

Natalia V Barykina

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

208
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	A new design for a green calcium indicator with a smaller size and a reduced number of calcium-binding sites. <i>Scientific Reports</i> , 2016, 6, 34447.	3.3	35
2	Novel Genetically Encoded Bright Positive Calcium Indicator NCaMP7 Based on the mNeonGreen Fluorescent Protein. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1644.	4.1	33
3	Near-Infrared Genetically Encoded Positive Calcium Indicator Based on GAF-FP Bacterial Phytochrome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3488.	4.1	28
4	NTnC-like genetically encoded calcium indicator with a positive and enhanced response and fast kinetics. <i>Scientific Reports</i> , 2018, 8, 15233.	3.3	24
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	Green fluorescent genetically encoded calcium indicator based on calmodulin/M13-peptide from fungi. <i>PLoS ONE</i> , 2017, 12, e0183757.	2.5	22
7	FGCaMP7, an Improved Version of Fungi-Based Ratiometric Calcium Indicator for In Vivo Visualization of Neuronal Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3012.	4.1	17
8	Suppressed neurogenesis without cognitive deficits. <i>NeuroReport</i> , 2019, 30, 538-543.	1.2	8
9	FRCaMP, a Red Fluorescent Genetically Encoded Calcium Indicator Based on Calmodulin from <i>Schizosaccharomyces Pombe</i> Fungus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 111.	4.1	7
10	Click histochemistry for whole-mount staining of brain structures. <i>MethodsX</i> , 2019, 6, 1986-1991.	1.6	6
11	The whither of bacteriophytochrome-based near-infrared fluorescent proteins: Insights from two-photon absorption spectroscopy. <i>Journal of Biophotonics</i> , 2019, 12, e201800353.	2.3	4