

Guoliang Xu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,160
citations

394421

19
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

6926
citing authors

#	ARTICLE	IF	CITATIONS
1	hDOT1L Links Histone Methylation to Leukemogenesis. <i>Cell</i> , 2005, 121, 167-178.	28.9	737
2	The lysine demethylase LSD1 (KDM1) is required for maintenance of global DNA methylation. <i>Nature Genetics</i> , 2009, 41, 125-129.	21.4	721
3	Genome-wide Regulation of 5hmC, 5mC, and Gene Expression by Tet1 Hydroxylase in Mouse Embryonic Stem Cells. <i>Molecular Cell</i> , 2011, 42, 451-464.	9.7	551
4	KDM1B is a histone H3K4 demethylase required to establish maternal genomic imprints. <i>Nature</i> , 2009, 461, 415-418.	27.8	465
5	In Vivo Control of CpG and Non-CpG DNA Methylation by DNA Methyltransferases. <i>PLoS Genetics</i> , 2012, 8, e1002750.	3.5	337
6	Mechanism of Stimulation of Catalytic Activity of Dnmt3A and Dnmt3B DNA-(cytosine-C5)-methyltransferases by Dnmt3L. <i>Journal of Biological Chemistry</i> , 2005, 280, 13341-13348.	3.4	250
7	Tet3 CXXC Domain and Dioxygenase Activity Cooperatively Regulate Key Genes for Xenopus Eye and Neural Development. <i>Cell</i> , 2012, 151, 1200-1213.	28.9	227
8	Atp6v0d2 Is an Essential Component of the Osteoclast-Specific Proton Pump That Mediates Extracellular Acidification in Bone Resorption. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 871-885.	2.8	118
9	Identification and Characterization of Propionylation at Histone H3 Lysine 23 in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 32288-32295.	3.4	111
10	Polycomb protein Cbx4 promotes SUMO modification of de novo DNA methyltransferase Dnmt3a. <i>Biochemical Journal</i> , 2007, 405, 369-378.	3.7	86
11	Different Transcription Factors Regulate nestin Gene Expression during P19 Cell Neural Differentiation and Central Nervous System Development. <i>Journal of Biological Chemistry</i> , 2009, 284, 8160-8173.	3.4	85
12	Epigenetic regulator CXXC5 recruits DNA demethylase Tet2 to regulate TLR7/9-elicited IFN response in pDCs. <i>Journal of Experimental Medicine</i> , 2017, 214, 1471-1491.	8.5	81
13	Atp6v1c1 is an essential component of the osteoclast proton pump and in F-actin ring formation in osteoclasts. <i>Biochemical Journal</i> , 2009, 417, 195-203.	3.7	79
14	Tet Enzymes Regulate Telomere Maintenance and Chromosomal Stability of Mouse ESCs. <i>Cell Reports</i> , 2016, 15, 1809-1821.	6.4	67
15	A Modified "Cross-talk" between Histone H2B Lys-120 Ubiquitination and H3 Lys-79 Methylation. <i>Journal of Biological Chemistry</i> , 2010, 285, 21868-21876.	3.4	57
16	TET3 Inhibits Type I IFN Production Independent of DNA Demethylation. <i>Cell Reports</i> , 2016, 16, 1096-1105.	6.4	40
17	The 5-Hydroxymethylcytosine (5hmC) Reader UHRF2 Is Required for Normal Levels of 5hmC in Mouse Adult Brain and Spatial Learning and Memory. <i>Journal of Biological Chemistry</i> , 2017, 292, 4533-4543.	3.4	39
18	CRISPR-Cas9-mediated genome editing in one blastomere of two-cell embryos reveals a novel Tet3 function in regulating neocortical development. <i>Cell Research</i> , 2017, 27, 815-829.	12.0	35

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19	Gadd45a is a heterochromatin relaxer that enhances <sc>iPS</sc> cell generation. EMBO Reports, 2016, 17, 1641-1656.	4.5	28
20	AF9 promotes hESC neural differentiation through recruiting TET2 to neurodevelopmental gene loci for methylcytosine hydroxylation. Cell Discovery, 2015, 1, 15017.	6.7	20
21	Chromobox 4 facilitates tumorigenesis of lung adenocarcinoma through the Wnt/ β^2 -catenin pathway. Neoplasia, 2021, 23, 222-233.	5.3	15
22	Muscle regeneration controlled by a designated DNA dioxygenase. Cell Death and Disease, 2021, 12, 535.	6.3	11
23	Identification of the Leukemia-Specific Domains of the CALM/AF10 Fusion Gene, a Product of the Leukemia Associated T(10;11) Translocation.. Blood, 2008, 112, 1800-1800.	1.4	0