

Cong He

List of Publications by Year in descending order

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7
papers

484
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of low-alloyed and rare-earth-free magnesium alloys having ultra-high strength. Acta Materialia, 2018, 149, 350-363.	7.9	287
2	Unusual solute segregation phenomenon in coherent twin boundaries. Nature Communications, 2021, 12, 722.	12.8	60
3	Effect of dislocation-twin boundary interaction on deformation by twin boundary migration. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 662, 95-99.	5.6	58
4	Effects of Zn additions on the microstructure and hardness of Mg-9Al-6Sn alloy. Materials Characterization, 2016, 113, 214-221.	4.4	22
5	Origin of profuse $\{11\bar{2}\}$ deformation twins in Mg-Gd alloys. Scripta Materialia, 2021, 191, 62-66.	5.2	20
6	The mechanism for the different effects of texture on yield strength and hardness of Mg alloys. Scientific Reports, 2017, 7, 8647.	3.3	19
7	Quantitative study on the tension-compression yield asymmetry of a Mg-3Al-1Zn alloy with bimodal texture components. Journal of Magnesium and Alloys, 2022, 10, 1680-1693.	11.9	18