

John J Macklin

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

7,042
citations

586496

16
h-index

1051228

16
g-index

24
all docs

24
docs citations

24
times ranked

10881
citing authors

#	ARTICLE	IF	CITATIONS
1	jYCaMP: an optimized calcium indicator for two-photon imaging at fiber laser wavelengths. <i>Nature Methods</i> , 2020, 17, 694-697.	9.0	45
2	Bright and photostable chemigenetic indicators for extended in vivo voltage imaging. <i>Science</i> , 2019, 365, 699-704.	6.0	362
3	High-performance calcium sensors for imaging activity in neuronal populations and microcompartments. <i>Nature Methods</i> , 2019, 16, 649-657.	9.0	843
4	Photoactivatable drugs for nicotinic optopharmacology. <i>Nature Methods</i> , 2018, 15, 347-350.	9.0	39
5	A general method to fine-tune fluorophores for live-cell and in vivo imaging. <i>Nature Methods</i> , 2017, 14, 987-994.	9.0	502
6	Sensitive red protein calcium indicators for imaging neural activity. <i>ELife</i> , 2016, 5, .	2.8	813
7	A bright cyan-excitable orange fluorescent protein facilitates dual-emission microscopy and enhances bioluminescence imaging in vivo. <i>Nature Biotechnology</i> , 2016, 34, 760-767.	9.4	221
8	Visualization and neuronal cell targeting during electrophysiological recordings facilitated by quantum dots. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
9	Fixation-resistant photoactivatable fluorescent proteins for CLEM. <i>Nature Methods</i> , 2015, 12, 215-218.	9.0	173
10	A general method to improve fluorophores for live-cell and single-molecule microscopy. <i>Nature Methods</i> , 2015, 12, 244-250.	9.0	1,236
11	Conjunctive input processing drives feature selectivity in hippocampal CA1 neurons. <i>Nature Neuroscience</i> , 2015, 18, 1133-1142.	7.1	425
12	High-performance probes for light and electron microscopy. <i>Nature Methods</i> , 2015, 12, 568-576.	9.0	225
13	Cortex commands the performance of skilled movement. <i>ELife</i> , 2015, 4, e10774.	2.8	207
14	Quantum dot-based multiphoton fluorescent pipettes for targeted neuronal electrophysiology. <i>Nature Methods</i> , 2014, 11, 1237-1241.	9.0	70
15	Genetically encoded calcium indicators for multi-color neural activity imaging and combination with optogenetics. <i>Frontiers in Molecular Neuroscience</i> , 2013, 6, 2.	1.4	629
16	Excitation Spectra and Brightness Optimization of Two-Photon Excited Probes. <i>Biophysical Journal</i> , 2012, 102, 934-944.	0.2	100
17	Optimization of a GCaMP Calcium Indicator for Neural Activity Imaging. <i>Journal of Neuroscience</i> , 2012, 32, 13819-13840.	1.7	1,099