Yan Qin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8923627/publications.pdf

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19	1,187	623188	839053
papers	citations	14	18
		h-index	g-index

20	20	20	1671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Foldamers reveal and validate therapeutic targets associated with toxic Î±-synuclein self-assembly. Nature Communications, 2022, 13, 2273.	5.8	14
2	A protocol to measure lysosomal Zn2+ release through a genetically encoded Zn2+ indicator. STAR Protocols, 2022, 3, 101453.	0.5	1
3	Spontaneous, synchronous zinc spikes oscillate with neural excitability and calcium spikes in primary hippocampal neuron culture. Journal of Neurochemistry, 2021, 157, 1838-1849.	2.1	10
4	Sub-nanomolar sensitive GZnP3 reveals TRPML1-mediated neuronal Zn2+ signals. Nature Communications, 2019, 10, 4806.	5.8	27
5	Optical Recording of Zn²⁺ Dynamics in the Mitochondrial Matrix and Intermembrane Space with the GZnP2 Sensor. ACS Chemical Biology, 2018, 13, 1897-1905.	1.6	31
6	Optical Recording of Cellular Zinc Dynamics with Zinc-Finger-Based Biosensors. Methods in Molecular Biology, 2018, 1867, 103-112.	0.4	1
7	Droplet Microfluidic Flow Cytometer For Sorting On Transient Cellular Responses Of Genetically-Encoded Sensors. Analytical Chemistry, 2017, 89, 711-719.	3.2	41
8	Current Methods Used to Probe and Quantify Intracellular Total and Free Zn(II) Dynamics, and Subcellular Distribution in Cultured Neurons. Neuromethods, 2017, , 195-224.	0.2	0
9	Development of an Optical Zn²⁺ Probe Based on a Single Fluorescent Protein. ACS Chemical Biology, 2016, 11, 2744-2751.	1.6	36
10	Direct Comparison of a Genetically Encoded Sensor and Small Molecule Indicator: Implications for Quantification of Cytosolic Zn²⁺. ACS Chemical Biology, 2013, 8, 2366-2371.	1.6	80
11	Hepatitis B virus X protein targets Bcl-2 proteins to increase intracellular calcium, required for virus replication and cell death induction. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18471-18476.	3.3	75
12	Differential Effects of Procaspase-3 Activating Compounds in the Induction of Cancer Cell Death. Molecular Pharmaceutics, 2012, 9, 1425-1434.	2.3	34
13	Visualizing metal ions in cells: An overview of analytical techniques, approaches, and probes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1406-1415.	1.9	125
14	New Sensors for Quantitative Measurement of Mitochondrial Zn²⁺. ACS Chemical Biology, 2012, 7, 1636-1640.	1.6	92
15	New Alternately Colored FRET Sensors for Simultaneous Monitoring of Zn2+ in Multiple Cellular Locations. PLoS ONE, 2012, 7, e49371.	1.1	77
16	Design and application of genetically encoded biosensors. Trends in Biotechnology, 2011, 29, 144-152.	4.9	213
17	Measuring steady-state and dynamic endoplasmic reticulum and Golgi Zn ²⁺ with genetically encoded sensors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7351-7356.	3.3	271
18	Silencing of ZnT1 reduces Zn2+ efflux in cultured cortical neurons. Neuroscience Letters, 2009, 450, 206-210.	1.0	40

#	Article	IF	Citations
19	Mechanisms of Zn²⁺ efflux in cultured cortical neurons. Journal of Neurochemistry, 2008, 107, 1304-1313.	2.1	19