

Tony Schmidt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1814949/publications.pdf>

Version: 2024-02-01

11
papers

215
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Optoelectronic control of single cells using organic photocapacitors. <i>Science Advances</i> , 2019, 5, eaav5265.	10.3	82
2	Sequential activation of STIM1 links Ca ²⁺ with luminal domain unfolding. <i>Science Signaling</i> , 2019, 12, .	3.6	32
3	Blockage of Store-Operated Ca ²⁺ Influx by Synta66 is Mediated by Direct Inhibition of the Ca ²⁺ Selective Orai1 Pore. <i>Cancers</i> , 2020, 12, 2876.	3.7	30
4	Luminal STIM1 Mutants that Cause Tubular Aggregate Myopathy Promote Autophagic Processes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4410.	4.1	20
5	STIM1 and Orai1 regulate Ca ²⁺ microdomains for activation of transcription. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1079-1091.	4.1	13
6	Potassium ions promote hexokinase-II dependent glycolysis. <i>IScience</i> , 2021, 24, 102346.	4.1	12
7	Immobilization of Recombinant Fluorescent Biosensors Permits Imaging of Extracellular Ion Signals. <i>ACS Sensors</i> , 2021, 6, 3994-4000.	7.8	10
8	Mechanistic insights into the Orai channel by molecular dynamics simulations. <i>Seminars in Cell and Developmental Biology</i> , 2019, 94, 50-58.	5.0	9
9	Light Stimulation of Neurons on Organic Photocapacitors Induces Action Potentials with Millisecond Precision. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	7
10	Targeted Chemotherapy: Targeted Chemotherapy of Glioblastoma Spheroids with an Iontronic Pump (<i>Adv. Mater. Technol.</i> 5/2021). <i>Advanced Materials Technologies</i> , 2021, 6, 2170026.	5.8	0
11	Modeling External Stimulation of Excitable Cells Using a Novel Light-Activated Organic Semiconductor Technology. <i>Studies in Health Technology and Informatics</i> , 2020, 271, 9-16.	0.3	0