Li Ziyan

List of Publications by Year
in descending order

27	193	1163117 8	1199594 12
papers	citations	h-index	g-index

27	27	27	205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of Equal Channel Angular Pressing Passes on the Microstructures and Tensile Properties of Mg-8Sn-6Zn-2Al Alloy. Materials, 2017, 10, 708.	2.9	23
2	An Important Factor Affecting the Supercapacitive Properties of Hydrogenated TiO2 Nanotube Arrays: Crystal Structure. Nanoscale Research Letters, 2019, 14, 229.	5.7	18
3	Effect of SiC nanoparticles addition on the microstructures and mechanical properties of ECAPed Mg9Alâ€“1Si alloy. Journal of Materials Research, 2017, 32, 615-623.	2.6	17
4	Synergistic Effect of Second Phase and Grain Size on Electrochemical Discharge Performance of Extruded Mgâ€“9Alâ€“‹i›x‹/i›In Alloys as Anodes for Mgâ€“Air Battery. Advanced Engineering Materials, 2020, 22, 1901332.	3.5	17
5	Microstructure and Tensile Properties of ECAPed Mg-9Al-1Si-1SiC Composites: The Influence of Initial Microstructures. Materials, 2018, 11, 136.	2.9	14
6	Effect of SiC Nanoparticles on Hot Deformation Behavior and Processing Maps of Magnesium Alloy AZ91. Nanomaterials, 2018, 8, 82.	4.1	12
7	Enhanced Stretch Formability of AZ31 Magnesium Alloy Thin Sheet by Induced Precompression and Sequent Annealing. Materials, 2018, 11, 1401.	2.9	10
8	Effect of ECAP temperature on precipitation and strengthening mechanisms of Mgâ€“9Alâ€“1Si alloys. Journal of Materials Research, 2018, 33, 1822-1829.	2.6	10
9	Evolution of Texture and Mechanical Properties of Pure Mg Processed by ECAP at Room Temperature. Jom, 2017, 69, 2297-2301.	1.9	9
10	Microstructure and Mechanical Properties of Pure Magnesium Subjected to Hot Extrusion. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 1193-1196.	1.0	8
11	Synergistic Effect of Grain Size, Î²-Mg17Al12, and Texture on Mechanical Properties of Mg-15Al (wt.%) Magnesium Alloy Processed by Equal Channel Angular Pressing. Journal of Materials Engineering and Performance, 2020, 29, 4360-4369.	2.5	6
12	Microstructure and mechanical properties of ultrafine grained Mg15Al alloy processed by equal-channel angular pressing. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 238-242.	1.0	5
13	Dependence of microstructure characteristics and mechanical properties on nanosize SiCp contents in Mgâ€“9Al matrix composites fabricated by ultrasonic-assisted semisolid powder hot pressing. Journal of Materials Research, 2018, 33, 2689-2699.	2.6	5
14	Microstructural characterizations and mechanical properties of Mg-8Sn-1Al-1Zn-xCu alloys. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 803-807.	1.0	4
15	Microstructure Evolution and Mechanical Properties of Long Period Stacking Ordered Mg96Gd3Ni1 Alloy with Al and Sr Additions. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 2710-2717.	2.2	4
16	Interfacial microstructure and mechanical properties of Al alloy /Mg alloy laminated composite plates fabricated by equal channel angular processing. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 417-421.	1.0	4
17	Effect of Aging on Precipitation Behavior and Pitting Corrosion Resistance of SAF2906 Super Duplex Stainless Steel. Journal of Materials Engineering and Performance, 2017, 26, 4533-4543.	2.5	4
18	Microstructure and Tensile Properties of n-SiCp/Mg-9%Al Composites Prepared by Ultrasonic Assisted Hot Pressing of Powder. Journal of Materials Engineering and Performance, 2017, 26, 1847-1855.	2.5	4

#	Article	IF	Citations
19	Microstructure Evolution and Improved Creep Behavior of Mg-Al-Si Alloy Matrix Composite Reinforced with SiC Nanoparticles. Journal of Materials Engineering and Performance, 2019, 28, 5843-5849.	2.5	4
20	Enhanced Mechanical Properties of ECAPed Mg-9Al-1Si Alloy by a Two-Stage Pretreatment. Jom, 2019, 71, 2178-2186.	1.9	4
21	Hot Deformation Behavior and Microstructure Evolution of a New Near Î² Titanium Alloy Reinforced with Trace TiC_p. Advanced Engineering Materials, 2019, 21, 1800747.	3.5	3
22	Effect of ECAP on the microstructure and mechanical properties of a high-Mg2Si content Al-Mg-Si alloy. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 395-398.	1.0	2
23	Superior creep behavior of n-SiCp/Mgâ€“9%Al composites fabricated by ultrasonic-assisted semi-solid hot pressing of powder. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	2
24	Roles of Silicon Content and Normalization Temperature on Cold Workability and Recrystallization of High-Grade Non-Oriented Silicon Steel. Crystals, 2022, 12, 593.	2.2	2
25	The effect of high Al content on the microstructure and mechanical properties of Mg-xAl alloys processed by equal channel angular pressing. International Journal of Materials Research, 2017, 108, 45-52.	0.3	1
26	Numerical Simulation of Casting Filling Process of Composites Reinforced with Nano SiC Based on Smoothed Particle Hydrodynamics. Journal of Nanoscience and Nanotechnology, 2018, 18, 8169-8177.	0.9	1
27	Effects of temperature field and SiC nanoparticles on microstructure and mechanical properties of n-SiCp/Mg-9 %Al composites fabricated by ultrasonication-assisted semi-solid hot pressing of powder. International Journal of Materials Research, 2019, 110, 231-239.	0.3	0