

Yan Qin

List of Publications by Year in descending order

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

Version: 2024-02-01

19
papers

1,187
citations

623188

14
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

1671
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Design and application of genetically encoded biosensors. Trends in Biotechnology, 2011, 29, 144-152. | 4.9 | 213 |
| 3 | 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 |
| 4 | New Sensors for Quantitative Measurement of Mitochondrial Zn ²⁺ . ACS Chemical Biology, 2012, 7, 1636-1640. | 1.6 | 92 |
| 5 | Direct Comparison of a Genetically Encoded Sensor and Small Molecule Indicator: Implications for Quantification of Cytosolic Zn ²⁺ . ACS Chemical Biology, 2013, 8, 2366-2371. | 1.6 | 80 |
| 6 | New Alternately Colored FRET Sensors for Simultaneous Monitoring of Zn ²⁺ in Multiple Cellular Locations. PLoS ONE, 2012, 7, e49371. | 1.1 | 77 |
| 7 | 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 |
| 8 | Droplet Microfluidic Flow Cytometer For Sorting On Transient Cellular Responses Of Genetically-Encoded Sensors. Analytical Chemistry, 2017, 89, 711-719. | 3.2 | 41 |
| 9 | Silencing of ZnT1 reduces Zn ²⁺ efflux in cultured cortical neurons. Neuroscience Letters, 2009, 450, 206-210. | 1.0 | 40 |
| 10 | Development of an Optical Zn ²⁺ Probe Based on a Single Fluorescent Protein. ACS Chemical Biology, 2016, 11, 2744-2751. | 1.6 | 36 |
| 11 | Differential Effects of Procaspase-3 Activating Compounds in the Induction of Cancer Cell Death. Molecular Pharmaceutics, 2012, 9, 1425-1434. | 2.3 | 34 |
| 12 | Optical Recording of Zn ²⁺ Dynamics in the Mitochondrial Matrix and Intermembrane Space with the GZnP2 Sensor. ACS Chemical Biology, 2018, 13, 1897-1905. | 1.6 | 31 |
| 13 | Sub-nanomolar sensitive GZnP3 reveals TRPML1-mediated neuronal Zn ²⁺ signals. Nature Communications, 2019, 10, 4806. | 5.8 | 27 |
| 14 | Mechanisms of Zn ²⁺ efflux in cultured cortical neurons. Journal of Neurochemistry, 2008, 107, 1304-1313. | 2.1 | 19 |
| 15 | Foldamers reveal and validate therapeutic targets associated with toxic $\hat{\pm}$ -synuclein self-assembly. Nature Communications, 2022, 13, 2273. | 5.8 | 14 |
| 16 | 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 |
| 17 | Optical Recording of Cellular Zinc Dynamics with Zinc-Finger-Based Biosensors. Methods in Molecular Biology, 2018, 1867, 103-112. | 0.4 | 1 |
| 18 | A protocol to measure lysosomal Zn ²⁺ release through a genetically encoded Zn ²⁺ indicator. STAR Protocols, 2022, 3, 101453. | 0.5 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Current Methods Used to Probe and Quantify Intracellular Total and Free Zn(II) Dynamics, and Subcellular Distribution in Cultured Neurons. <i>Neuromethods</i> , 2017, , 195-224. | 0.2 | 0 |