Xiaoqiang Li

List of Publications by Year in descending order

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Version: 2024-02-01

40	547	567144 15	677027 22
papers	citations	h-index	g-index

40	40	40	408
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ex-situ EBSD analysis of yield asymmetry, texture and twinning development in Mgâ€“5Liâ€“3Alâ€“2Zn alloy during tensile and compressive deformation. Journal of Alloys and Compounds, 2019, 805, 947-956.	2.8	45
2	Reducing the yield asymmetry in Mg-5Li-3Al-2Zn alloy by hot-extrusion and multi-pass rolling. Journal of Magnesium and Alloys, 2020, 9, 937-937.	5.5	41
3	Microstructure and mechanical properties of the ultra-fine grained ZK60 reinforced with low content of nano-diamond by powder metallurgy. Journal of Alloys and Compounds, 2019, 778, 309-317.	2.8	37
4	The hot deformation behavior, microstructure evolution and texture types of as-cast Mgâ€“Li alloy. Journal of Alloys and Compounds, 2020, 831, 154868.	2.8	35
5	Hot tensile deformation behavior of extruded LAZ532 alloy with heterostructure. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 801, 140412.	2.6	30
6	The strengthening mechanism and deformation behavior of Mgâ€“Li matrix composite reinforced by Al3La phase formed in-situ through La2O3 particle. Composites Part B: Engineering, 2021, 216, 108866.	5.9	26
7	Recycling of waste poly(ethylene terephthalate) into flameâ€retardant rigid polyurethane foams. Journal of Applied Polymer Science, 2014, 131, .	1.3	24
8	Effect of Ca Additions on Ignition Temperature and Multi-Stage Oxidation Behavior of AZ80. Metals, 2018, 8, 766.	1.0	24
9	Effect of REs (Y, Nd) addition on high temperature oxidation kinetics, oxide layer characteristic and activation energy of AZ80 alloy. Journal of Magnesium and Alloys, 2020, 8, 1281-1295.	5.5	22
10	Sorbitan monooleate and poly(<scp>L</scp>â€lactideâ€coâ€Îµâ€caprolactone) electrospun nanofibers for endothelial cell interactions. Journal of Biomedical Materials Research - Part A, 2009, 91A, 878-885.	2.1	20
11	Effect of Ca and Gd combined addition on ignition temperature and oxidation resistance of AZ80. Corrosion Science, 2019, 160, 108176.	3.0	19
12	Investigation of Portevinâ€“Le Chatelier effect in rolled Î±-phase Mg-Li alloy during tensile and compressive deformation. Journal of Materials Science and Technology, 2020, 52, 152-161.	5.6	18
13	Superplastic deformation behavior of the as-extruded AZ110 magnesium alloy with La-rich Mish metal addition. Journal of Materials Research and Technology, 2020, 9, 6777-6789.	2.6	17
14	The microstructure evolution and mechanical anisotropy of extruded Mg-2Zn-0.4Ce-0.4Mn alloy tube during tension in different directions. Journal of Alloys and Compounds, 2021, 873, 159829.	2.8	16
15	Highly fluorescent cotton fiber based on luminescent carbon nanoparticles via a two-step hydrothermal synthesis method. Cellulose, 2017, 24, 1669-1677.	2.4	15
16	The effect of electric pulse aided ultrasonic rolling processing on the microstructure evolution, surface properties, and fatigue properties of a titanium alloy Ti5Al4Mo6V2Nb1Fe. Surface and Coatings Technology, 2021, 421, 127408.	2.2	15
17	Room Temperature Ammonia Gas Sensor Based on Polyacrylonitrile/Silver@Polyaniline Nanofibers. IEEE Sensors Journal, 2019, 19, 11021-11026.	2.4	14
18	Investigation of microstructure and texture during continuous bending of rolled AZ31 sheet by experiment and FEM. Journal of Materials Research and Technology, 2019, 8, 6232-6243.	2.6	14

