

Maite Paternostre

List of Publications by Year in descending order

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papers

775
citations

840776

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1125743

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all docs

13
docs citations

13
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic organization: Octapeptide self-assembly into nanotubes of viral capsid-like dimension. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10258-10262.	7.1	248
2	Peptide nanotubes: molecular organisations, self-assembly mechanisms and applications. Soft Matter, 2011, 7, 9583.	2.7	140
3	Control of peptide nanotube diameter by chemical modifications of an aromatic residue involved in a single close contact. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7679-7684.	7.1	81
4	Elucidation of the Self-Assembly Pathway of Lanreotide Octapeptide into β^2 -Sheet Nanotubes: Role of Two Stable Intermediates. Journal of the American Chemical Society, 2010, 132, 4230-4241.	13.7	75
5	Molecular Origin of the Self-Assembly of Lanreotide into Nanotubes: A Mutational Approach. Biophysical Journal, 2008, 94, 1782-1795.	0.5	53
6	Spontaneous fibrillation of the native neuropeptide hormone Somatostatin-14. Journal of Structural Biology, 2007, 160, 211-223.	2.8	48
7	Structural Role of Counterions Adsorbed on Self-Assembled Peptide Nanotubes. Journal of the American Chemical Society, 2012, 134, 723-733.	13.7	41
8	Atomic view of the histidine environment stabilizing higher-pH conformations of pH-dependent proteins. Nature Communications, 2015, 6, 7771.	12.8	36
9	Experimental Observation of Double-Walled Peptide Nanotubes and Monodispersity Modeling of the Number of Walls. Langmuir, 2013, 29, 2739-2745.	3.5	16
10	Dynamics of the localization of the plastid terminal oxidase inside the chloroplast. Journal of Experimental Botany, 2020, 71, 2661-2669.	4.8	14
11	Lamination and spherulite-like compaction of a hormone's native amyloid-like nanofibrils: spectroscopic insights into key interactions. Faraday Discussions, 2013, 166, 163.	3.2	13
12	Systematic Method for the Exploration, Representation, and Classification of the Diphenylalanine Solvatomorphic Space. Journal of Physical Chemistry B, 2021, 125, 9454-9466.	2.6	6
13	Organic Nanoscrolls from Electrostatic Interactions between Peptides and Lipids: Assembly Steps and Structure. Langmuir, 2019, 35, 10648-10657.	3.5	4