

Bo Wen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7369604/publications.pdf>

Version: 2024-02-01

48
papers

7,142
citations

186265

28
h-index

223800

46
g-index

51
all docs

51
docs citations

51
times ranked

10589
citing authors

#	ARTICLE	IF	CITATIONS
1	The human colon cancer methylome shows similar hypo- and hypermethylation at conserved tissue-specific CpG island shores. <i>Nature Genetics</i> , 2009, 41, 178-186.	21.4	1,977
2	Differential methylation of tissue- and cancer-specific CpG island shores distinguishes human induced pluripotent stem cells, embryonic stem cells and fibroblasts. <i>Nature Genetics</i> , 2009, 41, 1350-1353.	21.4	1,076
3	Increased methylation variation in epigenetic domains across cancer types. <i>Nature Genetics</i> , 2011, 43, 768-775.	21.4	968
4	Large histone H3 lysine 9 dimethylated chromatin blocks distinguish differentiated from embryonic stem cells. <i>Nature Genetics</i> , 2009, 41, 246-250.	21.4	540
5	Genetic evidence supports demic diffusion of Han culture. <i>Nature</i> , 2004, 431, 302-305.	27.8	398
6	Comprehensive high-throughput arrays for relative methylation (CHARM). <i>Genome Research</i> , 2008, 18, 780-790.	5.5	379
7	Y-Chromosome Evidence of Southern Origin of the East Asian "Specific Haplogroup O3-M122. <i>American Journal of Human Genetics</i> , 2005, 77, 408-419.	6.2	165
8	Analyses of Genetic Structure of Tibeto-Burman Populations Reveals Sex-Biased Admixture in Southern Tibeto-Burmans. <i>American Journal of Human Genetics</i> , 2004, 74, 856-865.	6.2	153
9	Genetic Structure of Hmong-Mien Speaking Populations in East Asia as Revealed by mtDNA Lineages. <i>Molecular Biology and Evolution</i> , 2005, 22, 725-734.	8.9	105
10	The Nuclear Matrix Protein SAFB Cooperates with Major Satellite RNAs to Stabilize Heterochromatin Architecture Partially through Phase Separation. <i>Molecular Cell</i> , 2020, 77, 368-383.e7.	9.7	104
11	Enhanced sensitivity to IGF-II signaling links loss of imprinting of <i>IGF2</i> to increased cell proliferation and tumor risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20926-20931.	7.1	97
12	Mitochondrial DNA diversity and population differentiation in southern East Asia. <i>American Journal of Physical Anthropology</i> , 2007, 134, 481-488.	2.1	96
13	Paternal genetic affinity between western Austronesians and Daic populations. <i>BMC Evolutionary Biology</i> , 2008, 8, 146.	3.2	92
14	The nuclear matrix protein HNRNPU maintains 3D genome architecture globally in mouse hepatocytes. <i>Genome Research</i> , 2018, 28, 192-202.	5.5	91
15	Phantom mutation hotspots in human mitochondrial DNA. <i>Electrophoresis</i> , 2005, 26, 3414-3429.	2.4	81
16	Human Migration through Bottlenecks from Southeast Asia into East Asia during Last Glacial Maximum Revealed by Y Chromosomes. <i>PLoS ONE</i> , 2011, 6, e24282.	2.5	75
17	Expression dynamics, relationships, and transcriptional regulations of diverse transcripts in mouse spermatogenic cells. <i>RNA Biology</i> , 2016, 13, 1011-1024.	3.1	72
18	The commonality of plasticity underlying multipotent tumor cells and embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 908-917.	2.6	59

