

# Swapna Bera

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11700651/publications.pdf>

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606  
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#	ARTICLE	IF	CITATIONS
1	Comparison of Synthetic Neuronal Model Membrane Mimics in Amyloid Aggregation at Atomic Resolution. ACS Chemical Neuroscience, 2020, 11, 1965-1977.	3.5	18
2	Probing transient non-native states in amyloid beta fiber elongation by NMR. Chemical Communications, 2019, 55, 4483-4486.	4.1	46
3	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
4	Inhibition and Degradation of Amyloid Beta (A $\beta$ 240) Fibrillation by Designed Small Peptide: A Combined Spectroscopy, Microscopy, and Cell Toxicity Study. ACS Chemical Neuroscience, 2017, 8, 718-722.	3.5	44
5	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
6	Structural Elucidation of the Cell-Penetrating Penetratin Peptide in Model Membranes at the Atomic Level: Probing Hydrophobic Interactions in the Blood-Brain Barrier. Biochemistry, 2016, 55, 4982-4996.	2.5	24
7	Biophysical insights into the membrane interaction of the core amyloid-forming A $\beta$ 240 fragment K16-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 (1-21)NH <sub>2</sub> and its diastereomer to lipopolysaccharide: Correlation with biological functions. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 800-812.	2.6	16
9	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