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	Pathway-based classification of glioblastoma uncovers a mitochondrial subtype with therapeutic vulnerabilities. Nature Cancer, 2021, 2, 141-156.	13.2	163
2	Single-cell characterization of macrophages in glioblastoma reveals MARCO as a mesenchymal pro-tumor marker. Genome Medicine, 2021, 13, 88.	8.2	57
3	ERK1/2 phosphorylation predicts survival following anti-PD-1 immunotherapy in recurrent glioblastoma. Nature Cancer, 2021, 2, 1372-1386.	13.2	39
4	Integrating single-cell RNA-seq and imaging with SCOPE-seq2. Scientific Reports, 2020, 10, 19482.	3.3	16
5	A map of tumorâ€“host interactions in glioma at single-cell resolution. GigaScience, 2020, 9, .	6.4	32
6	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
7	Single-cell transcriptomics of human T cells reveals tissue and activation signatures in health and disease. Nature Communications, 2019, 10, 4706.	12.8	460
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	Immune and genomic correlates of response to anti-PD-1 immunotherapy in glioblastoma. Nature Medicine, 2019, 25, 462-469.	30.7	569
10	Single-Cell Analysis of Regional Differences in Adult V-SVZ Neural Stem Cell Lineages. Cell Reports, 2019, 26, 394-406.e5.	6.4	175
11	Single-Cell Transcriptomic Analysis of Tumor Heterogeneity. Trends in Cancer, 2018, 4, 264-268.	7.4	128
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	Single-cell transcriptome analysis of lineage diversity in high-grade glioma. Genome Medicine, 2018, 10, 57.	8.2	162
14	SPOTs fill a major gap in RNA quantification. Nature Methods, 2017, 14, 1137-1138.	19.0	0
15	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
16	An Automated Microwell Platform for Large-Scale Single Cell RNA-Seq. Scientific Reports, 2016, 6, 33883.	3.3	107
17	High-throughput, motility-based sorter for microswimmers such as C. elegans. Lab on A Chip, 2015, 15, 2790-2798.	6.0	25
18	A hydrodynamic mechanism for attraction of undulatory microswimmers to surfaces (bordertaxis). Journal of the Royal Society Interface, 2015, 12, 20150227.	3.4	16

#	Article	IF	Citations
19	Why do worms go against the flow?C. elegansbehaviors explained by simple physics. Worm, 2015, 4, e1118606.	1.0	6
20	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
21	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
22	Orienting Actin Filaments for Directional Motility of Processive Myosin Motors. Nano Letters, 2013, 13, 79-84.	9.1	9
23	Caenorhabditis-in-Drop Array for MonitoringC. elegansQuiescent Behavior. Sleep, 2013, 36, 689-698.	1.1	37
24	Theoretical Studies of Properties and Reactions Involving Mercury Species Present in Combustion Flue Gases^{â€}. Energy & Fuels, 2010, 24, 117-122.	5.1	54
25	Video: Why are Undulatory Swimmers Attracted to Surfaces (Bordertaxis)?. , 0, , .		2