

Kyle L Ellefsen

List of Publications by Year in descending order

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papers

434
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933447

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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	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
3	Hindered cytoplasmic diffusion of inositol trisphosphate restricts its cellular range of action. <i>Science Signaling</i> , 2016, 9, ra108.	3.6	55
4	Spinning-Spot Shadowless TIRF Microscopy. <i>PLoS ONE</i> , 2015, 10, e0136055.	2.5	36
5	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
6	Mefloquine effects on ventral tegmental area dopamine and GABA neuron inhibition: A physiologic role for connexin ³⁶ GAP junctions. <i>Synapse</i> , 2011, 65, 804-813.	1.2	26
7	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
8	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
9	Imaging Local Ca ²⁺ Signals in Cultured Mammalian Cells. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	14
10	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
11	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