

Tao Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8637285/publications.pdf>

Version: 2024-02-01

12
papers

598
citations

1162889

8
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-linked siloxane-based copolymer binder with combined hardness and softness for stable silicon anodes in Li-ion batteries. <i>Journal of Materials Science</i> , 2021, 56, 20126-20137.	1.7	4
2	Single-chain heteropolymers transport protons selectively and rapidly. <i>Nature</i> , 2020, 577, 216-220.	13.7	64
3	Random heteropolymers preserve protein function in foreign environments. <i>Science</i> , 2018, 359, 1239-1243.	6.0	196
4	Programmable Fabrication of Multilayer Collagen Nanosheets of Defined Composition. <i>Methods in Molecular Biology</i> , 2018, 1777, 221-232.	0.4	1
5	Structurally Ordered Nanowire Formation from Co-Assembly of DNA Origami and Collagen-Mimetic Peptides. <i>Journal of the American Chemical Society</i> , 2017, 139, 14025-14028.	6.6	59
6	Geometrical frustration as a potential design principle for peptide-based assemblies. <i>Interface Focus</i> , 2017, 7, 20160141.	1.5	8
7	Developing a genetically encoded green fluorescent protein mutant for sensitive light-up fluorescent sensing and cellular imaging of Hg(II). <i>Analytica Chimica Acta</i> , 2015, 876, 77-82.	2.6	19
8	Rational Design of Multilayer Collagen Nanosheets with Compositional and Structural Control. <i>Journal of the American Chemical Society</i> , 2015, 137, 7793-7802.	6.6	40
9	Structurally Homogeneous Nanosheets from Self-Assembly of a Collagen-Mimetic Peptide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8367-8371.	7.2	68
10	Structurally Defined Nanoscale Sheets from Self-Assembly of Collagen-Mimetic Peptides. <i>Journal of the American Chemical Society</i> , 2014, 136, 4300-4308.	6.6	126
11	Microstructure of Thermally Crosslinkable Poly(Ethylene Terephthalate) (Pet-co-Xta) Benzocyclobutene Functionalized Copolymers. <i>Materials Research Society Symposia Proceedings</i> , 1996, 461, 223.	0.1	1
12	Nanospheres from coordination polymers of Ag ⁺ with a highly hydrophilic thiol ligand in situ formed from dynamic covalent binding and a hydrophobic thiol. <i>New Journal of Chemistry</i> , 0, , .	1.4	2