

Jie Sun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Study of the Effect of Grain-Boundary Misorientation on Slip Transfer in Magnesium Alloy Using a Misorientation Distribution Map. <i>Crystals</i> , 2022, 12, 388.	1.0	3
2	Investigation of the Wear Behavior of Surface Welding AZ91 and AZ91+Gd Alloys under Variable Loading Conditions. <i>Crystals</i> , 2021, 11, 554.	1.0	4
3	Towards high ductility in magnesium alloys - The role of intergranular deformation. <i>International Journal of Plasticity</i> , 2019, 123, 121-132.	4.1	76
4	Effects of initial {10-12} twins on cyclic deformation and fatigue of magnesium alloy at low strain amplitudes. <i>Materials Characterization</i> , 2019, 149, 118-123.	1.9	17
5	A combined electron backscattered diffraction and visco-plastic self-consistent analysis on the anisotropic deformation behavior in a Mg-Gd-Y alloy. <i>Materials and Design</i> , 2017, 122, 164-171.	3.3	27
6	Microscopic deformation compatibility during monotonic loading in a Mg-Gd-Y alloy. <i>Materials Characterization</i> , 2016, 119, 195-199.	1.9	17
7	In-situ investigation on the microstructure evolution and plasticity of two magnesium alloys during three-point bending. <i>International Journal of Plasticity</i> , 2015, 72, 218-232.	4.1	92
8	A study of fatigue damage development in extruded Mg-Gd-Y magnesium alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 589, 209-216.	2.6	40
9	Asymmetry strain hardening behavior in Mg-3%Al-1%Zn and Mg-8%Gd-3%Y alloy tubes. <i>Materials Letters</i> , 2013, 107, 197-201.	1.3	29