

Subhadip Senapati

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

330
citations

840728

11
h-index

839512

18
g-index

21
all docs

21
docs citations

21
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress in Molecular Recognition Imaging Using Atomic Force Microscopy. <i>Accounts of Chemical Research</i> , 2016, 49, 503-510.	15.6	55
2	Application of Catalyst-Free Click Reactions in Attaching Affinity Molecules to Tips of Atomic Force Microscopy for Detection of Protein Biomarkers. <i>Langmuir</i> , 2013, 29, 14622-14630.	3.5	32
3	Effect of dietary docosahexaenoic acid on rhodopsin content and packing in photoreceptor cell membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1403-1413.	2.6	31
4	Microenvironment stiffness requires decellularized cardiac extracellular matrix to promote heart regeneration in the neonatal mouse heart. <i>Acta Biomaterialia</i> , 2020, 113, 380-392.	8.3	31
5	Rhodopsin Forms Nanodomains in Rod Outer Segment Disc Membranes of the Cold-Blooded <i>Xenopus laevis</i> . <i>PLoS ONE</i> , 2015, 10, e0141114.	2.5	26
6	Differentiating between Inactive and Active States of Rhodopsin by Atomic Force Microscopy in Native Membranes. <i>Analytical Chemistry</i> , 2019, 91, 7226-7235.	6.5	25
7	Solution-state conformation and stoichiometry of yeast Sir3 heterochromatin fibres. <i>Nature Communications</i> , 2014, 5, 4751.	12.8	19
8	Adaptations in rod outer segment disc membranes in response to environmental lighting conditions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1691-1702.	4.1	19
9	SIR proteins create compact heterochromatin fibers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12447-12452.	7.1	17
10	Exogenous extracellular matrix proteins decrease cardiac fibroblast activation in stiffening microenvironment through CAPG. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 159, 105-119.	1.9	16
11	A Three-Arm Scaffold Carrying Affinity Molecules for Multiplex Recognition Imaging by Atomic Force Microscopy: The Synthesis, Attachment to Silicon Tips, and Detection of Proteins. <i>Journal of the American Chemical Society</i> , 2015, 137, 7415-7423.	13.7	12
12	Monosialoganglioside-Containing Nanoliposomes Restore Endothelial Function Impaired by AL Amyloidosis Light Chain Proteins. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	10
13	Investigating the Nanodomain Organization of Rhodopsin in Native Membranes by Atomic Force Microscopy. <i>Methods in Molecular Biology</i> , 2019, 1886, 61-74.	0.9	8
14	Loss of PRCD alters number and packaging density of rhodopsin in rod photoreceptor disc membranes. <i>Scientific Reports</i> , 2020, 10, 17885.	3.3	7
15	Traceless Staudinger Ligation for Biotinylation of Acetylated Thiol-Azido Heterobifunctional Linker and Its Attachment to Gold Surface. <i>Current Organic Chemistry</i> , 2018, 22, 411-415.	1.6	7
16	Differential adaptations in rod outer segment disc membranes in different models of congenital stationary night blindness. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183396.	2.6	5
17	PEGylated-nanoliposomal clusterin for amyloidogenic light chain-induced endothelial dysfunction. <i>Journal of Liposome Research</i> , 2018, 28, 97-105.	3.3	3
18	A Y-Shaped Three-Arm Structure for Probing Bivalent Interactions between Protein Receptor-Ligand Using AFM and SPR. <i>Langmuir</i> , 2018, 34, 6930-6940.	3.5	3

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19	Microenvironment Stiffness Amplifies Post-ischemia Heart Regeneration in Response to Exogenous Extracellular Matrix Proteins in Neonatal Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 773978.	2.4	3