Jinzhou Yuan

List of Publications by Year
in descending order

25 papers	2,339 citations	394421 19 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	5030 citing authors

#	Article	IF	Citations
1	Immune and genomic correlates of response to anti-PD-1 immunotherapy in glioblastoma. Nature Medicine, 2019, 25, 462-469.	30.7	569
2	Single-cell transcriptomics of human T cells reveals tissue and activation signatures in health and disease. Nature Communications, 2019, 10, 4706.	12.8	460
3	Single-Cell Analysis of Regional Differences in Adult V-SVZ Neural Stem Cell Lineages. Cell Reports, 2019, 26, 394-406.e5.	6.4	175
4	Pathway-based classification of glioblastoma uncovers a mitochondrial subtype with therapeutic vulnerabilities. Nature Cancer, 2021, 2, 141-156.	13.2	163
5	Single-cell transcriptome analysis of lineage diversity in high-grade glioma. Genome Medicine, 2018, 10, 57.	8.2	162
6	Single-Cell Transcriptomic Analysis of Tumor Heterogeneity. Trends in Cancer, 2018, 4, 264-268.	7.4	128
7	An Automated Microwell Platform for Large-Scale Single Cell RNA-Seq. Scientific Reports, 2016, 6, 33883.	3.3	107
8	De novo gene signature identification from singleâ€cell <scp>RNA</scp> â€seq with hierarchical Poisson factorization. Molecular Systems Biology, 2019, 15, e8557.	7.2	78
9	Single-cell characterization of macrophages in glioblastoma reveals MARCO as a mesenchymal pro-tumor marker. Genome Medicine, 2021, 13, 88.	8.2	57
10	Theoretical Studies of Properties and Reactions Involving Mercury Species Present in Combustion Flue Gases^{â€}. Energy & Fuels, 2010, 24, 117-122.	5.1	54
11	Single-Cell Profiling and SCOPE-Seq Reveal Lineage Dynamics of Adult Ventricular-Subventricular Zone Neurogenesis and NOTUM as a Key Regulator. Cell Reports, 2020, 31, 107805.	6.4	44
12	SCOPE-Seq: a scalable technology for linking live cell imaging and single-cell RNA sequencing. Genome Biology, 2018, 19, 227.	8.8	40
13	ERK1/2 phosphorylation predicts survival following anti-PD-1 immunotherapy in recurrent glioblastoma. Nature Cancer, 2021, 2, 1372-1386.	13.2	39
14	Gait synchronization in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6865-6870.	7.1	38
15	Caenorhabditis-in-Drop Array for MonitoringC. elegansQuiescent Behavior. Sleep, 2013, 36, 689-698.	1.1	37
16	A map of tumorâ€“host interactions in glioma at single-cell resolution. GigaScience, 2020, 9, .	6.4	32
17	High-throughput, motility-based sorter for microswimmers such as C. elegans. Lab on A Chip, 2015, 15, 2790-2798.	6.0	25
18	Propensity of undulatory swimmers, such as worms, to go against the flow. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3606-3611.	7.1	24

#	Article	IF	Citations
19	A hydrodynamic mechanism for attraction of undulatory microswimmers to surfaces (bordertaxis). Journal of the Royal Society Interface, 2015, 12, 20150227.	3.4	16
20	Integrating single-cell RNA-seq and imaging with SCOPE-seq2. Scientific Reports, 2020, 10, 19482.	3.3	16
21	Terrain following and applications:Caenorhabditis elegansswims along the floor using a bump and undulate strategy. Journal of the Royal Society Interface, 2016, 13, 20160612.	3.4	10
22	Orienting Actin Filaments for Directional Motility of Processive Myosin Motors. Nano Letters, 2013, 13, 79-84.	9.1	9
23	Why do worms go against the flow?C. elegansbehaviors explained by simple physics. Worm, 2015, 4, e1118606.	1.0	6
24	Video: Why are Undulatory Swimmers Attracted to Surfaces (Bordertaxis)?. , 0, , .		2
25	SPOTs fill a major gap in RNA quantification. Nature Methods, 2017, 14, 1137-1138.	19.0	0