

Ana M Melo

List of Publications by Year in descending order

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12
papers

267
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1163117

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12
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Scale Integrin Regulation Organizes ECM and Tissue Topology. <i>Developmental Cell</i> , 2015, 34, 33-44.	7.0	73
2	A functional role for intrinsic disorder in the tau-tubulin complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14336-14341.	7.1	66
3	The effect of variable liposome brightness on quantifying lipid-protein interactions using fluorescence correlation spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2559-2568.	2.6	35
4	Exploring homo-FRET to quantify the oligomer stoichiometry of membrane-bound proteins involved in a cooperative partition equilibrium. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18105-18117.	2.8	23
5	Lipid Hydroperoxide Compromises the Membrane Structure Organization and Softens Bending Rigidity. <i>Langmuir</i> , 2021, 37, 9952-9963.	3.5	16
6	Insights into tau function and dysfunction through single-molecule fluorescence. <i>Methods in Cell Biology</i> , 2017, 141, 27-44.	1.1	12
7	Untangling the Conformational Polymorphism of Disordered Proteins Associated With Neurodegeneration at the Single-Molecule Level. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 309.	2.9	10
8	Quantifying Lipid-Protein Interaction by Fluorescence Correlation Spectroscopy (FCS). <i>Methods in Molecular Biology</i> , 2014, 1076, 575-595.	0.9	10
9	Fluorescence Detection of Lipid-Induced Oligomeric Intermediates Involved in Lysozyme Amyloid-Like Fiber Formation Driven by Anionic Membranes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2906-2917.	2.6	8
10	Electrostatically driven lipid-lysozyme mixed fibers display a multilamellar structure without amyloid features. <i>Soft Matter</i> , 2014, 10, 840-850.	2.7	7
11	Interactions of Meibum and Tears with Mucomimetic Polymers: A Hint towards the Interplay between the Layers of the Tear Film. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2747.	4.1	7
12	Exploring the Functional and Structural Impact of Disease-Associated Mutants of Tau. <i>Biophysical Journal</i> , 2017, 112, 316a-317a.	0.5	0