

Michael S Pacella

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1877874/publications.pdf>

Version: 2024-02-01

13
papers

1,927
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2823
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction to "The Rosetta All-Atom Energy Function for Macromolecular Modeling and Design", Journal of Chemical Theory and Computation, 2022, 18, 4594-4594.	5.3	4
2	Growth and site-specific organization of micron-scale biomolecular devices on living mammalian cells. Nature Communications, 2021, 12, 5729.	12.8	6
3	Characterizing the length-dependence of DNA nanotube end-to-end joining rates. Molecular Systems Design and Engineering, 2020, 5, 544-558.	3.4	2
4	Reconfiguring DNA Nanotube Architectures <i>via</i> Selective Regulation of Terminating Structures. ACS Nano, 2020, 14, 13451-13462.	14.6	14
5	Macromolecular modeling and design in Rosetta: recent methods and frameworks. Nature Methods, 2020, 17, 665-680.	19.0	513
6	A Parametric Rosetta Energy Function Analysis with LK Peptides on SAM Surfaces. Langmuir, 2018, 34, 5279-5289.	3.5	4
7	Nanostructure, osteopontin, and mechanical properties of calcitic avian eggshell. Science Advances, 2018, 4, eaar3219.	10.3	86
8	A Benchmarking Study of Peptide-Biomaterial Interactions. Crystal Growth and Design, 2018, 18, 607-616.	3.0	12
9	Chiral switching in biomaterial suprastructures induced by homochiral α -amino acid. Science Advances, 2018, 4, eaas9819.	10.3	41
10	Chiral acidic amino acids induce chiral hierarchical structure in calcium carbonate. Nature Communications, 2017, 8, 15066.	12.8	129
11	The Rosetta All-Atom Energy Function for Macromolecular Modeling and Design. Journal of Chemical Theory and Computation, 2017, 13, 3031-3048.	5.3	1,032
12	Using the RosettaSurface Algorithm to Predict Protein Structure at Mineral Surfaces. Methods in Enzymology, 2013, 532, 343-366.	1.0	25
13	Adding Diverse Noncanonical Backbones to Rosetta: Enabling Peptidomimetic Design. PLoS ONE, 2013, 8, e67051.	2.5	59