

Rosa Gomez Castanon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8038547/publications.pdf>

Version: 2024-02-01

18
papers

3,340
citations

430442

18
h-index

839053

18
g-index

24
all docs

24
docs citations

24
times ranked

6427
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenomic Diversity in a Global Collection of Arabidopsis thaliana Accessions. Cell, 2016, 166, 492-505.	13.5	594
2	Single-cell methylomes identify neuronal subtypes and regulatory elements in mammalian cortex. Science, 2017, 357, 600-604.	6.0	445
3	Molecular Criteria for Defining the Naive Human Pluripotent State. Cell Stem Cell, 2016, 19, 502-515.	5.2	415
4	A transcription factor hierarchy defines an environmental stress response network. Science, 2016, 354, .	6.0	394
5	Abnormalities in human pluripotent cells due to reprogramming mechanisms. Nature, 2014, 511, 177-183.	13.7	307
6	Cerebral Organoids Recapitulate Epigenomic Signatures of the Human Fetal Brain. Cell Reports, 2016, 17, 3369-3384.	2.9	296
7	CrY2H-seq: a massively multiplexed assay for deep-coverage interactome mapping. Nature Methods, 2017, 14, 819-825.	9.0	157
8	Robust single-cell DNA methylome profiling with snmC-seq2. Nature Communications, 2018, 9, 3824.	5.8	138
9	The complex architecture and epigenomic impact of plant T-DNA insertions. PLoS Genetics, 2019, 15, e1007819.	1.5	109
10	Functional Human Oocytes Generated by Transfer of Polar Body Genomes. Cell Stem Cell, 2017, 20, 112-119.	5.2	76
11	Global DNA methylation remodeling during direct reprogramming of fibroblasts to neurons. ELife, 2019, 8, .	2.8	64
12	Single nucleus multi-omics identifies human cortical cell regulatory genome diversity. Cell Genomics, 2022, 2, 100107.	3.0	58
13	Iterative single-cell multi-omic integration using online learning. Nature Biotechnology, 2021, 39, 1000-1007.	9.4	53
14	OGT binds a conserved C-terminal domain of TET1 to regulate TET1 activity and function in development. ELife, 2018, 7, .	2.8	46
15	Allele-specific non-CG DNA methylation marks domains of active chromatin in female mouse brain. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2882-E2890.	3.3	45
16	Losing Dnmt3a dependent methylation in inhibitory neurons impairs neural function by a mechanism impacting Rett syndrome. ELife, 2020, 9, .	2.8	44
17	Single nucleus multi-omics regulatory landscape of the murine pituitary. Nature Communications, 2021, 12, 2677.	5.8	38
18	Epigenetic silencing of a multifunctional plant stress regulator. ELife, 2019, 8, .	2.8	28