

Siavash K Kurdistani

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

8,186
citations

94433

37
h-index

133252

59
g-index

76
all docs

76
docs citations

76
times ranked

11396
citing authors

#	ARTICLE	IF	CITATIONS
1	Global histone modification patterns predict risk of prostate cancer recurrence. <i>Nature</i> , 2005, 435, 1262-1266.	27.8	991
2	Cotranscriptional Set2 Methylation of Histone H3 Lysine 36 Recruits a Repressive Rpd3 Complex. <i>Cell</i> , 2005, 123, 593-605.	28.9	712
3	Histone acetylation and deacetylation in yeast. <i>Nature Reviews Molecular Cell Biology</i> , 2003, 4, 276-284.	37.0	620
4	Mapping Global Histone Acetylation Patterns to Gene Expression. <i>Cell</i> , 2004, 117, 721-733.	28.9	561
5	Global Levels of Histone Modifications Predict Prognosis in Different Cancers. <i>American Journal of Pathology</i> , 2009, 174, 1619-1628.	3.8	448
6	Microarray Deacetylation Maps Determine Genome-Wide Functions for Yeast Histone Deacetylases. <i>Cell</i> , 2002, 109, 437-446.	28.9	422
7	Genome-wide binding map of the histone deacetylase Rpd3 in yeast. <i>Nature Genetics</i> , 2002, 31, 248-254.	21.4	255
8	Requirement of Hos2 Histone Deacetylase for Gene Activity in Yeast. <i>Science</i> , 2002, 298, 1412-1414.	12.6	245
9	Reprogramming normal human epithelial tissues to a common, lethal neuroendocrine cancer lineage. <i>Science</i> , 2018, 362, 91-95.	12.6	217
10	Histone Acetylation Regulates Intracellular pH. <i>Molecular Cell</i> , 2013, 49, 310-321.	9.7	210
11	Adenovirus E4ORF1-Induced MYC Activation Promotes Host Cell Anabolic Glucose Metabolism and Virus Replication. <i>Cell Metabolism</i> , 2014, 19, 694-701.	16.2	209
12	Epigenetic Reprogramming by Adenovirus e1a. <i>Science</i> , 2008, 321, 1086-1088.	12.6	207
13	Cellular Histone Modification Patterns Predict Prognosis and Treatment Response in Resectable Pancreatic Adenocarcinoma: Results From RTOG 9704. <i>Journal of Clinical Oncology</i> , 2010, 28, 1358-1365.	1.6	202
14	Adenovirus Small e1a Alters Global Patterns of Histone Modification. <i>Science</i> , 2008, 321, 1084-1085.	12.6	191
15	MCT1 Modulates Cancer Cell Pyruvate Export and Growth of Tumors that Co-express MCT1 and MCT4. <i>Cell Reports</i> , 2016, 14, 1590-1601.	6.4	174
16	Exploitation of EP300 and CREBBP Lysine Acetyltransferases by Cancer. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a026534.	6.2	164
17	Sc1 Represses Cardiomyogenesis in Prospective Hemogenic Endothelium and Endocardium. <i>Cell</i> , 2012, 150, 590-605.	28.9	142
18	Histone modifications as markers of cancer prognosis: a cellular view. <i>British Journal of Cancer</i> , 2007, 97, 1-5.	6.4	138

