

Ronak Patel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

3,470
citations

15
h-index

35
g-index

35
ext. papers

4,877
ext. citations

15.9
avg, IF

4.72
L-index

#	Paper	IF	Citations
25	A General Method to Improve Fluorophores Using Deuterated Auxochromes. <i>Jacs Au</i> , 2021 , 1, 690-696		17
24	Bright and High-Performance Genetically Encoded Ca Indicator Based on mNeonGreen Fluorescent Protein. <i>ACS Sensors</i> , 2020 , 5, 1959-1968	9.2	20
23	Erasable labeling of neuronal activity using a reversible calcium marker. <i>ELife</i> , 2020 , 9,	8.9	6
22	jYCaMP: an optimized calcium indicator for two-photon imaging at fiber laser wavelengths. <i>Nature Methods</i> , 2020 , 17, 694-697	21.6	23
21	A general method to optimize and functionalize red-shifted rhodamine dyes. <i>Nature Methods</i> , 2020 , 17, 815-821	21.6	58
20	High-performance calcium sensors for imaging activity in neuronal populations and microcompartments. <i>Nature Methods</i> , 2019 , 16, 649-657	21.6	356
19	Bright and photostable chemigenetic indicators for extended in vivo voltage imaging. <i>Science</i> , 2019 , 365, 699-704	33.3	206
18	A genetically encoded Ca indicator based on circularly permuted sea anemone red fluorescent protein eqFP578. <i>BMC Biology</i> , 2018 , 16, 9	7.3	56
17	A general method to fine-tune fluorophores for live-cell and in vivo imaging. <i>Nature Methods</i> , 2017 , 14, 987-994	21.6	289
16	Author response: Sensitive red protein calcium indicators for imaging neural activity 2016 ,		9
15	Sensitive red protein calcium indicators for imaging neural activity. <i>ELife</i> , 2016 , 5,	8.9	484
14	A general method to improve fluorophores for live-cell and single-molecule microscopy. <i>Nature Methods</i> , 2015 , 12, 244-50, 3 p following 250	21.6	845
13	High-performance probes for light and electron microscopy. <i>Nature Methods</i> , 2015 , 12, 568-76	21.6	140
12	Neural circuits. Labeling of active neural circuits in vivo with designed calcium integrators. <i>Science</i> , 2015 , 347, 755-60	33.3	263
11	Fixation-resistant photoactivatable fluorescent proteins for CLEM. <i>Nature Methods</i> , 2015 , 12, 215-8, 4 p following 218	21.6	120
10	Genetically encoded calcium indicators for multi-color neural activity imaging and combination with optogenetics. <i>Frontiers in Molecular Neuroscience</i> , 2013 , 6, 2	6.1	487
9	Multifunctionality of indocyanine green-loaded biodegradable nanoparticles for enhanced optical imaging and hyperthermia intervention of cancer. <i>Journal of Biomedical Optics</i> , 2012 , 17, 046003	3.5	44

8	Fast and sensitive GCaMP calcium indicators for imaging neural populations	7
7	Optimization and functionalization of red-shifted rhodamine dyes	2
6	Deuteration improves small-molecule fluorophores	2
5	Far-red fluorescent genetically encoded calcium ion indicators	5
4	High-performance GFP-based calcium indicators for imaging activity in neuronal populations and microcompartments	10
3	Bright and photostable chemigenetic indicators for extended in vivo voltage imaging	10
2	rsCaMPARI: an erasable marker of neuronal activity	2
1	A general method to fine-tune fluorophores for live-cell and in vivo imaging	1