Effect of processing route on microstructure, mechanic of commercially pure magnesium processed by ECAP w

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Citation Report

#	Article	IF	Citations
1	Comparison of the effect of ECAP and SSE on microstructure, texture, and mechanical properties of magnesium. Journal of Alloys and Compounds, 2022, 908, 164407.	5.5	16
2	Microstructure and texture evolution of ECAP-processed Mg-Ce alloy during isothermal annealing. Materials Today Communications, 2022, 32, 103920.	1.9	1
3	Effect of ECAP Route Type on the Microstructural Evolution, Crystallographic Texture, Electrochemical Behavior and Mechanical Properties of ZK30 Biodegradable Magnesium Alloy. Materials, 2022, 15, 6088.	2.9	12
4	Optimizing the ECAP Parameters of Biodegradable Mg-Zn-Zr Alloy Based on Experimental, Mathematical Empirical, and Response Surface Methodology. Materials, 2022, 15, 7719.	2.9	11
5	Comparative Study of Plasma Spray and Friction Stir Processing on Wear Properties of Mg-Zn-Dy Alloy. Journal of Materials Engineering and Performance, 2024, 33, 1578-1587.	2.5	0
6	Microstructure, mechanical properties and fracture toughness of ECAPed magnesium matrix composite reinforced with hydroxyapatite ceramic particulates for bioabsorbable implants. Ceramics International, 2023, 49, 17074-17090.	4.8	14
7	Effect of ECAP die angle and route type on the experimental evolution, crystallographic texture, and mechanical properties of pure magnesium. Open Engineering, 2023, 13, .	1.6	1
8	Influence of ECAP Parameters on the Structural, Electrochemical and Mechanical Behavior of ZK30: A Combination of Experimental and Machine Learning Approaches. Journal of Manufacturing and Materials Processing, 2023, 7, 52.	2.2	7
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11	A review on impact route process on AA5083 of back pressure through equal channel angular pressing. Materials Today: Proceedings, 2023, , .	1.8	1
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13	Effect of microstructural and texture evolution of ECAP-processed Mg-Zn-Zr alloy on the corrosion and wear behaviours for bone repair applications. Journal of Engineering Research, 2024, , .	0.7	0
14	The effect of tooling design and properties of materials on fracture and deformation through equal channel angular pressing technique. MATEC Web of Conferences, 2024, 392, 01030.	0.2	0