

Barun Kumar Maity

List of Publications by Year in descending order

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11
papers

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citations

1163117

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10
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11
all docs

11
docs citations

11
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Real time imaging of the excitation volume of a multiphoton microscope. Journal of Optics (United) Tj ETQq1 1 0.784314 rgBJ /Overlo	2.2	0
2	Altered Membrane Mechanics Provides a Receptor-Independent Pathway for Serotonin Action. Chemistry - A European Journal, 2021, 27, 7533-7541.	3.3	20
3	Ordered and Disordered Segments of Amyloid- β^2 Drive Sequential Steps of the Toxic Pathway. ACS Chemical Neuroscience, 2019, 10, 2498-2509.	3.5	21
4	Aggregation-induced conformation changes dictate islet amyloid polypeptide (IAPP) membrane affinity. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1734-1740.	2.6	22
5	Fluorogenic Detection of Monoamine Neurotransmitters in Live Cells. ACS Chemical Neuroscience, 2018, 9, 469-474.	3.5	19
6	Label-free imaging of neurotransmitters in live brain tissue by multi-photon ultraviolet microscopy. Neuronal Signaling, 2018, 2, NS20180132.	3.2	9
7	Fluorescence quenching by lipid encased nanoparticles shows that amyloid- β^2 has a preferred orientation in the membrane. Chemical Communications, 2018, 54, 7750-7753.	4.1	10
8	Stereoisomers Probe Steric Zippers in Amyloid- β^2 . Journal of Physical Chemistry B, 2017, 121, 1835-1842.	2.6	10
9	Major Reaction Coordinates Linking Transient Amyloid- β^2 Oligomers to Fibrils Measured at Atomic Level. Biophysical Journal, 2017, 113, 805-816.	0.5	32
10	Label-Free Ratiometric Imaging of Serotonin in Live Cells. ACS Chemical Neuroscience, 2017, 8, 2369-2373.	3.5	15
11	Photophysical effects of nitric oxide and S-nitrosocysteine on acridine orange: use as sequential sensing platform for NO, cysteine, cysteine-NO and Hg ²⁺ under physiological conditions. Analytical Methods, 2014, 6, 347-350.	2.7	8