Xiang-Jiao Yang

List of Publications by Year
in descending order

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91 papers	14,208 citations	43973 48 h-index	42291 92 g-index
98 all docs	98 docs citations	98 times ranked	15555 citing authors

#	Article	IF	Citations
1	Missense substitutions at a conserved 14-3-3 binding site in HDAC4 cause a novel intellectual disability syndrome. Human Genetics and Genomics Advances, 2021, 2, 100015.	1.0	6
2	Haploinsufficiency of the Sin3/HDAC corepressor complex member SIN3B causes a syndromic intellectual disability/autism spectrum disorder. American Journal of Human Genetics, 2021, 108, 929-941.	2.6	15
3	De Novo KAT5 Variants Cause a Syndrome with Recognizable Facial Dysmorphisms, Cerebellar Atrophy, Sleep Disturbance, and Epilepsy. American Journal of Human Genetics, 2020, 107, 564-574.	2.6	14
4	Further delineation of the clinical spectrum of KAT6B disorders and allelic series of pathogenic variants. Genetics in Medicine, 2020, 22, 1338-1347.	1.1	25
5	Deficient histone H3 propionylation by BRPF1-KAT6 complexes in neurodevelopmental disorders and cancer. Science Advances, 2020, 6, eaax0021.	4.7	56
6	Lysine acetyltransferase 8 is involved in cerebral development and syndromic intellectual disability. Journal of Clinical Investigation, 2020, 130, 1431-1445.	3.9	40
7	Histone Deacetylase 3 Governs Perinatal Cerebral Development via Neural Stem and Progenitor Cells. IScience, 2019, 20, 148-167.	1.9	17
8	ATAT1 regulates forebrain development and stress-induced tubulin hyperacetylation. Cellular and Molecular Life Sciences, 2019, 76, 3621-3640.	2.4	20
9	Missense Variants in the Histone Acetyltransferase Complex Component Gene TRRAP Cause Autism and Syndromic Intellectual Disability. American Journal of Human Genetics, 2019, 104, 530-541.	2.6	30
10	Revealing the protein propionylation activity of the histone acetyltransferase MOF (males absent on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	50
11	TIE: A Method to Electroporate Long DNA Templates into Preimplantation Embryos for CRISPR-Cas9 Gene Editing. CRISPR Journal, 2018, 1, 223-229.	1.4	5
12	Assays for Acetylation and Other Acylations of Lysine Residues. Current Protocols in Protein Science, 2017, 87, 14.11.1-14.11.18.	2.8	5
13	Mutations in the Chromatin Regulator Gene BRPF1 Cause Syndromic Intellectual Disability and Deficient Histone Acetylation. American Journal of Human Genetics, 2017, 100, 91-104.	2.6	72
14	Competitive Inhibition of Lysine Acetyltransferase 2B by a Small Motif of the Adenoviral Oncoprotein E1A. Journal of Biological Chemistry, 2016, 291, 14363-14372.	1.6	5
15	<scp>BRPF</scp> 3â€•<scp>HBO</scp> 1 regulates replication origin activation and histone H3K14 acetylation. EMBO Journal, 2016, 35, 176-192.	3.5	97
16	The Chromatin Regulator BRPF3 Preferentially Activates the HBO1 Acetyltransferase but Is Dispensable for Mouse Development and Survival. Journal of Biological Chemistry, 2016, 291, 2647-2663.	1.6	27
17	De Novo Mutations in CHD4 , an ATP-Dependent Chromatin Remodeler Gene, Cause an Intellectual Disability Syndrome with Distinctive Dysmorphisms. American Journal of Human Genetics, 2016, 99, 934-941.	2.6	111
18	Control of embryonic stem cell self-renewal and differentiation via coordinated alternative splicing and translation of YY2. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12360-12367.	3.3	54

