

Tao Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microstructure, Mechanical Properties and In Vitro Degradation Behavior of a Novel Biodegradable Mg-1.5Zn-0.6Zr-0.2Sc Alloy. Journal of Materials Science and Technology, 2015, 31, 744-750.	5.6	38
2	Effects of scandium addition on biocompatibility of biodegradable Mg-1.5Zn-0.6Zr alloy. Materials Letters, 2018, 215, 200-202.	1.3	27
3	Microstructure, mechanical property and in vitro biocorrosion behavior of single-phase biodegradable Mg-1.5Zn-0.6Zr alloy. Journal of Magnesium and Alloys, 2014, 2, 181-189.	5.5	25
4	Influence of albumin on in vitro degradation behavior of biodegradable Mg-1.5Zn-0.6Zr-0.2Sc alloy. Materials Letters, 2018, 217, 227-230.	1.3	25
5	Effects of scandium addition on the in vitro degradation behavior of biodegradable Mg-1.5Zn-0.6Zr alloy. Journal of Materials Science, 2018, 53, 14075-14086.	1.7	14
6	Improved wear resistance of biodegradable Mg-1.5Zn-0.6Zr alloy by Sc addition. Rare Metals, 2021, 40, 2206-2212.	3.6	12
7	Calculation of Jackson's factor of Mg ₂ Si in Mg melt using coordination polyhedron. Journal of Alloys and Compounds, 2013, 581, 494-497.	2.8	11
8	Improved corrosion resistance of Mg alloy by a green phosphating: insights into pre-activation, temperature, and growth mechanism. Journal of Materials Science, 2021, 56, 828-843.	1.7	10
9	Microstructure and mechanical property of biodegradable Mg-1.5Zn-0.6Zr alloy with varying contents of scandium. Materials Letters, 2018, 229, 60-63.	1.3	6
10	Comparison of the effects of pre-activators on morphology and corrosion resistance of phosphate conversion coating on magnesium alloy. Journal of Magnesium and Alloys, 2021, , .	5.5	6
11	Improvement of Mechanical Properties and In Vitro Degradation Resistance of Biodegradable Mg-1.5Zn-0.6Zr-0.2Sc Alloy by Extrusion. Materials Science Forum, 0, 898, 236-245.	0.3	5
12	Mechanical Properties of Thixoforged In Situ Mg ₂ Si/AM60B Composite at Elevated Temperatures. Metals, 2018, 8, 106.	1.0	3