Sanaz Sadegh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3402012/publications.pdf

Version: 2024-02-01

13 papers	339 citations	1163117 8 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	632 citing authors

#	Article	IF	Citations
1	Deep 2-photon imaging and artifact-free optogenetics through transparent graphene microelectrode arrays. Nature Communications, 2018, 9, 2035.	12.8	143
2	Plasma Membrane is Compartmentalized by a Self-Similar Cortical Actin Meshwork. Physical Review X, 2017, 7, .	8.9	74
3	1/fnoise for intermittent quantum dots exhibits non-stationarity and critical exponents. New Journal of Physics, 2014, 16, 113054.	2.9	39
4	Comparing the fundamental imaging depth limit of two-photon, three-photon, and non-degenerate two-photon microscopy. Optics Letters, 2020, 45, 2934.	3.3	21
5	Phosphorescent Pt(<scp>ii</scp>) complexes spatially arrayed in micellar polymeric nanoparticles providing dual readout for multimodal imaging. Chemical Communications, 2019, 55, 501-504.	4.1	18
6	Neurophotonic Tools for Microscopic Measurements and Manipulation: Status Report. Neurophotonics, 2022, 9, 013001.	3.3	17
7	Efficient non-degenerate two-photon excitation for fluorescence microscopy. Optics Express, 2019, 27, 28022.	3.4	16
8	Measurement of the relative non-degenerate two-photon absorption cross-section for fluorescence microscopy. Optics Express, 2019, 27, 8335.	3.4	10
9	Single-Particle Tracking Palm of Nav1.6 in Hippocampal Neurons Demonstrates Unique Subcellular Diffusion Landscapes. Biophysical Journal, 2014, 106, 36a.	0.5	1
10	Visualizing the Compartmentalization of the Surface of Mammalian Cells by Cortical Actin with Superresolution. Biophysical Journal, 2015, 108, 452a.	0.5	0
11	Kv2.1-Induced ER/PM Junctions Modify the Cell Surface Diffusion Landscape. Biophysical Journal, 2018, 114, 98a.	0.5	0
12	Imaging depth limit analysis in multiphoton microscopy using the beam propagation method. , 2020, , .		0
13	Overcoming the Fundamental Limit of Two-Photon Microscopy With Non-Degenerate Excitation. , 2020, , .		0