

Xiaohui Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,441
citations

687363

13
h-index

940533

16
g-index

20
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20
docs citations

20
times ranked

1981
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis meiotic crossover hot spots overlap with H2A.Z nucleosomes at gene promoters. <i>Nature Genetics</i> , 2013, 45, 1327-1336.	21.4	321
2	Nucleosomes and DNA methylation shape meiotic DSB frequency in <i>Arabidopsis thaliana</i> transposons and gene regulatory regions. <i>Genome Research</i> , 2018, 28, 532-546.	5.5	190
3	DNA methylation epigenetically silences crossover hot spots and controls chromosomal domains of meiotic recombination in <i>Arabidopsis</i> . <i>Genes and Development</i> , 2015, 29, 2183-2202.	5.9	160
4	Epigenetic activation of meiotic recombination near <i>Arabidopsis thaliana</i> centromeres via loss of H3K9me2 and non-CG DNA methylation. <i>Genome Research</i> , 2018, 28, 519-531.	5.5	138
5	Phenotypic and functional characterization of first-trimester human placental macrophages, Hofbauer cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	98
6	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , 2019, 40, 621-631.	2.2	97
7	Juxtaposition of heterozygous and homozygous regions causes reciprocal crossover remodelling via interference during <i>Arabidopsis</i> meiosis. <i>ELife</i> , 2015, 4, .	6.0	97
8	Recombination Rate Heterogeneity within <i>Arabidopsis</i> Disease Resistance Genes. <i>PLoS Genetics</i> , 2016, 12, e1006179.	3.5	94
9	Interacting Genomic Landscapes of REC8-Cohesin, Chromatin, and Meiotic Recombination in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2020, 32, 1218-1239.	6.6	57
10	High-throughput analysis of meiotic crossover frequency and interference via flow cytometry of fluorescent pollen in <i>Arabidopsis thaliana</i> . <i>Nature Protocols</i> , 2013, 8, 2119-2134.	12.0	44
11	Menstrual flow as a non-invasive source of endometrial organoids. <i>Communications Biology</i> , 2021, 4, 651.	4.4	40
12	Interhomolog polymorphism shapes meiotic crossover within the <i>Arabidopsis</i> RAC1 and RPP13 disease resistance genes. <i>PLoS Genetics</i> , 2018, 14, e1007843.	3.5	30
13	HIGH CROSSOVER RATE1 encodes PROTEIN PHOSPHATASE X1 and restricts meiotic crossovers in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2021, 7, 452-467.	9.3	25
14	Placental secretome characterization identifies candidates for pregnancy complications. <i>Communications Biology</i> , 2021, 4, 701.	4.4	18
15	Defective folate metabolism causes germline epigenetic instability and distinguishes Hira as a phenotype inheritance biomarker. <i>Nature Communications</i> , 2021, 12, 3714.	12.8	12
16	Thyroid Deficiency Before Birth Alters the Adipose Transcriptome to Promote Overgrowth of White Adipose Tissue and Impair Thermogenic Capacity. <i>Thyroid</i> , 2020, 30, 794-805.	4.5	10