

Kyle L Ellefsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4320151/publications.pdf>

Version: 2024-02-01

11
papers

434
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	Myosin-II mediated traction forces evoke localized Piezo1-dependent Ca ²⁺ flickers. <i>Communications Biology</i> , 2019, 2, 298.	4.4	141
2	QuantiMus: A Machine Learning-Based Approach for High Precision Analysis of Skeletal Muscle Morphology. <i>Frontiers in Physiology</i> , 2019, 10, 1416.	2.8	35
3	Applications of FLIKA, a Python-based image processing and analysis platform, for studying local events of cellular calcium signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1171-1179.	4.1	15
4	Dynamic Ca ²⁺ imaging with a simplified lattice light-sheet microscope: A sideways view of subcellular Ca ²⁺ puffs. <i>Cell Calcium</i> , 2018, 71, 34-44.	2.4	23
5	Contribution of Innate Cortical Mechanisms to the Maturation of Orientation Selectivity in Parvalbumin Interneurons. <i>Journal of Neuroscience</i> , 2017, 37, 820-829.	3.6	14
6	Contribution of Innate Cortical Mechanisms to the Maturation of Orientation Selectivity in Parvalbumin Interneurons. <i>Journal of Neuroscience</i> , 2017, 37, 820-829.	3.6	2
7	Hindered cytoplasmic diffusion of inositol trisphosphate restricts its cellular range of action. <i>Science Signaling</i> , 2016, 9, ra108.	3.6	55
8	Imaging Local Ca ²⁺ Signals in Cultured Mammalian Cells. <i>Journal of Visualized Experiments</i> , 2015, .	0.3	14
9	Spinning-Spot Shadowless TIRF Microscopy. <i>PLoS ONE</i> , 2015, 10, e0136055.	2.5	36
10	An algorithm for automated detection, localization and measurement of local calcium signals from camera-based imaging. <i>Cell Calcium</i> , 2014, 56, 147-156.	2.4	70
11	Mefloquine effects on ventral tegmental area dopamine and GABA neuron inhibition: A physiologic role for connexin36 GAP junctions. <i>Synapse</i> , 2011, 65, 804-813.	1.2	26