

# Ronak Patel

## List of Publications by Citations

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

8	Author response: Sensitive red protein calcium indicators for imaging neural activity <b>2016</b> ,	9
7	Fast and sensitive GCaMP calcium indicators for imaging neural populations	7
6	Erasable labeling of neuronal activity using a reversible calcium marker. <i>ELife</i> , <b>2020</b> , 9,	8.9 6
5	Far-red fluorescent genetically encoded calcium ion indicators	5
4	Optimization and functionalization of red-shifted rhodamine dyes	2
3	Deuteration improves small-molecule fluorophores	2
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