

# Xiaobin Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7331323/publications.pdf>

Version: 2024-02-01

15  
papers

752  
citations

758635

12  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice oxygen activation enabled by high-valence metal sites for enhanced water oxidation. Nature Communications, 2020, 11, 4066.	5.8	337
2	Stable nanocrystalline NbMoTaW high entropy alloy thin films with excellent mechanical and electrical properties. Materials Letters, 2018, 210, 84-87.	1.3	83
3	3D printing of titanium-coated gradient composite lattices for lightweight mandibular prosthesis. Composites Part B: Engineering, 2020, 193, 108057.	5.9	67
4	Ultrastrong Al <sub>0.1</sub> CoCrFeNi high-entropy alloys at small scales: effects of stacking faults vs. nanotwins. Nanoscale, 2018, 10, 13329-13334.	2.8	55
5	Hollow medium-entropy alloy nanolattices with ultrahigh energy absorption and resilience. NPG Asia Materials, 2021, 13, .	3.8	34
6	Microalloyed medium-entropy alloy (MEA) composite nanolattices with ultrahigh toughness and cyclability. Materials Today, 2021, 42, 10-16.	8.3	32
7	Heavily twinned CoCrNi medium-entropy alloy with superior strength and crack resistance. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 788, 139591.	2.6	31
8	Nanomechanics of low-dimensional materials for functional applications. Nanoscale Horizons, 2019, 4, 781-788.	4.1	29
9	High elasticity of CsPbBr <sub>3</sub> perovskite nanowires for flexible electronics. Nano Research, 2021, 14, 4033-4037.	5.8	20
10	Three-Dimensional Stretchable Microelectronics by Projection Microstereolithography (PµSL). ACS Applied Materials & Interfaces, 2021, 13, 8901-8908.	4.0	19
11	Annealing-induced abnormal hardening in nanocrystalline NbMoTaW high-entropy alloy thin films. Materials Letters, 2020, 275, 128097.	1.3	15
12	Size dependency in stacking fault-mediated ultrahard high-entropy alloy thin films. Journal of Alloys and Compounds, 2020, 844, 156187.	2.8	13
13	Effect of Zr addition on microstructure and mechanical properties of CoCrFeNiZrx high-entropy alloy thin films. Applied Nanoscience (Switzerland), 2021, 11, 771-776.	1.6	9
14	Nanolayered CoCrFeNi/Graphene Composites with High Strength and Crack Resistance. Nanomaterials, 2022, 12, 2113.	1.9	5
15	Deformation Mechanism of Depositing Amorphous Cu-Ta Alloy Film via Nanoindentation Test. Nanomaterials, 2022, 12, 1022.	1.9	3