Jiji Chen

List of Publications by Year
in descending order

12 papers	2,550 citations	759055 12 h-index	1199470 12 g-index
16 all docs	16 docs citations	16 times ranked	4181 citing authors

#	Article	IF	Citations
1	Three-dimensional residual channel attention networks denoise and sharpen fluorescence microscopy image volumes. Nature Methods, 2021, 18, 678-687.	9.0	94
2	PARylation prevents the proteasomal degradation of topoisomerase I DNA-protein crosslinks and induces their deubiquitylation. Nature Communications, 2021, 12, 5010.	5.8	26
3	Multiview confocal super-resolution microscopy. Nature, 2021, 600, 279-284.	13.7	55
4	Visualizing the translation and packaging of HIV-1 full-length RNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6145-6155.	3.3	24
5	Rapid image deconvolution and multiview fusion for optical microscopy. Nature Biotechnology, 2020, 38, 1337-1346.	9.4	105
6	In situ polymerization on nanoscale metal-organic frameworks for enhanced physiological stability and stimulus-responsive intracellular drug delivery. Biomaterials, 2019, 218, 119365.	5.7	80
7	Reflective imaging improves spatiotemporal resolution and collection efficiency in light sheet microscopy. Nature Communications, 2017, 8, 1452.	5.8	41
8	A general method to improve fluorophores for live-cell and single-molecule microscopy. Nature Methods, 2015, 12, 244-250.	9.0	1,236
9	Probing the target search of DNA-binding proteins in mammalian cells using TetR as model searcher. Nature Communications, 2015, 6, 7357.	5.8	171
10	Whole-cell, multicolor superresolution imaging using volumetric multifocus microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17480-17485.	3.3	89
11	Single-Molecule Dynamics of Enhanceosome Assembly in Embryonic Stem Cells. Cell, 2014, 156, 1274-1285.	13.5	532
12	Imaging the fate of histone Cse4 reveals de novo replacement in S phase and subsequent stable residence at centromeres. ELife, 2014, 3, e02203.	2.8	87