

Xiaobin Feng

List of Publications by Year in descending order

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865
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#	ARTICLE	IF	CITATIONS
1	Deformation Mechanism of Depositing Amorphous Cu-Ta Alloy Film via Nanoindentation Test. <i>Nanomaterials</i> , 2022, 12, 1022.	1.9	3
2	Nanolayered CoCrFeNi/Graphene Composites with High Strength and Crack Resistance. <i>Nanomaterials</i> , 2022, 12, 2113.	1.9	5
3	Effect of Zr addition on microstructure and mechanical properties of CoCrFeNiZrx high-entropy alloy thin films. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 771-776.	1.6	9
4	Microalloyed medium-entropy alloy (MEA) composite nanolattices with ultrahigh toughness and cyclability. <i>Materials Today</i> , 2021, 42, 10-16.	8.3	32
5	Three-Dimensional Stretchable Microelectronics by Projection Microstereolithography (P ¹ / ₄ SL). <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8901-8908.	4.0	19
6	High elasticity of CsPbBr ₃ perovskite nanowires for flexible electronics. <i>Nano Research</i> , 2021, 14, 4033-4037.	5.8	20
7	Hollow medium-entropy alloy nanolattices with ultrahigh energy absorption and resilience. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	34
8	Size dependency in stacking fault-mediated ultrahard high-entropy alloy thin films. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156187.	2.8	13
9	Lattice oxygen activation enabled by high-valence metal sites for enhanced water oxidation. <i>Nature Communications</i> , 2020, 11, 4066.	5.8	337
10	Heavily twinned CoCrNi medium-entropy alloy with superior strength and crack resistance. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 788, 139591.	2.6	31
11	Annealing-induced abnormal hardening in nanocrystalline NbMoTaW high-entropy alloy thin films. <i>Materials Letters</i> , 2020, 275, 128097.	1.3	15
12	3D printing of titanium-coated gradient composite lattices for lightweight mandibular prosthesis. <i>Composites Part B: Engineering</i> , 2020, 193, 108057.	5.9	67
13	Nanomechanics of low-dimensional materials for functional applications. <i>Nanoscale Horizons</i> , 2019, 4, 781-788.	4.1	29
14	Stable nanocrystalline NbMoTaW high entropy alloy thin films with excellent mechanical and electrical properties. <i>Materials Letters</i> , 2018, 210, 84-87.	1.3	83
15	Ultrastrong Al _{0.1} CoCrFeNi high-entropy alloys at small scales: effects of stacking faults <i>vs.</i> nanotwins. <i>Nanoscale</i> , 2018, 10, 13329-13334.	2.8	55