

Jinlong Du

List of Publications by Year in descending order

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15
papers

242
citations

1040056

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1058476

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15
docs citations

15
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Superior radiation tolerance via reversible disordering—ordering transition of coherent superlattices. <i>Nature Materials</i> , 2023, 22, 442-449.	27.5	31
2	Studying Plasmon Dispersion of MXene for Enhanced Electromagnetic Absorption. <i>Advanced Materials</i> , 2022, 34, e2201120.	21.0	17
3	Direct alloying of immiscible molybdenum-silver system and its thermodynamic mechanism. <i>Journal of Materials Science and Technology</i> , 2021, 65, 18-28.	10.7	15
4	Four-dimensional vibrational spectroscopy for nanoscale mapping of phonon dispersion in BN nanotubes. <i>Nature Communications</i> , 2021, 12, 1179.	12.8	24
5	Tunable Pore Size from Sub-Nanometer to a Few Nanometers in Large-Area Graphene Nanoporous Atomically Thin Membranes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29926-29935.	8.0	23
6	Measuring phonon dispersion at an interface. <i>Nature</i> , 2021, 599, 399-403.	27.8	47
7	Comparison of Vacancy Sink Efficiency of Cu/V and Cu/Nb Interfaces by the Shared Cu Layer. <i>Materials</i> , 2019, 12, 2628.	2.9	3
8	Irradiation damage alloying for immiscible alloy systems and its thermodynamic origin. <i>Materials and Design</i> , 2019, 170, 107699.	7.0	9
9	Microstructure and properties of metallurgical bonding Mo/Pt/Ag laminated metal matrix composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 743, 675-683.	5.6	8
10	Detwinning through migration of twin boundaries in nanotwinned Cu films under <i>in situ</i> ion irradiation. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 212-220.	6.1	12
11	Building metallurgical bonding interfaces in an immiscible Mo/Cu system by irradiation damage alloying (IDA). <i>Journal of Materials Science and Technology</i> , 2018, 34, 689-694.	10.7	21
12	Ternary MoS ₂ /MoO ₃ /C Nanosheets as High-Performance Anode Materials for Lithium-Ion Batteries. <i>Journal of Electronic Materials</i> , 2018, 47, 6767-6773.	2.2	8
13	Effect of Ball Milling Parameters on the Refinement of Tungsten Powder. <i>Metals</i> , 2018, 8, 281.	2.3	15
14	Synthesis of core—shell structured FAU/SBA-15 composite molecular sieves and their performance in catalytic cracking of polystyrene. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 939-949.	6.1	6
15	Ultraviolet/Visible Quasicylindrical Waves on Semimetal Cd ₃ As ₂ Nanoplates. <i>Advanced Photonics Research</i> , 0, , 2100354.	3.6	3