Ruixuan Gao

List of Publications by Year
in descending order

18	1,366	840776 11	940533 16
papers	citations	h-index	g-index

22	22	22	2639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoscale fluorescence imaging of biological ultrastructure via molecular anchoring and physical expansion. Nano Convergence, 2022, 9, .	12.1	5
2	Light-Sheet Fluorescence Microscopy for Multiscale Biological Imaging. , 2021, , 373-382.		0
3	A highly homogeneous polymer composed of tetrahedron-like monomers for high-isotropy expansion microscopy. Nature Nanotechnology, 2021, 16, 698-707.	31.5	43
4	Confocal Bessel Beam Light-sheet and Expansion Microscopy for Axonal Connectomics of Mammalian Brains. , 2021, , .		0
5	Expansion Microscopy for Beginners: Visualizing Microtubules in Expanded Cultured HeLa Cells. Current Protocols in Neuroscience, 2020, 92, e96.	2.6	18
6	Cortical column and whole-brain imaging with molecular contrast and nanoscale resolution. Science, 2019, 363, .	12.6	277
7	3D nanofabrication by volumetric deposition and controlled shrinkage of patterned scaffolds. Science, 2018, 362, 1281-1285.	12.6	116
8	Light sheet theta microscopy for rapid high-resolution imaging of large biological samples. BMC Biology, 2018, 16, 57.	3.8	86
9	Expansion Microscopy: Protocols for Imaging Proteins and RNA in Cells and Tissues. Current Protocols in Cell Biology, 2018, 80, e56.	2.3	136
10	Electrochemical Deposition of Conformal and Functional Layers on High Aspect Ratio Silicon Micro/Nanowires. Nano Letters, 2017, 17, 4502-4507.	9.1	50
11	Sonofragmentation of Ultrathin 1D Nanomaterials. Particle and Particle Systems Characterization, 2017, 34, 1600339.	2.3	4
12	Expansion microscopy of zebrafish for neuroscience and developmental biology studies. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10799-E10808.	7.1	73
13	Q&A: Expansion microscopy. BMC Biology, 2017, 15, 50.	3.8	49
14	Multiplexed neural recording along a single optical fiber via optical reflectometry. Journal of Biomedical Optics, 2016, 21, 057003.	2.6	3
15	Encoding Active Device Elements at Nanowire Tips. Nano Letters, 2016, 16, 4713-4719.	9.1	11
16	Plateauâ€“Rayleigh crystal growth of periodic shells on one-dimensional substrates. Nature Nanotechnology, 2015, 10, 345-352.	31.5	131
17	Free-standing kinked nanowire transistor probes for targeted intracellular recording in three dimensions. Nature Nanotechnology, 2014, 9, 142-147.	31.5	230
18	Outside Looking In: Nanotube Transistor Intracellular Sensors. Nano Letters, 2012, 12, 3329-3333.	9.1	113