#	ARTICLE	IF	CITATIONS
19	TET-catalyzed 5-methylcytosine hydroxylation is dynamically regulated by metabolites. <i>Cell Research</i> , 2014, 24, 1017-1020.	12.0	51
20	A spatial analysis of genetic structure of human populations in China reveals distinct difference between maternal and paternal lineages. <i>European Journal of Human Genetics</i> , 2008, 16, 705-717.	2.8	45
21	MacroH2A1 associates with nuclear lamina and maintains chromatin architecture in mouse liver cells. <i>Scientific Reports</i> , 2015, 5, 17186.	3.3	44
22	The Long Noncoding RNA Lncenc1 Maintains Naive States of Mouse ESCs by Promoting the Glycolysis Pathway. <i>Stem Cell Reports</i> , 2018, 11, 741-755.	4.8	41
23	Euchromatin islands in large heterochromatin domains are enriched for CTCF binding and differentially DNA-methylated regions. <i>BMC Genomics</i> , 2012, 13, 566.	2.8	40
24	Disruption of nuclear speckles reduces chromatin interactions in active compartments. <i>Epigenetics and Chromatin</i> , 2019, 12, 43.	3.9	40
25	Determination of local chromatin interactions using a combined CRISPR and peroxidase APEX2 system. <i>Nucleic Acids Research</i> , 2019, 47, e52-e52.	14.5	37
26	Suv39h1 Mediates AP-2 β -Dependent Inhibition of C/EBP β Expression during Adipogenesis. <i>Molecular and Cellular Biology</i> , 2014, 34, 2330-2338.	2.3	35
27	Reply to "Reassessing the abundance of H3K9me2 chromatin domains in embryonic stem cells". <i>Nature Genetics</i> , 2010, 42, 5-6.	21.4	32
28	Overlapping euchromatin/heterochromatin-associated marks are enriched in imprinted gene regions and predict allele-specific modification. <i>Genome Research</i> , 2008, 18, 1806-1813.	5.5	29
29	p300-Dependent Acetylation of Activating Transcription Factor 5 Enhances C/EBP β Transactivation of C/EBP β during 3T3-L1 Differentiation. <i>Molecular and Cellular Biology</i> , 2014, 34, 315-324.	2.3	28
30	Linkage disequilibrium sharing and haplotype-tagged SNP portability between populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1418-1421.	7.1	27
31	Panoramic transcriptome analysis and functional screening of long noncoding RNAs in mouse spermatogenesis. <i>Genome Research</i> , 2021, 31, 13-26.	5.5	23
32	Induction of EMT-like response by BMP4 via up-regulation of lysyl oxidase is required for adipocyte lineage commitment. <i>Stem Cell Research</i> , 2013, 10, 278-287.	0.7	22
33	The origin of Mosuo people as revealed by mtDNA and Y chromosome variation. <i>Science in China Series C: Life Sciences</i> , 2004, 47, 1.	1.3	19
34	RhoGDI β Inhibits Bone Morphogenetic Protein 4 (BMP4)-induced Adipocyte Lineage Commitment and Favors Smooth Muscle-like Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2015, 290, 11119-11129.	3.4	16
35	Reparative Dentin Formation by Dentin Matrix Proteins and Small Extracellular Vesicles. <i>Journal of Endodontics</i> , 2021, 47, 253-262.	3.1	15
36	Transcriptomic Analyses of the Adenoma-Carcinoma Sequence Identify Hallmarks Associated With the Onset of Colorectal Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 704531.	2.8	12

#	ARTICLE	IF	CITATIONS
37	Mitochondrial origin of the matrilineal Mosuo people in China. <i>Mitochondrial DNA</i> , 2012, 23, 13-19.	0.6	11
38	Enhanced photocathodic antifouling/antibacterial properties of polyaniline- Ag -N-doped TiO_2 coatings. <i>Journal of Materials Science</i> , 2020, 55, 16255-16272.	3.7	11
39	Long noncoding RNAs as Organizers of Nuclear Architecture. <i>Science China Life Sciences</i> , 2016, 59, 236-244.	4.9	8
40	TOPORS, a tumor suppressor protein, contributes to the maintenance of higher-order chromatin architecture. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194518.	1.9	8
41	Large chromatin domains in pluripotent and differentiated cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2012, 44, 48-53.	2.0	5
42	G9a/GLP-sensitivity of H3K9me2 Demarcates Two Types of Genomic Compartments. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 359-370.	6.9	4
43	Complete sequence data support lack of balancing selection on PRNP in a natural Chinese population. <i>Journal of Human Genetics</i> , 2006, 51, 451-454.	2.3	3
44	A long non-coding RNA specifically expressed in early embryos programs the metabolic balance in adult mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 165988.	3.8	3
45	The nuclear bodies formed by histone demethylase KDM7A. <i>Protein and Cell</i> , 2021, 12, 297-304.	11.0	3
46	Chronic stress reduces spermatogenic cell proliferation in rat testis. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 1921-1931.	0.5	1
47	Monitoring of mesh-pull P2P live media streaming system with random walk based sampling. , 2008, , .		0
48	Seismic Performance and Damage Assessment of Electrical Substation. , 2021, , .		0