

Andrii A Kaberniuk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1019384/publications.pdf>

Version: 2024-02-01

12
papers

672
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale photoacoustic tomography using reversibly switchable bacterial phytochrome as a near-infrared photochromic probe. <i>Nature Methods</i> , 2016, 13, 67-73.	19.0	206
2	A bacterial phytochrome-based optogenetic system controllable with near-infrared light. <i>Nature Methods</i> , 2016, 13, 591-597.	19.0	181
3	Natural Photoreceptors as a Source of Fluorescent Proteins, Biosensors, and Optogenetic Tools. <i>Annual Review of Biochemistry</i> , 2015, 84, 519-550.	11.1	161
4	Near-infrared light-controlled systems for gene transcription regulation, protein targeting and spectral multiplexing. <i>Nature Protocols</i> , 2018, 13, 1121-1136.	12.0	33
5	Single-component near-infrared optogenetic systems for gene transcription regulation. <i>Nature Communications</i> , 2021, 12, 3859.	12.8	30
6	Optogenetic manipulation and photoacoustic imaging using a near-infrared transgenic mouse model. <i>Nature Communications</i> , 2022, 13, 2813.	12.8	18
7	moxDendra2: an inert photoswitchable protein for oxidizing environments. <i>Chemical Communications</i> , 2017, 53, 2106-2109.	4.1	12
8	moxMaple3: a Photoswitchable Fluorescent Protein for PALM and Protein Highlighting in Oxidizing Cellular Environments. <i>Scientific Reports</i> , 2018, 8, 14738.	3.3	12
9	Statistical analysis of the distribution of the antibody levels to <i>Mycobacterium bovis</i> antigens for bovine tuberculosis diagnostics. <i>Cytology and Genetics</i> , 2010, 44, 280-285.	0.5	4
10	Construction of bifunctional molecules specific to antigen and antibody's Fc-fragment by fusion of scFv-antibodies with staphylococcal protein A. <i>Biopolymers and Cell</i> , 2009, 25, 245-249.	0.4	3
11	Expression of <i>Mycobacterium tuberculosis</i> proteins MPT63 and MPT83 as a fusion: purification, refolding and immunological characterization. <i>Journal of Applied Biomedicine</i> , 2012, 10, 169-176.	1.7	1
12	Reversibly switchable photoacoustic tomography using a genetically encoded near-infrared phytochrome. , 2016, , .		1