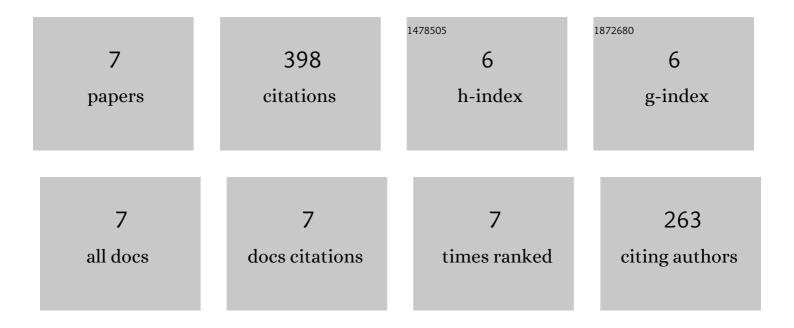
## Bita Pourbahari

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11457691/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Toward unraveling the effects of intermetallic compounds on the microstructure and mechanical properties of Mg–Cd–Al–Zn magnesium alloys in the as-cast, homogenized, and extruded conditions. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 680, 39-46.	5.6	96
2	Enhanced Ductility of a Fineâ€Grained Mg–Gd–Al–Zn Magnesium Alloy by Hot Extrusion. Advanced Engineering Materials, 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. Journal of Materials Research, 2017, 32, 4186-4195.	2.6	59
4	Recent advances in the kinetics of normal/abnormal grain growth: a review. Archives of Civil and Mechanical Engineering, 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. Journal of Materials Engineering and Performance, 2018, 27, 1327-1333.	2.5	57
6	Synergistic effect of Al and Gd on enhancement of mechanical properties of magnesium alloys. Progress in Natural Science: Materials International, 2017, 27, 228-235.	4.4	56
7	Effects of Grain Refiners and Cooling Rates on the Microstructure and Tensile Properties of A357Alloy. Metallography, Microstructure, and Analysis, 0, , 1.	1.0	2