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19	Molecular and Functional Characterization of Histone Deacetylase 4 (HDAC4). Methods in Molecular Biology, 2016, 1436, 31-45.	0.4	10
20	BRPF1 is essential for development of fetal hematopoietic stem cells. Journal of Clinical Investigation, 2016, 126, 3247-3262.	3.9	32
21	Ankyrin Repeats of ANKRA2 Recognize a PxLPxL Motif on the 3M Syndrome Protein CCDC8. Structure, 2015, 23, 700-712.	1.6	17
22	Tubulin acetylation: responsible enzymes, biological functions and human diseases. Cellular and Molecular Life Sciences, 2015, 72, 4237-4255.	2.4	196
23	The Lysine Acetyltransferase Activator Brpf1 Governs Dentate Gyrus Development through Neural Stem Cells and Progenitors. PLoS Genetics, 2015, 11, e1005034.	1.5	43
24	MOZ and MORF acetyltransferases: Molecular interaction, animal development and human disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1818-1826.	1.9	96
25	Deficiency of the Chromatin Regulator Brpf1 Causes Abnormal Brain Development. Journal of Biological Chemistry, 2015, 290, 7114-7129.	1.6	52
26	The Chromatin Regulator Brpf1 Regulates Embryo Development and Cell Proliferation. Journal of Biological Chemistry, 2015, 290, 11349-11364.	1.6	40
27	Expression atlas of the multivalent epigenetic regulator Brpf1 and its requirement for survival of mouse embryos. Epigenetics, 2014, 9, 860-872.	1.3	26
28	The SUMO Conjugating Enzyme Ubc9 Is Required for Inducing and Maintaining Stem Cell Pluripotency. Stem Cells, 2014, 32, 1012-1020.	1.4	28
29	Crosstalk between epigenetic readers regulates the MOZ/MORF HAT complexes. Epigenetics, 2014, 9, 186-193.	1.3	64
30	Multifaceted Regulation of Somatic Cell Reprogramming by mRNA Translational Control. Cell Stem Cell, 2014, 14, 606-616.	5.2	39
31	Parathyroid Hormone Administration Improves Bone Marrow Microenvironment and Partially Rescues Haematopoietic Defects in Bmi1-Null Mice. PLoS ONE, 2014, 9, e93864.	1.1	15
32	Dephosphorylation at a Conserved SP Motif Governs cAMP Sensitivity and Nuclear Localization of Class IIa Histone Deacetylases*. Journal of Biological Chemistry, 2013, 288, 5591-5605.	1.6	28
33	Sumoylation in gene regulation, human disease, and therapeutic action. F1000prime Reports, 2013, 5, 45.	5.9	46
34	Exchange of associated factors directs a switch in HBO1 acetyltransferase histone tail specificity. Genes and Development, 2013, 27, 2009-2024.	2.7	148
35	Sumoylation of KrÃ¼ppel-like Factor 4 Inhibits Pluripotency Induction but Promotes Adipocyte Differentiation. Journal of Biological Chemistry, 2013, 288, 12791-12804.	1.6	39
36	Mice Lacking Î±-Tubulin Acetyltransferase 1 Are Viable but Display Î±-Tubulin Acetylation Deficiency and Dentate Gyrus Distortion. Journal of Biological Chemistry, 2013, 288, 20334-20350.	1.6	114

