

# Bitá Pourbahari

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

398  
citations

1478505

6  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward unraveling the effects of intermetallic compounds on the microstructure and mechanical properties of Mg-Gd-Al-Zn magnesium alloys in the as-cast, homogenized, and extruded conditions. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 680, 39-46.	5.6	96
2	Enhanced Ductility of a Fine-Grained Mg-Gd-Al-Zn Magnesium Alloy by Hot Extrusion. <i>Advanced Engineering Materials</i> , 2018, 20, 1701171.	3.5	70
3	Elucidating the effect of intermetallic compounds on the behavior of Mg-Gd-Al-Zn magnesium alloys at elevated temperatures. <i>Journal of Materials Research</i> , 2017, 32, 4186-4195.	2.6	59
4	Recent advances in the kinetics of normal/abnormal grain growth: a review. <i>Archives of Civil and Mechanical Engineering</i> , 2021, 21, 1.	3.8	58
5	The Effects of Grain Refinement and Rare Earth Intermetallics on Mechanical Properties of As-Cast and Wrought Magnesium Alloys. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 1327-1333.	2.5	57
6	Synergistic effect of Al and Gd on enhancement of mechanical properties of magnesium alloys. <i>Progress in Natural Science: Materials International</i> , 2017, 27, 228-235.	4.4	56
7	Effects of Grain Refiners and Cooling Rates on the Microstructure and Tensile Properties of A357Alloy. <i>Metallography, Microstructure, and Analysis</i> , 0, , 1.	1.0	2