

Gaofeng Quan

List of Publications by Year in descending order

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1684188

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#	ARTICLE	IF	CITATIONS
1	Formability, microstructure evolution and mechanical properties of wire arc additively manufactured AZ80M magnesium alloy using gas tungsten arc welding. <i>Journal of Magnesium and Alloys</i> , 2021, 9, 192-201.	11.9	59
2	Effect of heat treatment on the microstructure and mechanical properties of AZ80M magnesium alloy fabricated by wire arc additive manufacturing. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 1930-1940.	11.9	33
3	The semi-solid microstructural evolution and coarsening kinetics of AZ80-0.2Y-0.15Ca magnesium alloy. <i>Materials Characterization</i> , 2019, 154, 116-126.	4.4	32
4	Plastic behavior of AZ80 alloy during low strain rate tension at elevated temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 612, 278-286.	5.6	17
5	Electrochemical behaviors and discharge performance of Mg-Sn binary alloys as anodes for Mg-air batteries. <i>Materials Research Express</i> , 2021, 8, 126531.	1.6	12
6	Effect of 0.4wt% yttrium addition and heat treatment on the high-temperature compression behavior of cast AZ80. <i>Journal of Materials Science</i> , 2019, 54, 5757-5772.	3.7	4
7	The Effect of Equal Channel Angular Pressing on Coarsening Kinetics of AZ80-0.2Y-0.15Ca Alloy in Semisolid State. <i>Advanced Engineering Materials</i> , 2020, 22, 2000415.	3.5	1