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37	The Tumor Suppressor Kinase LKB1 Activates the Downstream Kinases SIK2 and SIK3 to Stimulate Nuclear Export of Class IIa Histone Deacetylases. Journal of Biological Chemistry, 2013, 288, 9345-9362.	1.6	83
38	Histone acetyltransferases and deacetylases: molecular and clinical implications to gastrointestinal carcinogenesis. Acta Biochimica Et Biophysica Sinica, 2012, 44, 80-91.	0.9	27
39	Conserved Molecular Interactions within the HBO1 Acetyltransferase Complexes Regulate Cell Proliferation. Molecular and Cellular Biology, 2012, 32, 689-703.	1.1	82
40	Lysine acetylation: enzymes, bromodomains and links to different diseases. Essays in Biochemistry, 2012, 52, 1-12.	2.1	34
41	Tandem PHD Fingers of MORF/MOZ Acetyltransferases Display Selectivity for Acetylated Histone H3 and Are Required for the Association with Chromatin. Journal of Molecular Biology, 2012, 424, 328-338.	2.0	75
42	Sequence-Specific Recognition of a PxLPxI/L Motif by an Ankyrin Repeat Tumbler Lock. Science Signaling, 2012, 5, ra39.	1.6	42
43	Mutations in KAT6B, Encoding a Histone Acetyltransferase, Cause Genitopatellar Syndrome. American Journal of Human Genetics, 2012, 90, 282-289.	2.6	112
44	Reconstitution of Active and Stoichiometric Multisubunit Lysine Acetyltransferase Complexes in Insect Cells. Methods in Molecular Biology, 2012, 809, 445-464.	0.4	3
45	Comprehensive lysine acetylomes emerging from bacteria to humans. Trends in Biochemical Sciences, 2011, 36, 211-220.	3.7	153
46	K-Acetylation and Its Enzymes: Overview and New Developments. Handbook of Experimental Pharmacology, 2011, 206, 1-12.	0.9	26
47	Covalent Protein Modification as a Mechanism for Dynamic Recruitment of Specific Interactors. , 2011, , 259-279.		0
48	Regulation of Histone Deacetylase Activities and Functions by Phosphorylation and Dephosphorylation. , 2010, , 2379-2388.		4
49	Dietary, Metabolic, and Potentially Environmental Modulation of the Lysine Acetylation Machinery. International Journal of Cell Biology, 2010, 2010, 1-14.	1.0	24
50	A Histone Deacetylase 4/Myogenin Positive Feedback Loop Coordinates Denervation-dependent Gene Induction and Suppression. Molecular Biology of the Cell, 2009, 20, 1120-1131.	0.9	114
51	HBO1 HAT Complexes Target Chromatin throughout Gene Coding Regions via Multiple PHD Finger Interactions with Histone H3 Tail. Molecular Cell, 2009, 33, 257-265.	4.5	163
52	YAP, TAZ, and Yorkie: a conserved family of signal-responsive transcriptional coregulators in animal development and human diseaseThis paper is one of a selection of papers published in this Special Issue, entitled CSBMCBâ€™s 51st Annual Meeting â€“ Epigenetics and Chromatin Dynamics, and has undergone the Journalâ€™s usual peer review process.. Biochemistry and Cell Biology, 2009, 87, 77-91.	0.9	166
53	Histone deacetylases as transducers and targets of nuclear signaling. Journal of Cellular Biochemistry, 2008, 104, 1541-1552.	1.2	42
54	The Rpd3/Hda1 family of lysine deacetylases: from bacteria and yeast to mice and men. Nature Reviews Molecular Cell Biology, 2008, 9, 206-218.	16.1	1,092

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55	Analysis of Protein Lysine Acetylation In Vitro and In Vivo. Current Protocols in Protein Science, 2008, 54, Unit 14.11.	2.8	2
56	Lysine Acetylation: Codified Crosstalk with Other Posttranslational Modifications. Molecular Cell, 2008, 31, 449-461.	4.5	877
57	Pharmacological inhibition of histone deacetylases for the treatment of cancer, neurodegenerative disorders and inflammatory diseases. Expert Opinion on Drug Discovery, 2008, 3, 1041-1065.	2.5	10
58	Molecular Architecture of Quartet MOZ/MORF Histone Acetyltransferase Complexes. Molecular and Cellular Biology, 2008, 28, 6828-6843.	1.1	188
59	Phosphorylation-Dependent Sumoylation Regulates Estrogen-Related Receptor-Î± and -Î³ Transcriptional Activity through a Synergy Control Motif. Molecular Endocrinology, 2008, 22, 570-584.	3.7	92
60	Dephosphorylation and Caspase Processing Generate Distinct Nuclear Pools of Histone Deacetylase 4. Molecular and Cellular Biology, 2007, 27, 6718-6732.	1.1	35
61	Histone Deacetylase 3 Interacts with and Deacetylates Myocyte Enhancer Factor 2. Molecular and Cellular Biology, 2007, 27, 1280-1295.	1.1	185
62	HDAC6 Modulates Cell Motility by Altering the Acetylation Level of Cortactin. Molecular Cell, 2007, 27, 197-213.	4.5	626
63	Metabolism, cytoskeleton and cellular signalling in the grip of protein N Ïµ â€•and Oâ€acetylation. EMBO Reports, 2007, 8, 556-562.	2.0	44
64	ING Tumor Suppressor Proteins Are Critical Regulators of Chromatin Acetylation Required for Genome Expression and Perpetuation. Molecular Cell, 2006, 21, 51-64.	4.5	589
65	Substrate and Functional Diversity of Lysine Acetylation Revealed by a Proteomics Survey. Molecular Cell, 2006, 23, 607-618.	4.5	1,372
66	A Recurrent Phospho-Sumoyl Switch in Transcriptional Repression and Beyond. Molecular Cell, 2006, 23, 779-786.	4.5	105
67	Control of MEF2 Transcriptional Activity by Coordinated Phosphorylation and Sumoylation. Journal of Biological Chemistry, 2006, 281, 4423-4433.	1.6	150
68	Multisite protein modification and intramolecular signaling. Oncogene, 2005, 24, 1653-1662.	2.6	245
69	Association with Class IIa Histone Deacetylases Upregulates the Sumoylation of MEF2 Transcription Factors. Molecular and Cellular Biology, 2005, 25, 2273-2287.	1.1	194
70	Identification of the Ankyrin Repeat Proteins ANKRA and RFXANK as Novel Partners of Class IIa Histone Deacetylases. Journal of Biological Chemistry, 2005, 280, 29117-29127.	1.6	33
71	Class II Histone Deacetylases: from Sequence to Function, Regulation, and Clinical Implication. Molecular and Cellular Biology, 2005, 25, 2873-2884.	1.1	380
72	Akt binds prohibitin 2 and relieves its repression of MyoD and muscle differentiation. Journal of Cell Science, 2004, 117, 3021-3029.	1.2	100

