

Jeffrey T Lock

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7909733/publications.pdf>

Version: 2024-02-01

16
papers

538
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of fluorescent Ca ²⁺ indicators for imaging local Ca ²⁺ signals in cultured cells. <i>Cell Calcium</i> , 2015, 58, 638-648.	2.4	159
2	Protein S-glutathionylation enhances Ca ²⁺ -induced Ca ²⁺ release via the IP ₃ receptor in cultured aortic endothelial cells. <i>Journal of Physiology</i> , 2012, 590, 3431-3447.	2.9	54
3	All three IP ₃ receptor isoforms generate Ca ²⁺ puffs that display similar characteristics. <i>Science Signaling</i> , 2018, 11, .	3.6	53
4	Effect of protein S-glutathionylation on Ca ²⁺ homeostasis in cultured aortic endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H493-H506.	3.2	51
5	Communication of Ca ²⁺ signals via tunneling membrane nanotubes is mediated by transmission of inositol trisphosphate through gap junctions. <i>Cell Calcium</i> , 2016, 60, 266-272.	2.4	48
6	IP ₃ mediated global Ca ²⁺ signals arise through two temporally and spatially distinct modes of Ca ²⁺ release. <i>ELife</i> , 2020, 9, .	6.0	34
7	Phosphoinositide Binding Differentially Regulates NHE1 Na ⁺ /H ⁺ Exchanger-dependent Proximal Tubule Cell Survival. <i>Journal of Biological Chemistry</i> , 2011, 286, 42435-42445.	3.4	28
8	Comparison of Ca ²⁺ puffs evoked by extracellular agonists and photoreleased IP ₃ . <i>Cell Calcium</i> , 2017, 63, 43-47.	2.4	23
9	Spatial-temporal patterning of Ca ²⁺ signals by the subcellular distribution of IP ₃ and IP ₃ receptors. <i>Seminars in Cell and Developmental Biology</i> , 2019, 94, 3-10.	5.0	23
10	ER-luminal [Ca ²⁺] regulation of InsP ₃ receptor gating mediated by an ER-luminal peripheral Ca ²⁺ -binding protein. <i>ELife</i> , 2020, 9, .	6.0	19
11	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
12	Imaging Local Ca ²⁺ Signals in Cultured Mammalian Cells. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	14
13	Elevation of osteopontin levels in brain tumor cells reduces burden and promotes survival through the inhibition of cell dispersal. <i>Journal of Neuro-Oncology</i> , 2008, 86, 285-296.	2.9	8
14	Termination of Ca ²⁺ puffs during IP ₃ -evoked global Ca ²⁺ signals. <i>Cell Calcium</i> , 2021, 100, 102494.	2.4	4
15	Effect of diamide-induced oxidative stress on Ca ²⁺ signaling in cultured bovine aortic endothelial cells (BAEC). <i>FASEB Journal</i> , 2010, 24, 1048.6.	0.5	1
16	Subcellular Ca ²⁺ Puffs Mediated By Different Inositol Trisphosphate Receptor Isoforms. <i>FASEB Journal</i> , 2018, 32, 750.33.	0.5	1