

# Mehrab Lotfpour

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

217  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

123  
citing authors

#	ARTICLE	IF	CITATIONS
1	In- vitro corrosion behavior of the cast and extruded biodegradable Mg-Zn-Cu alloys in simulated body fluid (SBF). <i>Journal of Magnesium and Alloys</i> , 2021, 9, 2078-2096.	11.9	38
2	Complex reaction behaviour of ceramic mould with the molten AZ91 alloy during investment casting. <i>Materials Science and Technology</i> , 2021, 37, 377-383.	1.6	1
3	Effect of microalloying by Ca on the microstructure and mechanical properties of as-cast and wrought Mg <sup>2</sup> Si composites. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 820, 141574.	5.6	26
4	Microstructure, tensile and bending behaviour of the as-cast AM50 alloy modified with different antimony and copper additions. <i>Materials Science and Technology</i> , 2021, 37, 86-102.	1.6	1
5	Effects of Al <sub>3</sub> Ni and Al <sub>7</sub> Cr Intermetallics and T6 Heat Treatment on the Microstructure and Tensile Properties of Al-Zn-Mg-Cu Alloy. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 3432-3442.	2.5	4
6	Enhanced mechanical properties of as-cast AZ91 magnesium alloy by combined RE-Sr addition and hot extrusion. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 792, 139817.	5.6	60
7	Influence of Cu Addition on the Microstructure, Mechanical, and Corrosion Properties of Extruded Mg-2%Zn Alloy. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 2991-3003.	2.5	13
8	Microstructure Evolution and Mechanical Properties of the AZ91 Magnesium Alloy with Sr and Ti Additions in the As-Cast and As-Aged Conditions. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 6853-6863.	2.5	17
9	Microstructure and mechanical properties of the Mg <sup>2</sup> Zn <sup>2</sup> Cu/SiCp composite in the as-cast and as-extruded conditions. <i>Journal of Materials Research</i> , 2019, 34, 3707-3716.	2.6	4
10	The Microstructure, and Mechanical and Corrosion Properties of As-Cast and As-Extruded Mg-2%Zn-x%Cu Alloys After Solution and Aging Heat Treatments. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 2305-2315.	2.5	14
11	Ca Addition Effects on the Microstructure, Tensile and Corrosion Properties of Mg Matrix Alloy Containing 8wt.% Mg <sub>2</sub> Si. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 411-422.	2.5	13
12	Influence of Cu Addition on the Structure, Mechanical and Corrosion Properties of Cast Mg-2%Zn Alloy. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 2136-2150.	2.5	26