Sun Neng

List of Publications by Year
in descending order

14 papers	382 citations	1307594 7 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	345 citing authors

#	Article	IF	Citations
1	Indirectly extruded biodegradable Zn-0.05wt%Mg alloy with improved strength and ductility: In vitro and in vivo studies. Journal of Materials Science and Technology, 2018, 34, 1618-1627.	10.7	137
2	Abnormal effect of Mn addition on the mechanical properties of as-extruded Zn alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 701, 129-133.	5.6	93
3	Co-existences of the two types of Î²â€² precipitations in peak-aged Mg-Gd binary alloy. Journal of Alloys and Compounds, 2018, 738, 32-36.	5.5	41
4	Achieving high strength in indirectly-extruded binary Mgâ€“Ca alloy containing Guinierâ€“Preston zones. Journal of Alloys and Compounds, 2015, 630, 272-276.	5.5	39
5	Self-Assembly of Two Unit Cells into a Nanodomain Structure Containing Five-Fold Symmetry. Journal of Physical Chemistry Letters, 2018, 9, 4373-4378.	4.6	22
6	Magnesium Alloys Strengthened by Nanosaucer Precipitates with Confined New Topologically Close-Packed Structure. Crystal Growth and Design, 2018, 18, 5866-5873.	3.0	14
7	Self-adapted clustering of solute atoms into a confined two-dimensional prismatic platelet with an ellipse-like quasi-unit cell. IUCrJ, 2018, 5, 823-829.	2.2	10
8	Atomic-scale HAADF-STEM characterization of an age-hardenable Mg-Cd-Yb alloy. Journal of Alloys and Compounds, 2019, 770, 742-747.	5.5	7
9	Room temperature quasi-superplasticity behavior of backward extruded Znâ€“15Al alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 676, 336-341.	5.6	6
10	Surface Treatment of Zn-Mn-Mg Alloys by Micro-Arc Oxidation in Silicate-Based Solutions with Different NaF Concentrations. Materials, 2021, 14, 4289.	2.9	6
11	Microstructure evolution of as-extruded Znâ€“0.62Mn alloys during room temperature compression. Materials Science and Technology, 2021, 37, 930-934.	1.6	3
12	Effect of extrusion temperature on mechanical properties of as-extruded Znâ€“22Al alloys. Materials Science and Technology, 2020, 36, 805-810.	1.6	2
13	Microstructure and mechanical properties of continuous casting and extrusion Znâ€“15Âwt% Al alloys. Materials Letters, 2020, 261, 127090.	2.6	1
14	Microstructure evolution of Znâ€“0.2Mgâ€“0.8Mn(wt-%) alloys with different initial textures during room-temperature compression. Materials Science and Technology, 2022, 38, 1368-1375.	1.6	1