

Gajanan M Naik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2382717/publications.pdf>

Version: 2024-02-01

12
papers

139
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ECAP Die Angles on Microstructure Mechanical Properties and Corrosion Behavior of AZ80Mg Alloy. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 2610-2619.	2.5	38
2	The impact of homogenization treatment on microstructure microhardness and corrosion behavior of wrought AZ80 magnesium alloys in 3.5 wt% NaCl solution. <i>Materials Research Express</i> , 2018, 5, 086513.	1.6	18
3	Microstructural and Hardness evolution of AZ80 alloy after ECAP and post-ECAP processes. <i>Materials Today: Proceedings</i> , 2018, 5, 17763-17768.	1.8	16
4	An Experimental Investigation of Microwave Developed Nickel-Based Clads for Slurry Erosion Wear Performance Using Taguchi Approach. <i>Metallography, Microstructure, and Analysis</i> , 2020, 9, 293-304.	1.0	15
5	Bio-corrosion impacts on mechanical integrity of ZM21 Mg for orthopaedic implant application processed by equal channel angular pressing. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 65.	3.6	13
6	Effect of grain refinement on material properties of Mg-8%Al-0.5%Zn alloy after the combined processes of multi-direction forging and equal channel angular pressing. <i>Materials Research Express</i> , 2019, 6, 096538.	1.6	12
7	Effect of Annealing and Aging Treatment on Pitting Corrosion Resistance of Fine-Grained Mg-8%Al-0.5%Zn Alloy. <i>Jom</i> , 2019, 71, 4758-4768.	1.9	8
8	Microstructural and mechanical characterisation of Al-Zn-Mg-Cu alloy processed by multi-directional cryo-forging. <i>Materials Today: Proceedings</i> , 2021, 46, 5752-5756.	1.8	8
9	Influence of slide burnishing process on the surface characteristics of precipitation hardenable steel. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	7
10	Saltwater corrosion behaviour of equal channel angular pressed AZ80/91Mg alloys. <i>Materials Today: Proceedings</i> , 2021, 46, 2660-2665.	1.8	2
11	The Role of Processing Temperature in Equal Channel Angular Extrusion: Microstructure Mechanical Properties and Corrosion Resistance. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 277-285.	0.4	2
12	Investigation of Tribological Characteristics of Cu-Ti Alloys Processed by Multi-Axial Cryo-Forging. <i>Metallography, Microstructure, and Analysis</i> , 0, , .	1.0	0