Swapna Bera

List of Publications by Year
in descending order

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9 papers	283 citations	1163117 8 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	606 citing authors

#	Article	IF	Citations
1	Enhanced stability and activity of an antimicrobial peptide in conjugation with silver nanoparticle. Journal of Colloid and Interface Science, 2016, 483, 385-393.	9.4	97
2	Probing transient non-native states in amyloid beta fiber elongation by NMR. Chemical Communications, 2019, 55, 4483-4486.	4.1	46
3	Inhibition and Degradation of Amyloid Beta (AÎ²40) Fibrillation by Designed Small Peptide: A Combined Spectroscopy, Microscopy, and Cell Toxicity Study. ACS Chemical Neuroscience, 2017, 8, 718-722.	3.5	44
4	Structural Elucidation of the Cell-Penetrating Penetratin Peptide in Model Membranes at the Atomic Level: Probing Hydrophobic Interactions in the Bloodâ€“Brain Barrier. Biochemistry, 2016, 55, 4982-4996.	2.5	24
5	Probing the role of Proline in the antimicrobial activity and lipopolysaccharide binding of indolicidin. Journal of Colloid and Interface Science, 2015, 452, 148-159.	9.4	22
6	Comparison of Synthetic Neuronal Model Membrane Mimics in Amyloid Aggregation at Atomic Resolution. ACS Chemical Neuroscience, 2020, 11, 1965-1977.	3.5	18
7	Biophysical insights into the membrane interaction of the core amyloid-forming AÎ²₄₀fragment K16â€“K28 and its role in the pathogenesis of Alzheimer's disease. Physical Chemistry Chemical Physics, 2016, 18, 16890-16901.	2.8	16
8	NMR structure and binding of esculentin-1a (1â€“21)NH 2 and its diastereomer to lipopolysaccharide: Correlation with biological functions. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 800-812.	2.6	16
9	Cell-Penetrating Peptides as Theranostics Against Impaired Blood-Brain Barrier Permeability: Implications for Pathogenesis and Therapeutic Treatment of Neurodegenerative Disease. Neuromethods, 2019, , 115-136.	0.3	0