

Sun Neng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microstructure evolution of Zn-0.2Mg-0.8Mn(wt-%) alloys with different initial textures during room-temperature compression. <i>Materials Science and Technology</i> , 2022, 38, 1368-1375.	1.6	1
2	Surface Treatment of Zn-Mn-Mg Alloys by Micro-Arc Oxidation in Silicate-Based Solutions with Different NaF Concentrations. <i>Materials</i> , 2021, 14, 4289.	2.9	6
3	Microstructure evolution of as-extruded Zn-0.62Mn alloys during room temperature compression. <i>Materials Science and Technology</i> , 2021, 37, 930-934.	1.6	3
4	Microstructure and mechanical properties of continuous casting and extrusion Zn-15wt% Al alloys. <i>Materials Letters</i> , 2020, 261, 127090.	2.6	1
5	Effect of extrusion temperature on mechanical properties of as-extruded Zn-22Al alloys. <i>Materials Science and Technology</i> , 2020, 36, 805-810.	1.6	2
6	Atomic-scale HAADF-STEM characterization of an age-hardenable Mg-Cd-Yb alloy. <i>Journal of Alloys and Compounds</i> , 2019, 770, 742-747.	5.5	7
7	Indirectly extruded biodegradable Zn-0.05wt%Mg alloy with improved strength and ductility: In vitro and in vivo studies. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1618-1627.	10.7	137
8	Co-existences of the two types of $\text{L}^{2\alpha}$ precipitations in peak-aged Mg-Gd binary alloy. <i>Journal of Alloys and Compounds</i> , 2018, 738, 32-36.	5.5	41
9	Self-Assembly of Two Unit Cells into a Nanodomain Structure Containing Five-Fold Symmetry. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4373-4378.	4.6	22
10	Magnesium Alloys Strengthened by Nanosaucer Precipitates with Confined New Topologically Close-Packed Structure. <i>Crystal Growth and Design</i> , 2018, 18, 5866-5873.	3.0	14
11	Self-adapted clustering of solute atoms into a confined two-dimensional prismatic platelet with an ellipse-like quasi-unit cell. <i>IUCr</i> , 2018, 5, 823-829.	2.2	10
12	Abnormal effect of Mn addition on the mechanical properties of as-extruded Zn alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 701, 129-133.	5.6	93
13	Room temperature quasi-superplasticity behavior of backward extruded Zn-15Al alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 676, 336-341.	5.6	6
14	Achieving high strength in indirectly-extruded binary Mg-Ca alloy containing Guinier-Preston zones. <i>Journal of Alloys and Compounds</i> , 2015, 630, 272-276.	5.5	39