

Yulia G Ermakova

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,227
citations

516710

16
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713466

21
g-index

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all docs

21
docs citations

21
times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane-Permeant, Bioactivatable Coumarin Derivatives for In-Cell Labelling. <i>ChemBioChem</i> , 2022, 23, e202100699.	2.6	4
2	In vivo dynamics of acidosis and oxidative stress in the acute phase of an ischemic stroke in a rodent model. <i>Redox Biology</i> , 2021, 48, 102178.	9.0	22
3	Two- and three-photon absorption cross-section characterization for high-brightness, cell-specific multiphoton fluorescence brain imaging. <i>Journal of Biophotonics</i> , 2020, 13, e201900243.	2.3	18
4	Ultrasensitive Genetically Encoded Indicator for Hydrogen Peroxide Identifies Roles for the Oxidant in Cell Migration and Mitochondrial Function. <i>Cell Metabolism</i> , 2020, 31, 642-653.e6.	16.2	202
5	Slowly Reducible Genetically Encoded Green Fluorescent Indicator for In Vivo and Ex Vivo Visualization of Hydrogen Peroxide. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3138.	4.1	24
6	Nitrobenzyl-based fluorescent photocages for spatial and temporal control of signalling lipids in cells. <i>Chemical Communications</i> , 2019, 55, 12288-12291.	4.1	13
7	Visualization of Intracellular Hydrogen Peroxide with the Genetically Encoded Fluorescent Probe HyPer in NIH-3T3 Cells. <i>Methods in Molecular Biology</i> , 2019, 1982, 259-274.	0.9	5
8	Pyridine analogue of fluorescent protein chromophore: Fluorogenic dye suitable for mitochondria staining. <i>Dyes and Pigments</i> , 2019, 170, 107550.	3.7	15
9	Which Antioxidant System Shapes Intracellular H_2O_2 Gradients?. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 664-670.	5.4	42
10	Red fluorescent redox-sensitive biosensor Grx1-roCherry. <i>Redox Biology</i> , 2019, 21, 101071.	9.0	26
11	SypHer3s: a genetically encoded fluorescent ratiometric probe with enhanced brightness and an improved dynamic range. <i>Chemical Communications</i> , 2018, 54, 2898-2901.	4.1	52
12	Pyridinium Analogues of Green Fluorescent Protein Chromophore: Fluorogenic Dyes with Large Solvent-Dependent Stokes Shift. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1958-1963.	4.6	37
13	Thermogenetic stimulation of single neocortical pyramidal neurons transfected with TRPV1-L channels. <i>Neuroscience Letters</i> , 2018, 687, 153-157.	2.1	6
14	Thermogenetic neurostimulation with single-cell resolution. <i>Nature Communications</i> , 2017, 8, 15362.	12.8	55
15	Fiber-optic electron-spin-resonance thermometry of single laser-activated neurons. <i>Optics Letters</i> , 2016, 41, 5563.	3.3	27
16	Fiber-optic control and thermometry of single-cell thermosensation logic. <i>Scientific Reports</i> , 2015, 5, 15737.	3.3	45
17	Microwave-induced thermogenetic activation of single cells. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	22
18	Fluorescent ratiometric pH indicator SypHer2: Applications in neuroscience and regenerative biology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2318-2328.	2.4	72

#	ARTICLE	IF	CITATIONS
19	The \sim mitoflash \sim^{TM} probe cpYFP does not respond to superoxide. Nature, 2014, 514, E12-E14.	27.8	109
20	Red fluorescent genetically encoded indicator for intracellular hydrogen peroxide. Nature Communications, 2014, 5, 5222.	12.8	207
21	HyPer-3: A Genetically Encoded H_{2}O_{2} Probe with Improved Performance for Ratiometric and Fluorescence Lifetime Imaging. ACS Chemical Biology, 2013, 8, 535-542.	3.4	224