

Yinan Wan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5782246/publications.pdf>

Version: 2024-02-01

14
papers

1,385
citations

759055

12
h-index

1125617

13
g-index

18
all docs

18
docs citations

18
times ranked

2164
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast, accurate reconstruction of cell lineages from large-scale fluorescence microscopy data. <i>Nature Methods</i> , 2014, 11, 951-958.	9.0	253
2	Adaptive light-sheet microscopy for long-term, high-resolution imaging in living organisms. <i>Nature Biotechnology</i> , 2016, 34, 1267-1278.	9.4	211
3	Whole-animal functional and developmental imaging with isotropic spatial resolution. <i>Nature Methods</i> , 2015, 12, 1171-1178.	9.0	203
4	Real-Time Three-Dimensional Cell Segmentation in Large-Scale Microscopy Data of Developing Embryos. <i>Developmental Cell</i> , 2016, 36, 225-240.	3.1	156
5	Efficient processing and analysis of large-scale light-sheet microscopy data. <i>Nature Protocols</i> , 2015, 10, 1679-1696.	5.5	109
6	Light-Sheet Microscopy and Its Potential for Understanding Developmental Processes. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 655-681.	4.0	98
7	Histone H3K27 acetylation precedes active transcription during zebrafish zygotic genome activation as revealed by live-cell analysis. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	81
8	Single-Cell Reconstruction of Emerging Population Activity in an Entire Developing Circuit. <i>Cell</i> , 2019, 179, 355-372.e23.	13.5	72
9	The ciliary marginal zone of the zebrafish retina: clonal and time-lapse analysis of a continuously growing tissue. <i>Development (Cambridge)</i> , 2016, 143, 1099-107.	1.2	60
10	BlastNeuron for Automated Comparison, Retrieval and Clustering of 3D Neuron Morphologies. <i>Neuroinformatics</i> , 2015, 13, 487-499.	1.5	55
11	AHD2.0: an update version of Arabidopsis Hormone Database for plant systematic studies. <i>Nucleic Acids Research</i> , 2011, 39, D1123-D1129.	6.5	52
12	Nuclear crowding and nonlinear diffusion during interkinetic nuclear migration in the zebrafish retina. <i>ELife</i> , 2020, 9, .	2.8	15
13	Current approaches to fate mapping and lineage tracing using image data. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	13
14	Whole-animal imaging with high spatio-temporal resolution. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0