John F Ouyang

List of Publications by Year
in descending order

18 papers	1,715 citations	567281 15 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	2966 citing authors

#	Article	IF	Citations
1	A single-cell atlas of entorhinal cortex from individuals with Alzheimer's disease reveals cell-type-specific gene expression regulation. Nature Neuroscience, 2019, 22, 2087-2097.	14.8	591
2	Modelling human blastocysts by reprogramming fibroblasts into iBlastoids. Nature, 2021, 591, 627-632.	27.8	211
3	Transcriptional signature in microglia associated with Aβ plaque phagocytosis. Nature Communications, 2021, 12, 3015.	12.8	142
4	Reprogramming roadmap reveals route to human induced trophoblast stem cells. Nature, 2020, 586, 101-107.	27.8	131
5	Functional annotation of human long noncoding RNAs via molecular phenotyping. Genome Research, 2020, 30, 1060-1072.	5.5	109
6	ShinyCell: simple and sharable visualization of single-cell gene expression data. Bioinformatics, 2021, 37, 3374-3376.	4.1	83
7	Combined Fragmentation Method: A Simple Method for Fragmentation of Large Molecules. Journal of Chemical Theory and Computation, 2012, 8, 469-478.	5.3	81
8	deltaTE: Detection of Translationally Regulated Genes by Integrative Analysis of Ribo-seq and RNA-seq Data. Current Protocols in Molecular Biology, 2019, 129, e108.	2.9	77
9	Modelling Water: A Lifetime Enigma. Chimia, 2015, 69, 104.	0.6	57
10	Trouble with the Many-Body Expansion. Journal of Chemical Theory and Computation, 2014, 10, 3699-3707.	5.3	48
11	Many-Body Basis Set Superposition Effect. Journal of Chemical Theory and Computation, 2015, 11, 5132-5143.	5.3	38
12	A high-resolution map of human RNA translation. Molecular Cell, 2022, 82, 2885-2899.e8.	9.7	37
13	The MURAL collection of prostate cancer patient-derived xenografts enables discovery through preclinical models of uro-oncology. Nature Communications, 2021, 12, 5049.	12.8	33
14	When are Many-Body Effects Significant?. Journal of Chemical Theory and Computation, 2016, 12, 5860-5867.	5.3	28
15	GeneSwitches: ordering gene expression and functional events in single-cell experiments. Bioinformatics, 2020, 36, 3273-3275.	4.1	27
16	Challenges for Computational Stem Cell Biology: A Discussion for the Field. Stem Cell Reports, 2021, 16, 3-9.	4.8	4
17	Evaluating Capture Sequence Performance for Single-Cell CRISPR Activation Experiments. ACS Synthetic Biology, 2021, 10, 640-645.	3.8	3
18	Molecular Interaction Networks to Select Factors for Cell Conversion. Methods in Molecular Biology, 2019, 1975, 333-361.	0.9	2