

Jiajun Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4340506/publications.pdf>

Version: 2024-02-01

10
papers

552
citations

1040056

9
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Building two-dimensional materials one row at a time: Avoiding the nucleation barrier. <i>Science</i> , 2018, 362, 1135-1139.	12.6	155
2	De novo design of self-assembling helical protein filaments. <i>Science</i> , 2018, 362, 705-709.	12.6	112
3	Design of biologically active binary protein 2D materials. <i>Nature</i> , 2021, 589, 468-473.	27.8	85
4	Antigenically shielded universal red blood cells by polydopamine-based cell surface engineering. <i>Chemical Science</i> , 2014, 5, 3463-3468.	7.4	74
5	Self-Assembling 2D Arrays with <i>de Novo</i> Protein Building Blocks. <i>Journal of the American Chemical Society</i> , 2019, 141, 8891-8895.	13.7	37
6	Phase Transformation Mechanism of Amorphous Calcium Phosphate to Hydroxyapatite Investigated by Liquid-Cell Transmission Electron Microscopy. <i>Crystal Growth and Design</i> , 2021, 21, 5126-5134.	3.0	29
7	Engineering Biomolecular Self-Assembly at Solid-Liquid Interfaces. <i>Advanced Materials</i> , 2021, 33, e1905784.	21.0	25
8	Amyloid-like amelogenin nanoribbons template mineralization via a low-energy interface of ion binding sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2106965119.	7.1	19
9	Effect of Otoconial Proteins Fetuin A, Osteopontin, and Otoconin 90 on the Nucleation and Growth of Calcite. <i>Crystal Growth and Design</i> , 2015, 15, 129-136.	3.0	13
10	Nonclassical Crystallization Pathways in Biomolecular Self-Assembly. <i>ACS Symposium Series</i> , 0, , 89-103.	0.5	0