

Yuan Xiao

List of Publications by Year in descending order

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papers

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1307594

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178
citing authors

#	ARTICLE	IF	CITATIONS
1	Size- and strain rate-dependence of nickel and Ni-Co micropillars with varying stacking fault energy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 800, 140266.	5.6	14
2	Applicability of focused ion beam (FIB) milling with gallium, neon, and xenon to the fracture toughness characterization of gold thin films. <i>Journal of Materials Research</i> , 2021, 36, 2505-2514.	2.6	13
3	Combinatorial investigation of Al-Cu intermetallics using small-scale mechanical testing. <i>Journal of Alloys and Compounds</i> , 2020, 822, 153536.	5.5	24
4	Size-dependent strengthening in multi-principal element, face-centered cubic alloys. <i>Materials and Design</i> , 2020, 193, 108786.	7.0	17
5	Micro-compression studies of face-centered cubic and body-centered cubic high-entropy alloys: Size-dependent strength, strain rate sensitivity, and activation volumes. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 790, 139429.	5.6	48
6	Effect of Al thin film and Ni foil interlayer on diffusion bonded Mg-Al dissimilar joints. <i>Journal of Alloys and Compounds</i> , 2013, 556, 139-142.	5.5	45
7	Effect of Ni interlayer on strength and microstructure of diffusion-bonded Mo/Cu joints. <i>Materials Letters</i> , 2012, 66, 113-116.	2.6	45