Communications, 1995, , 1259.	2.0	13