

Yongxin Zhao

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.

13 papers	1,052 citations	12 h-index	16 g-index
16 ext. papers	1,361 ext. citations	10.6 avg, IF	3.68 L-index

#	Paper	IF	Citations
13	Protein-retention expansion microscopy of cells and tissues labeled using standard fluorescent proteins and antibodies. <i>Nature Biotechnology</i> , 2016 , 34, 987-92	44.5	315
12	Improved orange and red Ca ²⁺ indicators and photophysical considerations for optogenetic applications. <i>ACS Chemical Neuroscience</i> , 2013 , 4, 963-72	5.7	155
11	Bright and fast multicoloured voltage reporters via electrochromic FRET. <i>Nature Communications</i> , 2014 , 5, 4625	17.4	142
10	Nanoscale imaging of clinical specimens using pathology-optimized expansion microscopy. <i>Nature Biotechnology</i> , 2017 , 35, 757-764	44.5	114
9	Preparation and characterization of Fe ₃ O ₄ particles with novel nanosheets morphology and magnetochromatic property by a modified solvothermal method. <i>Scientific Reports</i> , 2015 , 5, 9320	4.9	64
8	Simultaneous detection of Ca ²⁺ and diacylglycerol signaling in living cells. <i>PLoS ONE</i> , 2012 , 7, e42791	3.7	41
7	Fluorescent biosensors illuminate calcium levels within defined beta-cell endosome subpopulations. <i>Cell Calcium</i> , 2015 , 57, 263-74	4	40
6	Microfluidic cell sorter-aided directed evolution of a protein-based calcium ion indicator with an inverted fluorescent response. <i>Integrative Biology (United Kingdom)</i> , 2014 , 6, 714-25	3.7	31
5	Unraveling ultrafast photoinduced proton transfer dynamics in a fluorescent protein biosensor for Ca(2+) imaging. <i>Chemistry - A European Journal</i> , 2015 , 21, 6481-90	4.8	30
4	Hydrophilic Magnetochromatic Nanoparticles with Controllable Sizes and Super-high Magnetization for Visualization of Magnetic Field Intensity. <i>Scientific Reports</i> , 2015 , 5, 17063	4.9	27
3	Illuminating Photochemistry of an Excitation Ratiometric Fluorescent Protein Calcium Biosensor. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 3016-3023	3.4	12
2	Fluorescent Proteins for Neuronal Imaging 2015 , 57-96		2
1	Cortical Column and Whole Brain Imaging of Neural Circuits with Molecular Contrast and Nanoscale Resolution		