

Barun Kumar Maity

List of Publications by Year in descending order

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11
papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Major Reaction Coordinates Linking Transient Amyloid- β^2 Oligomers to Fibrils Measured at Atomic Level. <i>Biophysical Journal</i> , 2017, 113, 805-816.	0.5	32
2	Aggregation-induced conformation changes dictate islet amyloid polypeptide (IAPP) membrane affinity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1734-1740.	2.6	22
3	Ordered and Disordered Segments of Amyloid- β^2 Drive Sequential Steps of the Toxic Pathway. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2498-2509.	3.5	21
4	Altered Membrane Mechanics Provides a Receptor-Independent Pathway for Serotonin Action. <i>Chemistry - A European Journal</i> , 2021, 27, 7533-7541.	3.3	20
5	Fluorogenic Detection of Monoamine Neurotransmitters in Live Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 469-474.	3.5	19
6	Label-Free Ratiometric Imaging of Serotonin in Live Cells. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2369-2373.	3.5	15
7	Stereoisomers Probe Steric Zippers in Amyloid- β^2 . <i>Journal of Physical Chemistry B</i> , 2017, 121, 1835-1842.	2.6	10
8	Fluorescence quenching by lipid encased nanoparticles shows that amyloid- β^2 has a preferred orientation in the membrane. <i>Chemical Communications</i> , 2018, 54, 7750-7753.	4.1	10
9	Label-free imaging of neurotransmitters in live brain tissue by multi-photon ultraviolet microscopy. <i>Neuronal Signaling</i> , 2018, 2, NS20180132.	3.2	9
10	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. <i>Analytical Methods</i> , 2014, 6, 347-350.	2.7	8
11	Real time imaging of the excitation volume of a multiphoton microscope. <i>Journal of Optics (United Kingdom)</i> 11, 074314	2.2	0