

Yuchen Yang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

357
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	MAPS: Model-based analysis of long-range chromatin interactions from PLAC-seq and HiChIP experiments. <i>PLoS Computational Biology</i> , 2019, 15, e1006982.	3.2	94
2	SnapHiC: a computational pipeline to identify chromatin loops from single-cell Hi-C data. <i>Nature Methods</i> , 2021, 18, 1056-1059.	19.0	46
3	Down-regulation of Beclin1 promotes direct cardiac reprogramming. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	41
4	The circadian clock shapes the Arabidopsis transcriptome by regulating alternative splicing and alternative polyadenylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 7608-7619.	3.4	34
5	Molecular dissection of cadmium-responsive transcriptome profile in a low-cadmium-accumulating cultivar of <i>Brassica parachinensis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 85-94.	6.0	33
6	FIREcaller: Detecting frequently interacting regions from Hi-C data. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 355-362.	4.1	22
7	HiC-ACT: improved detection of chromatin interactions from Hi-C data via aggregated Cauchy test. <i>American Journal of Human Genetics</i> , 2021, 108, 257-268.	6.2	17
8	Functional coordination of non- α myocytes plays a key role in adult zebrafish heart regeneration. <i>EMBO Reports</i> , 2021, 22, e52901.	4.5	17
9	Super hotspots and super coldspots in the repair of UV-induced DNA damage in the human genome. <i>Journal of Biological Chemistry</i> , 2021, 296, 100581.	3.4	13
10	Unravelling the molecular mechanisms of abscisic acid-mediated drought-stress alleviation in pomegranate (<i>Punica granatum L.</i>). <i>Plant Physiology and Biochemistry</i> , 2020, 157, 211-218.	5.8	12
11	Development of next-generation tumor-homing induced neural stem cells to enhance treatment of metastatic cancers. <i>Science Advances</i> , 2021, 7, .	10.3	8
12	HPRep: Quantifying Reproducibility in HiChIP and PLAC-Seq Datasets. <i>Current Issues in Molecular Biology</i> , 2021, 43, 1156-1170.	2.4	4
13	Super interactive promoters provide insight into cell type-specific regulatory networks in blood lineage cell types. <i>PLoS Genetics</i> , 2022, 18, e1009984.	3.5	4
14	Molecular Dissection Unveiling Dwarfing Effects of Plant Growth Retardants on Pomegranate. <i>Frontiers in Plant Science</i> , 2022, 13, 866193.	3.6	4
15	Assessment of familial risk in patients with hidradenitis suppurativa. <i>British Journal of Dermatology</i> , 2021, 184, 753-754.	1.5	3
16	A systematic evaluation of Hi-C data enhancement methods for enhancing PLAC-seq and HiChIP data. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	3