

Guangsheng Huang

List of Publications by Year in descending order

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papers

395
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1307594

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243
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation Characterization, Twinning Behavior and Mechanical Properties of Dissimilar Friction-Stir-Welded AM60/AZ31 Alloys Joint During the Three-Point Bending. <i>Acta Metallurgica Sinica (English Letters)</i> , 2022, 35, 727-744.	2.9	8
2	Deformation Behavior of the Mg-Zn-Ca-Ce Alloy Sheets Subjected to Uniaxial and Biaxial Tensile Tests. <i>Metals and Materials International</i> , 2021, 27, 4322-4332.	3.4	3
3	Effect of Zn concentration on microstructure and corrosion resistance of Mg-Zn alloys microalloyed with Ca and Ce. <i>Anti-Corrosion Methods and Materials</i> , 2021, 68, 130-136.	1.5	2
4	Improving Mechanical Properties of Mg-Sc Alloy by Surface AZ31 Layer. <i>Metals</i> , 2021, 11, 2021.	2.3	3
5	Achieving High Ductility in Hot-Rolled Mg-xZn-0.2Ca-0.2Ce Sheet by Zn Addition. <i>Jom</i> , 2020, 72, 1607-1618.	1.9	8
6	Microscopic deformation compatibility during biaxial tension in AZ31 Mg alloy rolled sheet at room temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 756, 1-10.	5.6	13
7	Improvement of mechanical properties and reduction of yield asymmetry of extruded Mg-Sn-Zn alloy through Ca addition. <i>Journal of Alloys and Compounds</i> , 2019, 782, 1076-1086.	5.5	62
8	An investigation on microstructure, texture and formability of AZ31 sheet processed by asymmetric porthole die extrusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 720, 85-97.	5.6	70
9	Influence of stress state on microstructure evolution of AZ31 Mg alloy rolled sheet during deformation at room temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 715, 379-388.	5.6	37
10	Effects of Zn addition on the mechanical properties and texture of extruded Mg-Zn-Ca-Ce magnesium alloy sheets. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 705, 46-54.	5.6	74
11	Deep drawability and drawing behaviour of AZ31 alloy sheets with different initial texture. <i>Journal of Alloys and Compounds</i> , 2014, 615, 302-310.	5.5	53
12	Influence of initial texture on formability of AZ31B magnesium alloy sheets at different temperatures. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1575-1580.	6.3	62