Yongxin Zhao

List of Publications by Year in Descending Order

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	Illuminating Photochemistry of an Excitation Ratiometric Fluorescent Protein Calcium Biosensor. *Journal of Physical Chemistry B*, **2017**, 121, 3016-3023	3.4	12
12	Nanoscale imaging of clinical specimens using pathology-optimized expansion microscopy. *Nature Biotechnology*, **2017**, 35, 757-764	44.5	114
11	Protein-retention expansion microscopy of cells and tissues labeled using standard fluorescent proteins and antibodies. *Nature Biotechnology*, **2016**, 34, 987-92	44.5	315
10	Preparation and characterization of Fe3O4 particles with novel nanosheets morphology and magnetochromatic property by a modified solvothermal method. *Scientific Reports*, **2015**, 5, 9320	4.9	64
9	Fluorescent biosensors illuminate calcium levels within defined beta-cell endosome subpopulations. *Cell Calcium*, **2015**, 57, 263-74	4	40
8	Hydrophilic Magnetochromatic Nanoparticles with Controllable Sizes and Super-high Magnetization for Visualization of Magnetic Field Intensity. *Scientific Reports*, **2015**, 5, 17063	4.9	27
7	Fluorescent Proteins for Neuronal Imaging **2015**, 57-96		2
6	Unraveling ultrafast photoinduced proton transfer dynamics in a fluorescent protein biosensor for Ca(2+) imaging. *Chemistry - A European Journal*, **2015**, 21, 6481-90	4.8	30
5	Microfluidic cell sorter-aided directed evolution of a protein-based calcium ion indicator with an inverted fluorescent response. *Integrative Biology (United Kingdom)*, **2014**, 6, 714-25	3.7	31
4	Bright and fast multicoloured voltage reporters via electrochromic FRET. *Nature Communications*, **2014**, 5, 4625	17.4	142
3	Improved orange and red Ca□□ indicators and photophysical considerations for optogenetic applications. *ACS Chemical Neuroscience*, **2013**, 4, 963-72	5.7	155
2	Simultaneous detection of Ca2+ and diacylglycerol signaling in living cells. *PLoS ONE*, **2012**, 7, e42791	3.7	41
1	Cortical Column and Whole Brain Imaging of Neural Circuits with Molecular Contrast and Nanoscale Resolution		1