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List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8953557/publications.pdf

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26 papers	1,214 citations	623188 14 h-index	552369 26 g-index
28 all docs	28 docs citations	28 times ranked	1996 citing authors

#	Article	IF	Citations
1	Familial Alzheimerâ€™s disease presenilin-2 mutants affect Ca2+ homeostasis and brain network excitability. Aging Clinical and Experimental Research, 2021, 33, 1705-1708.	1.4	7
2	The yin and yang of mitochondrial Ca2+ signaling in cell physiology and pathology. Cell Calcium, 2021, 93, 102321.	1.1	14
3	Calcium Signaling and Mitochondrial Function in Presenilin 2 Knock-Out Mice: Looking for Any Loss-of-Function Phenotype Related to Alzheimerâ€™s Disease. Cells, 2021, 10, 204.	1.8	10
4	A New Transgenic Mouse Line for Imaging Mitochondrial Calcium Signals. Function, 2021, 2, zqab012.	1.1	6
5	Neuronal cell-based high-throughput screen for enhancers of mitochondrial function reveals luteolin as a modulator of mitochondria-endoplasmic reticulum coupling. BMC Biology, 2021, 19, 57.	1.7	21
6	Generation and Characterization of a New FRET-Based Ca2+ Sensor Targeted to the Nucleus. International Journal of Molecular Sciences, 2021, 22, 9945.	1.8	2
7	Biosensors for detection of calcium. Methods in Cell Biology, 2020, 155, 337-368.	0.5	12
8	Presenilin-2 and Calcium Handling: Molecules, Organelles, Cells and Brain Networks. Cells, 2020, 9, 2166.	1.8	21
9	ORAI2 Down-Regulation Potentiates SOCE and Decreases AÎ²42 Accumulation in Human Neuroglioma Cells. International Journal of Molecular Sciences, 2020, 21, 5288.	1.8	14
10	Live Mitochondrial or Cytosolic Calcium Imaging Using Genetically-encoded Cameleon Indicator in Mammalian Cells. Bio-protocol, 2020, 10, e3504.	0.2	1
11	Intracellular Calcium Dysregulation by the Alzheimerâ€™s Disease-Linked Protein Presenilin 2. International Journal of Molecular Sciences, 2020, 21, 770.	1.8	42
12	Exploiting Cameleon Probes to Investigate Organelles Ca2+ Handling. Methods in Molecular Biology, 2019, 1925, 15-30.	0.4	2
13	mCerulean3-Based Cameleon Sensor to Explore Mitochondrial Ca2+ Dynamics InÂVivo. IScience, 2019, 16, 340-355.	1.9	15
14	Familial Alzheimerâ€™s disease-linked presenilin mutants and intracellular Ca2+ handling: A single-organelle, FRET-based analysis. Cell Calcium, 2019, 79, 44-56.	1.1	48
15	Highlighting the endoplasmic reticulum-mitochondria connection: Focus on Mitofusin 2. Pharmacological Research, 2018, 128, 42-51.	3.1	63
16	The Trans Golgi Region is a Labile Intracellular Ca2+ Store Sensitive to Emetine. Scientific Reports, 2018, 8, 17143.	1.6	8
17	Exploring cells with targeted biosensors. Journal of General Physiology, 2017, 149, 1-36.	0.9	55
18	Optogenetic control of mitochondrial metabolism and Ca ²⁺ signaling by mitochondria-targeted opsins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5167-E5176.	3.3	52

#	Article	IF	Citations
19	On the role of Mitofusin 2 in endoplasmic reticulumâ€“mitochondria tethering. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2266-E2267.	3.3	50
20	Characterization of the ER-Targeted Low Affinity Ca2+ Probe D4ER. Sensors, 2016, 16, 1419.	2.1	32
21	Presenilin 2 Modulates Endoplasmic Reticulum-Mitochondria Coupling by Tuning the Antagonistic Effect of Mitofusin 2. Cell Reports, 2016, 15, 2226-2238.	2.9	138
22	FLIM-FRET analysis using Ca²⁺ sensors in HeLa cells. , 2015, , .		0
23	Spying on organelle Ca2+ in living cells: the mitochondrial point of view. Journal of Endocrinological Investigation, 2015, 38, 39-45.	1.8	22
24	Mitofusin 2 ablation increases endoplasmic reticulumâ€“mitochondria coupling. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2174-81.	3.3	449
25	The elusive importance of being a mitochondrial Ca2+ uniporter. Cell Calcium, 2014, 55, 139-145.	1.1	84
26	Ca²⁺ and cAMP crossâ€talk in mitochondria. Journal of Physiology, 2014, 592, 305-312.	1.3	41