

Tianyu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

178
citations

1936888

4
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong, Ductile, and Tough Nanocrystal-Assembled Freestanding Gold Nanosheets. <i>Nano Letters</i> , 2022, 22, 822-829.	4.5	13
2	Elastoâ€Capillary Manipulation of Freestanding Inorganic Nanosheets: An Implication for Nanoâ€Manufacturing of Lowâ€Dimensional Structures. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	3
3	Transformation of Freestanding Carbon-Containing Gold Nanosheets into Au Nanoparticles Encapsulated within Amorphous Carbon: Implications for Surface Modification of Complex-Shaped Materials and Structures. <i>ACS Applied Nano Materials</i> , 2021, 4, 5098-5105.	2.4	3
4	Self-Constructed micro-origami of 2D metal. <i>Applied Materials Today</i> , 2021, 23, 101039.	2.3	4
5	3D architected temperature-tolerant organohydrogels with ultra-tunable energy absorption. <i>IScience</i> , 2021, 24, 102789.	1.9	3
6	Etching-Free Ultrafast Fabrication of Self-Rolled Metallic Nanosheets with Controllable Twisting. <i>Nano Letters</i> , 2021, 21, 7159-7165.	4.5	4
7	Low-Cost Scalable Production of Freestanding Two-Dimensional Metallic Nanosheets by Polymer Surface Buckling Enabled Exfoliation. <i>Cell Reports Physical Science</i> , 2020, 1, 100235.	2.8	14
8	Stability and synthesis of 2D metals and alloys: a review. <i>Materials Today Advances</i> , 2020, 8, 100092.	2.5	43
9	Fast surface dynamics enabled cold joining of metallic glasses. <i>Science Advances</i> , 2019, 5, eaax7256.	4.7	87
10	Synthesis of Carboxylic Block Copolymers <i>via</i> Reversible Addition Fragmentation Transfer Polymerization for Tooth Erosion Prevention. <i>Journal of Dental Research</i> , 2014, 93, 1264-1269.	2.5	4