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19	EGFR Mutation-Induced Alternative Splicing of Max Contributes to Growth of Glycolytic Tumors in Brain Cancer. <i>Cell Metabolism</i> , 2013, 17, 1000-1008.	16.2	130
20	In vivo protein-protein and protein-DNA crosslinking for genomewide binding microarray. <i>Methods</i> , 2003, 31, 90-95.	3.8	121
21	EP400 Deposits H3.3 into Promoters and Enhancers during Gene Activation. <i>Molecular Cell</i> , 2016, 61, 27-38.	9.7	94
22	MLL3 governs human haematopoietic stem-cell self-renewal and engraftment. <i>Nature</i> , 2019, 576, 281-286.	27.8	94
23	Adenovirus Small E1A Employs the Lysine Acetylases p300/CBP and Tumor Suppressor Rb to Repress Select Host Genes and Promote Productive Virus Infection. <i>Cell Host and Microbe</i> , 2014, 16, 663-676.	11.0	88
24	CTIP2 is a negative regulator of P-TEFb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12655-12660.	7.1	86
25	Promoter-Enhancer Communication Occurs Primarily within Insulated Neighborhoods. <i>Molecular Cell</i> , 2019, 73, 250-263.e5.	9.7	81
26	Altered Regulation of Cyclin G in Human Breast Cancer and Its Specific Localization at Replication Foci in Response to DNA Damage in p53+/+ Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 11022-11029.	3.4	77
27	Histone Modifications in Cancer Biology and Prognosis. , 2011, 67, 91-106.		77
28	Stimulation of Histone Deacetylase Activity by Metabolites of Intermediary Metabolism. <i>Journal of Biological Chemistry</i> , 2012, 287, 32006-32016.	3.4	72
29	Dynamic Distribution of Linker Histone H1.5 in Cellular Differentiation. <i>PLoS Genetics</i> , 2012, 8, e1002879.	3.5	70
30	Polycomb Repressive Complex 1 (PRC1) Disassembles RNA Polymerase II Preinitiation Complexes. <i>Journal of Biological Chemistry</i> , 2012, 287, 35784-35794.	3.4	66
31	Scl binds to primed enhancers in mesoderm to regulate hematopoietic and cardiac fate divergence. <i>EMBO Journal</i> , 2015, 34, 759-777.	7.8	64
32	Reorganization of the host epigenome by a viral oncogene. <i>Genome Research</i> , 2012, 22, 1212-1221.	5.5	61
33	The histone H3-H4 tetramer is a copper reductase enzyme. <i>Science</i> , 2020, 369, 59-64.	12.6	60
34	The Rpd3 Core Complex Is a Chromatin Stabilization Module. <i>Current Biology</i> , 2012, 22, 56-63.	3.9	57
35	Function of Drg1/Rit42 in p53-dependent Mitotic Spindle Checkpoint. <i>Journal of Biological Chemistry</i> , 2004, 279, 38597-38602.	3.4	54
36	Mef2C is a lineage-restricted target of Scl/Tal1 and regulates megakaryopoiesis and B-cell homeostasis. <i>Blood</i> , 2009, 113, 3461-3471.	1.4	51

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37	Viral manipulation of the host epigenome for oncogenic transformation. <i>Nature Reviews Genetics</i> , 2009, 10, 290-294.	16.3	47
38	Stepwise Shell Closures Provide Hosts That Expose or Protect Guests from Outer-Phase Reactants. <i>Journal of the American Chemical Society</i> , 1995, 117, 1659-1660.	13.7	45
39	Mot1, Ino80C, and NC2 Function Coordinately to Regulate Pervasive Transcription in Yeast and Mammals. <i>Molecular Cell</i> , 2017, 67, 594-607.e4.	9.7	42
40	Genome-Wide Binding Map of the HIV-1 Tat Protein to the Human Genome. <i>PLoS ONE</i> , 2011, 6, e26894.	2.5	40
41	Endoplasmic reticulum-mitochondria junction is required for iron homeostasis. <i>Journal of Biological Chemistry</i> , 2017, 292, 13197-13204.	3.4	40
42	Acetylation of Yeast Histone H4 Lysine 16: A Switch for Protein Interactions in Heterochromatin and Euchromatin. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2004, 69, 193-200.	1.1	39
43	The Ino80 complex prevents invasion of euchromatin into silent chromatin. <i>Genes and Development</i> , 2015, 29, 350-355.	5.9	38
44	Chromatin: a capacitor of acetate for integrated regulation of gene expression and cell physiology. <i>Current Opinion in Genetics and Development</i> , 2014, 26, 53-58.	3.3	36
45	Regulators of Cellular Levels of Histone Acetylation in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2008, 179, 277-289.	2.9	34
46	Cbx3 maintains lineage specificity during neural differentiation. <i>Genes and Development</i> , 2017, 31, 241-246.	5.9	34
47	Modeling the regulatory network of histone acetylation in <i>Saccharomyces cerevisiae</i> . <i>Molecular Systems Biology</i> , 2007, 3, 153.	7.2	32
48	Reciprocal Regulation of the Cardiac Epigenome by Chromatin Structural Proteins Hmgb and Ctcf. <i>Journal of Biological Chemistry</i> , 2016, 291, 15428-15446.	3.4	30
49	Mediator and SAGA Have Distinct Roles in Pol II Preinitiation Complex Assembly and Function. <i>Cell Reports</i> , 2012, 2, 1061-1067.	6.4	28
50	Histone deacetylase inhibitors provoke a tumor supportive phenotype in pancreatic cancer associated fibroblasts. <i>Oncotarget</i> , 2017, 8, 19074-19088.	1.8	28
51	MEF2C protects bone marrow B-lymphoid progenitors during stress haematopoiesis. <i>Nature Communications</i> , 2016, 7, 12376.	12.8	24
52	Analysis of Genome-Wide Histone Acetylation State and Enzyme Binding Using DNA Microarrays. <i>Methods in Enzymology</i> , 2003, 376, 289-304.	1.0	23
53	A unique epigenetic signature is associated with active DNA replication loci in human embryonic stem cells. <i>Epigenetics</i> , 2014, 9, 257-267.	2.7	23
54	Histone Deacetylase Inhibitor Sensitizes Apoptosis-Resistant Melanomas to Cytotoxic Human T Lymphocytes through Regulation of TRAIL/DR5 Pathway. <i>Journal of Immunology</i> , 2014, 192, 3981-3989.	0.8	21

