

Cong He

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

484
citations

1307594

7
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1720034

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7
docs citations

7
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative study on the tension-compression yield asymmetry of a Mg-3Al-1Zn alloy with bimodal texture components. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 1680-1693.	11.9	18
2	Origin of profuse {111} deformation twins in Mg-Gd alloys. <i>Scripta Materialia</i> , 2021, 191, 62-66.	5.2	20
3	Unusual solute segregation phenomenon in coherent twin boundaries. <i>Nature Communications</i> , 2021, 12, 722.	12.8	60
4	Development of low-alloyed and rare-earth-free magnesium alloys having ultra-high strength. <i>Acta Materialia</i> , 2018, 149, 350-363.	7.9	287
5	The mechanism for the different effects of texture on yield strength and hardness of Mg alloys. <i>Scientific Reports</i> , 2017, 7, 8647.	3.3	19
6	Effect of dislocation-twin boundary interaction on deformation by twin boundary migration. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 662, 95-99.	5.6	58
7	Effects of Zn additions on the microstructure and hardness of Mg-9Al-6Sn alloy. <i>Materials Characterization</i> , 2016, 113, 214-221.	4.4	22