

Tong Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/772837/publications.pdf>

Version: 2024-02-01

10
papers

1,853
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

2358
citing authors

#	ARTICLE	IF	CITATIONS
1	From molecular to macroscopic via the rational design of a self-assembled 3D DNA crystal. <i>Nature</i> , 2009, 461, 74-77.	27.8	859
2	Diamond family of nanoparticle superlattices. <i>Science</i> , 2016, 351, 582-586.	12.6	331
3	Prescribed nanoparticle cluster architectures and low-dimensional arrays built using octahedral DNA origami frames. <i>Nature Nanotechnology</i> , 2015, 10, 637-644.	31.5	243
4	Lattice engineering through nanoparticle-DNA frameworks. <i>Nature Materials</i> , 2016, 15, 654-661.	27.5	198
5	Crystallographic and Electron Microscopic Analyses of a Bacterial Phytochrome Reveal Local and Global Rearrangements during Photoconversion. <i>Journal of Biological Chemistry</i> , 2014, 289, 24573-24587.	3.4	96
6	Mechanistic insights of evaporation-induced actuation in supramolecular crystals. <i>Nature Materials</i> , 2021, 20, 403-409.	27.5	44
7	Photosensing and Thermosensing by Phytochrome B Require Both Proximal and Distal Allosteric Features within the Dimeric Photoreceptor. <i>Scientific Reports</i> , 2017, 7, 13648.	3.3	39
8	Designed and biologically active protein lattices. <i>Nature Communications</i> , 2021, 12, 3702.	12.8	25
9	High Energy and Power Density Peptidoglycan Muscles through Super-Viscous Nanoconfined Water. <i>Advanced Science</i> , 2022, 9, e2104697.	11.2	14
10	Cryo-EM structure of transmembrane AAA+ protease FtsH in the ADP state. <i>Communications Biology</i> , 2022, 5, 257.	4.4	4