

# Tianyu Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7632688/publications.pdf>

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	Fast surface dynamics enabled cold joining of metallic glasses. <i>Science Advances</i> , 2019, 5, eaax7256.	4.7	87
2	Stability and synthesis of 2D metals and alloys: a review. <i>Materials Today Advances</i> , 2020, 8, 100092.	2.5	43
3	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
4	Strong, Ductile, and Tough Nanocrystal-Assembled Freestanding Gold Nanosheets. <i>Nano Letters</i> , 2022, 22, 822-829.	4.5	13
5	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
6	Self-Constructed micro-origami of 2D metal. <i>Applied Materials Today</i> , 2021, 23, 101039.	2.3	4
7	Etching-Free Ultrafast Fabrication of Self-Rolled Metallic Nanosheets with Controllable Twisting. <i>Nano Letters</i> , 2021, 21, 7159-7165.	4.5	4
8	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
9	3D architected temperature-tolerant organohydrogels with ultra-tunable energy absorption. <i>IScience</i> , 2021, 24, 102789.	1.9	3
10	Elasto-capillary Manipulation of Freestanding Inorganic Nanosheets: An Implication for Nano-manufacturing of Low-dimensional Structures. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	3