

Xin Li

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,610
citations

430874

18
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

7822
citing authors

#	ARTICLE	IF	CITATIONS
1	Resequencing 50 accessions of cultivated and wild rice yields markers for identifying agronomically important genes. <i>Nature Biotechnology</i> , 2012, 30, 105-111.	17.5	818
2	A comparison of non-integrating reprogramming methods. <i>Nature Biotechnology</i> , 2015, 33, 58-63.	17.5	424
3	Epigenomic reprogramming during pancreatic cancer progression links anabolic glucose metabolism to distant metastasis. <i>Nature Genetics</i> , 2017, 49, 367-376.	21.4	365
4	Single base-resolution methylome of the silkworm reveals a sparse epigenomic map. <i>Nature Biotechnology</i> , 2010, 28, 516-520.	17.5	349
5	The DNA Methylome of Human Peripheral Blood Mononuclear Cells. <i>PLoS Biology</i> , 2010, 8, e1000533.	5.6	290
6	Single-base resolution maps of cultivated and wild rice methylomes and regulatory roles of DNA methylation in plant gene expression. <i>BMC Genomics</i> , 2012, 13, 300.	2.8	266
7	On the origin of new genes in <i>Drosophila</i> . <i>Genome Research</i> , 2008, 18, 1446-1455.	5.5	240
8	Age and sun exposure-related widespread genomic blocks of hypomethylation in nonmalignant skin. <i>Genome Biology</i> , 2015, 16, 80.	8.8	111
9	GeMes, Clusters of DNA Methylation under Genetic Control, Can Inform Genetic and Epigenetic Analysis of Disease. <i>American Journal of Human Genetics</i> , 2014, 94, 485-495.	6.2	93
10	Whole-genome analysis of the methylome and hydroxymethylome in normal and malignant lung and liver. <i>Genome Research</i> , 2016, 26, 1730-1741.	5.5	91
11	A Selective Phenelzine Analogue Inhibitor of Histone Demethylase LSD1. <i>ACS Chemical Biology</i> , 2014, 9, 1284-1293.	3.4	88
12	Repetitive Element-Mediated Recombination as a Mechanism for New Gene Origination in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2008, 4, e3.	3.5	80
13	Short Homologous Sequences Are Strongly Associated with the Generation of Chimeric RNAs in Eukaryotes. <i>Journal of Molecular Evolution</i> , 2009, 68, 56-65.	1.8	77
14	Genome and Comparative Transcriptomics of African Wild Rice <i>Oryza longistaminata</i> Provide Insights into Molecular Mechanism of Rhizomatousness and Self-Incompatibility. <i>Molecular Plant</i> , 2015, 8, 1683-1686.	8.3	49
15	Comparative methylomics between domesticated and wild silkworms implies possible epigenetic influences on silkworm domestication. <i>BMC Genomics</i> , 2013, 14, 646.	2.8	47
16	Analysis of elite variety tag SNPs reveals an important allele in upland rice. <i>Nature Communications</i> , 2013, 4, 2138.	12.8	43
17	A genomic perspective on the important genetic mechanisms of upland adaptation of rice. <i>BMC Plant Biology</i> , 2014, 14, 160.	3.6	39
18	Comparative transcriptome analyses on silk glands of six silkmoths imply the genetic basis of silk structure and coloration. <i>BMC Genomics</i> , 2015, 16, 203.	2.8	24

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19	Strategies for identification of mutations induced by carbon-ion beam irradiation in <i>Arabidopsis thaliana</i> by whole genome re-sequencing. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2018, 807, 21-30.	1.0	18
20	Arioc: GPU-accelerated alignment of short bisulfite-treated reads. <i>Bioinformatics</i> , 2018, 34, 2673-2675.	4.1	17
21	ISL2 modulates angiogenesis through transcriptional regulation of ANGPT2 to promote cell proliferation and malignant transformation in oligodendroglioma. <i>Oncogene</i> , 2020, 39, 5964-5978.	5.9	16
22	Functional consequences of new exon acquisition in mammalian chromodomain Y-like (CDYL) genes. <i>Trends in Genetics</i> , 2007, 23, 427-431.	6.7	15
23	Single-cell transcriptome of early hematopoiesis guides arterial endothelial-enhanced functional T cell generation from human PSCs. <i>Science Advances</i> , 2021, 7, eabi9787.	10.3	13
24	Evolutionary Patterns of RNA-Based Duplication in Non-Mammalian Chordates. <i>PLoS ONE</i> , 2011, 6, e21466.	2.5	13
25	Tight junction protein 1 promotes vasculature remodeling via regulating USP2/TWIST1 in bladder cancer. <i>Oncogene</i> , 2022, 41, 502-514.	5.9	10
26	Origin and evolution of new exons in the rodent zinc finger protein 39 gene. <i>Science Bulletin</i> , 2005, 50, 1126.	1.7	2
27	Origin and evolution of new genes. <i>Science Bulletin</i> , 2004, 49, 1681-1686.	1.7	1
28	Whole-genome resequencing of the wheat A subgenome progenitor <i>Triticum urartu</i> provides insights into its demographic history and geographic adaptation. <i>Plant Communications</i> , 2022, , 100345.	7.7	1
29	Origin and evolution of new genes. <i>Science Bulletin</i> , 2004, 49, 1681.	1.7	0
30	Evolutionary characteristics of exons expressed at different abundance levels in mammals. <i>Science Bulletin</i> , 2009, 54, 3546-3554.	9.0	0