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19	Effect of rolling with different amounts of deformation on microstructure and mechanical properties of the Mgâ€“1Alâ€“4Y alloy. Materials Characterization, 2020, 161, 110149.	1.9	12
20	Synthesis and sizing performances of water-soluble polyester based on bis(2-hydroxyethyl) terephthalate derived from depolymerized waste poly(ethylene terephthalate) fabrics. Textile Reseach Journal, 2019, 89, 572-579.	1.1	11
21	Understanding on ignition mechanism of Mg-xAl (x=0, 3, 6 and 8wt. %) alloys in atmospheric environment. Corrosion Science, 2020, 168, 108565.	3.0	10
22	Decolorization and reusing of PET depolymerization waste liquid by electrochemical method with magnetic nanoelectrodes. Environmental Science and Pollution Research, 2018, 25, 34531-34539.	2.7	9
23	Erâ€doped titanium dioxide/silicon dioxide fibres with enhanced photodegradation performance. Micro and Nano Letters, 2018, 13, 297-301.	0.6	8
24	Fracture and deformation characteristics of AZ31 magnesium alloy plate during tension rolling. Materials Today Communications, 2020, 24, 101129.	0.9	8
25	Mechanical Properties and Corrosion Behavior of Multi-Microalloying Mg Alloys Prepared by Adding AlCoCrFeNi Alloy. Acta Metallurgica Sinica (English Letters), 2022, 35, 1301-1316.	1.5	7
26	Hot tensile deformation mechanism and microstructure evolution of Mg 2Nd alloy with heterostructure. Materials Characterization, 2022, 186, 111792.	1.9	7
27	Reducing the tension-compression yield asymmetry in an extruded ZK60 alloy by ultrafine grains. Materials Research Express, 2018, 5, 116518.	0.8	6
28	The microstructure and mechanical properties of Mg2B2O5 whisker-reinforced ZK60 composites fabricated by powder metallurgy. Materials Research Express, 2019, 6, 0965b9.	0.8	5
29	Hot tensile deformation behaviour and microstructure evolution of Al3La phase reinforced Mg-5Li-3Al-2Zn alloy formed in-situ by La2O3 particle. Materials Characterization, 2022, 185, 111772.	1.9	5
30	Characterizations and Cr (VI) adsorption properties of polyaniline/filterâ€paper composite. Polymer Composites, 2014, 35, 993-998.	2.3	4
31	Decoloration of waste PET alcoholysis liquid by an electrochemical method. Water Science and Technology, 2018, 77, 2463-2473.	1.2	4
32	The microstructures and mechanical properties of ultrafine-grained Mgâ€“Znâ€“Zr alloys fabricated by powder metallurgy. Materials Research Express, 2019, 6, 036524.	0.8	4
33	Effect of extrusion speed on microstructure, mechanical properties and work-hardening of multi-microalloying MgAlCoCrFeNi alloy. Journal of Alloys and Compounds, 2022, 895, 162706.	2.8	4
34	Preparation of a novel robustness mineralized layer on surface of AZ80-0.38Nd (wt. %) alloy and investigation of its properties. Applied Surface Science, 2022, 600, 153970.	3.1	4
35	Electrochemical determination of ionization constants of tetrabutylammonium salt in acetonitrile and Î¿-nitrophenyloctylether. Ionics, 2014, 20, 1777-1782.	1.2	2
36	Solvents Regulation and Thermodynamic Control the Morphologies of Cu₂O Nanocrystals. Integrated Ferroelectrics, 2015, 162, 77-84.	0.3	2

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37	Conjugating S-nitrosothiols with fluorescent nanofibers for the controlled release and real-time detection of nitric oxide. Fibers and Polymers, 2016, 17, 971-975.	1.1	1
38	CO2 absorption of anhydrous colloidal suspension based silica nanospheres with different microstructures. Energy and Environment, 2020, , 0958305X2094387.	2.7	1
39	Is the Hong Kong Liver Cancer staging system the best guide for hepatitis B virus-related hepatocellular carcinoma patients with multiple tumors?. Oncotarget, 2016, 7, 51598-51607.	0.8	1
40	1013 Fabricating PVDF Micro/nano-fibers Applicable to Flexible Self-powered Fabric (Part II). The Proceedings of Ibaraki District Conference, 2012, 2012.20, 295-296.	0.0	0