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73	The diverse superfamily of lysine acetyltransferases and their roles in leukemia and other diseases. Nucleic Acids Research, 2004, 32, 959-976.	6.5	442
74	Caspase-mediated Specific Cleavage of Human Histone Deacetylase 4. Journal of Biological Chemistry, 2004, 279, 34537-34546.	1.6	71
75	Role of the Tetradecapeptide Repeat Domain of Human Histone Deacetylase 6 in Cytoplasmic Retention. Journal of Biological Chemistry, 2004, 279, 48246-48254.	1.6	127
76	Lysine acetylation and the bromodomain: a new partnership for signaling. BioEssays, 2004, 26, 1076-1087.	1.2	349
77	Collaborative spirit of histone deacetylases in regulating chromatin structure and gene expression. Current Opinion in Genetics and Development, 2003, 13, 143-153.	1.5	209
78	Expression, purification, and analysis of MOZ and MORF histone acetyltransferases. Methods, 2003, 31, 24-32.	1.9	18
79	Ligand-Dependent Nuclear Receptor Corepressor LCoR Functions by Histone Deacetylase-Dependent and -Independent Mechanisms. Molecular Cell, 2003, 11, 139-150.	4.5	246
80	Functional Characterization of an Amino-terminal Region of HDAC4 That Possesses MEF2 Binding and Transcriptional Repressive Activity. Journal of Biological Chemistry, 2003, 278, 23515-23521.	1.6	65
81	Identification of HDAC10, a novel class II human histone deacetylase containing a leucine-rich domain. Nucleic Acids Research, 2002, 30, 1114-1123.	6.5	139
82	MOZ and MORF histone acetyltransferases interact with the Runt-domain transcription factor Runx2. Oncogene, 2002, 21, 2729-2740.	2.6	148
83	Class II histone deacetylases: Structure, function, and regulation. Biochemistry and Cell Biology, 2001, 79, 243-252.	0.9	241
84	The monocytic leukemia zinc finger protein MOZ is a histone acetyltransferase. Oncogene, 2001, 20, 404-409.	2.6	123
85	Histone Deacetylase 4 Possesses Intrinsic Nuclear Import and Export Signals. Molecular and Cellular Biology, 2001, 21, 5992-6005.	1.1	158
86	Regulation of Histone Deacetylase 4 by Binding of 14-3-3 Proteins. Molecular and Cellular Biology, 2000, 20, 6904-6912.	1.1	254
87	Identification of a Human Histone Acetyltransferase Related to Monocytic Leukemia Zinc Finger Protein. Journal of Biological Chemistry, 1999, 274, 28528-28536.	1.6	140
88	HDAC4, a Human Histone Deacetylase Related to Yeast HDA1, Is a Transcriptional Corepressor. Molecular and Cellular Biology, 1999, 19, 7816-7827.	1.1	281
89	Acetylation of general transcription factors by histone acetyltransferases. Current Biology, 1997, 7, 689-692.	1.8	578
90	A p300/CBP-associated factor that competes with the adenoviral oncoprotein E1A. Nature, 1996, 382, 319-324.	13.7	1,442

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91	PCAF lysine acetyltransferase. The AFCS-nature Molecule Pages, 0, , .	0.2	0