

Daniel E Milkie

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

6,815
citations

471061

17
h-index

794141

19
g-index

26
all docs

26
docs citations

26
times ranked

8514
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice light-sheet microscopy: Imaging molecules to embryos at high spatiotemporal resolution. <i>Science</i> , 2014, 346, 1257998.	6.0	1,567
2	Rapid three-dimensional isotropic imaging of living cells using Bessel beam plane illumination. <i>Nature Methods</i> , 2011, 8, 417-423.	9.0	1,006
3	A Complete Electron Microscopy Volume of the Brain of Adult <i>Drosophila melanogaster</i> . <i>Cell</i> , 2018, 174, 730-743.e22.	13.5	731
4	Extended-resolution structured illumination imaging of endocytic and cytoskeletal dynamics. <i>Science</i> , 2015, 349, aab3500.	6.0	585
5	Adaptive optics via pupil segmentation for high-resolution imaging in biological tissues. <i>Nature Methods</i> , 2010, 7, 141-147.	9.0	546
6	Visualizing Intracellular Organelle and Cytoskeletal Interactions at Nanoscale Resolution on Millisecond Timescales. <i>Cell</i> , 2018, 175, 1430-1442.e17.	13.5	427
7	Observing the cell in its native state: Imaging subcellular dynamics in multicellular organisms. <i>Science</i> , 2018, 360, .	6.0	420
8	Cortical column and whole-brain imaging with molecular contrast and nanoscale resolution. <i>Science</i> , 2019, 363, .	6.0	277
9	High-density three-dimensional localization microscopy across large volumes. <i>Nature Methods</i> , 2016, 13, 359-365.	9.0	262
10	Correlative three-dimensional super-resolution and block-face electron microscopy of whole vitreously frozen cells. <i>Science</i> , 2020, 367, .	6.0	255
11	Rapid adaptive optical recovery of optimal resolution over large volumes. <i>Nature Methods</i> , 2014, 11, 625-628.	9.0	253
12	Multiplexed aberration measurement for deep tissue imaging in vivo. <i>Nature Methods</i> , 2014, 11, 1037-1040.	9.0	125
13	Photoluminescence from Intertube Carrier Migration in Single-Walled Carbon Nanotube Bundles. <i>Nano Letters</i> , 2006, 6, 2864-2867.	4.5	96
14	Simultaneous Block Copolymer and Magnetic Nanoparticle Assembly in Nanocomposite Films. <i>Macromolecules</i> , 2009, 42, 1219-1228.	2.2	64
15	Pupil-segmentation-based adaptive optical microscopy with full-pupil illumination. <i>Optics Letters</i> , 2011, 36, 4206.	1.7	58
16	An adaptive optics module for deep tissue multiphoton imaging in vivo. <i>Nature Methods</i> , 2021, 18, 1259-1264.	9.0	45
17	Direct phase measurement in zonal wavefront reconstruction using multidither coherent optical adaptive technique. <i>Optics Express</i> , 2014, 22, 1619.	1.7	27
18	Measurement of Chiral-Dependent Magnetic Anisotropy in Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2007, 129, 252-253.	6.6	18

#	ARTICLE	IF	CITATIONS
19	Pupil-segmentation-based adaptive optics for microscopy. Proceedings of SPIE, 2011, , .	0.8	1