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55	Evolution of histone 2A for chromatin compaction in eukaryotes. <i>ELife</i> , 2014, 3, .	6.0	19
56	EvoChromo: towards a synthesis of chromatin biology and evolution. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	16
57	Comparisons of activation energies for dimethyl sulfoxide rotations in the inner phase of seven carcerands. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1259.	2.0	13
58	Enhancer dysfunction: how the main regulators of gene expression contribute to cancer. <i>Genome Biology</i> , 2012, 13, 156.	9.6	8
59	A pathogenic role for histone H3 copper reductase activity in a yeast model of Friedreich's ataxia. <i>Science Advances</i> , 2021, 7, eabj9889.	10.3	6
60	Chromatin as a metabolic organelle: Integrating the cellular flow of carbon with gene expression. <i>Molecular Cell</i> , 2022, 82, 8-9.	9.7	3
61	Histone Modification. , 2017, , 2085-2088.		1
62	Latent Cardiogenic Potential in Endocardium and Hemogenic Endothelium Revealed in the Absence of Scl/tal1. <i>Blood</i> , 2011, 118, 2362-2362.	1.4	1
63	Identification of regulators of global histone acetylation in yeast <i>Saccharomyces cerevisiae</i> . <i>FASEB Journal</i> , 2007, 21, A291.	0.5	0
64	Histone Modifications in Cancer Biology and Prognosis. , 2008, , 359-379.		0
65	Mef2C Is a Lineage-Restricted Target Gene of Scl/Tal1 and Regulates Megakaryopoiesis and B-Cell Homeostasis. <i>Blood</i> , 2008, 112, 278-278.	1.4	0
66	Specific Lysine Sites in Histone H3 Contribute To Spurious Transcription. <i>FASEB Journal</i> , 2009, 23, 705.3.	0.5	0
67	Specification and Maintenance of the Scl Induced Hematopoietic Stem Cell Fate.. <i>Blood</i> , 2009, 114, 1504-1504.	1.4	0
68	Histone Modification. , 2011, , 1703-1705.		0
69	Pharmacologic Doses of Amiloride Preferentially Induce Apoptosis and Growth Inhibition of Flt3-ITD Mutation Positive Acute Myeloid Leukemia Cell Lines. <i>Blood</i> , 2011, 118, 5004-5004.	1.4	0
70	Scl/Tal1 Directly Activates Hematopoiesis and Represses Cardiogenesis During Mesodermal Diversification. <i>Blood</i> , 2012, 120, 3446-3446.	1.4	0