

# Li Ziyan

## List of Publications by Year in descending order

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27  
papers

193  
citations

1163117

8  
h-index

1199594

12  
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27  
all docs

27  
docs citations

27  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of Silicon Content and Normalization Temperature on Cold Workability and Recrystallization of High-Grade Non-Oriented Silicon Steel. <i>Crystals</i> , 2022, 12, 593.	2.2	2
2	Synergistic Effect of Grain Size, $\hat{1}^2$ -Mg17Al12, and Texture on Mechanical Properties of Mg-15Al (wt.%) Magnesium Alloy Processed by Equal Channel Angular Pressing. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 4360-4369.	2.5	6
3	Synergistic Effect of Second Phase and Grain Size on Electrochemical Discharge Performance of Extruded Mg $\hat{9}$ Al $\hat{9}$ In Alloys as Anodes for Mg $\hat{9}$ Air Battery. <i>Advanced Engineering Materials</i> , 2020, 22, 1901332.	3.5	17
4	Microstructure and Mechanical Properties of Pure Magnesium Subjected to Hot Extrusion. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 1193-1196.	1.0	8
5	An Important Factor Affecting the Supercapacitive Properties of Hydrogenated TiO <sub>2</sub> Nanotube Arrays: Crystal Structure. <i>Nanoscale Research Letters</i> , 2019, 14, 229.	5.7	18
6	Microstructure Evolution and Improved Creep Behavior of Mg-Al-Si Alloy Matrix Composite Reinforced with SiC Nanoparticles. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 5843-5849.	2.5	4
7	Enhanced Mechanical Properties of ECAPed Mg-9Al-1Si Alloy by a Two-Stage Pretreatment. <i>Jom</i> , 2019, 71, 2178-2186.	1.9	4
8	Superior creep behavior of n-SiCp/Mg $\hat{9}$ Al composites fabricated by ultrasonic-assisted semi-solid hot pressing of powder. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	2
9	Hot Deformation Behavior and Microstructure Evolution of a New Near $\hat{1}^2$ Titanium Alloy Reinforced with Trace TiC <sub>p</sub> . <i>Advanced Engineering Materials</i> , 2019, 21, 1800747.	3.5	3
10	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. <i>International Journal of Materials Research</i> , 2019, 110, 231-239.	0.3	0
11	Numerical Simulation of Casting Filling Process of Composites Reinforced with Nano SiC Based on Smoothed Particle Hydrodynamics. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 8169-8177.	0.9	1
12	Enhanced Stretch Formability of AZ31 Magnesium Alloy Thin Sheet by Induced Precompression and Sequent Annealing. <i>Materials</i> , 2018, 11, 1401.	2.9	10
13	Effect of ECAP temperature on precipitation and strengthening mechanisms of Mg $\hat{9}$ Al $\hat{9}$ 1Si alloys. <i>Journal of Materials Research</i> , 2018, 33, 1822-1829.	2.6	10
14	Effect of SiC Nanoparticles on Hot Deformation Behavior and Processing Maps of Magnesium Alloy AZ91. <i>Nanomaterials</i> , 2018, 8, 82.	4.1	12
15	Microstructure and Tensile Properties of ECAPed Mg-9Al-1Si-1SiC Composites: The Influence of Initial Microstructures. <i>Materials</i> , 2018, 11, 136.	2.9	14
16	Dependence of microstructure characteristics and mechanical properties on nanosize SiCp contents in Mg $\hat{9}$ Al matrix composites fabricated by ultrasonic-assisted semisolid powder hot pressing. <i>Journal of Materials Research</i> , 2018, 33, 2689-2699.	2.6	5
17	Effect of SiC nanoparticles addition on the microstructures and mechanical properties of ECAPed Mg9Al $\hat{9}$ 1Si alloy. <i>Journal of Materials Research</i> , 2017, 32, 615-623.	2.6	17
18	The effect of high Al content on the microstructure and mechanical properties of Mg-xAl alloys processed by equal channel angular pressing. <i>International Journal of Materials Research</i> , 2017, 108, 45-52.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Effect of Aging on Precipitation Behavior and Pitting Corrosion Resistance of SAF2906 Super Duplex Stainless Steel. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4533-4543.	2.5	4
20	Evolution of Texture and Mechanical Properties of Pure Mg Processed by ECAP at Room Temperature. <i>Jom</i> , 2017, 69, 2297-2301.	1.9	9
21	Microstructure and Tensile Properties of n-SiCp/Mg-9%Al Composites Prepared by Ultrasonic Assisted Hot Pressing of Powder. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 1847-1855.	2.5	4
22	Influence of Equal Channel Angular Pressing Passes on the Microstructures and Tensile Properties of Mg-8Sn-6Zn-2Al Alloy. <i>Materials</i> , 2017, 10, 708.	2.9	23
23	Interfacial microstructure and mechanical properties of Al alloy /Mg alloy laminated composite plates fabricated by equal channel angular processing. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 417-421.	1.0	4
24	Microstructure Evolution and Mechanical Properties of Long Period Stacking Ordered Mg <sub>96</sub> Gd <sub>3</sub> Ni <sub>1</sub> Alloy with Al and Sr Additions. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 2710-2717.	2.2	4
25	Microstructural characterizations and mechanical properties of Mg-8Sn-1Al-1Zn-xCu alloys. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 803-807.	1.0	4
26	Effect of ECAP on the microstructure and mechanical properties of a high-Mg <sub>2</sub> Si content Al-Mg-Si alloy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 395-398.	1.0	2
27	Microstructure and mechanical properties of ultrafine grained Mg <sub>15</sub> Al alloy processed by equal-channel angular pressing. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 238-242.	1.0	5