S Ramesh

List of Publications by Year
in descending order

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20 papers	164 citations	1478505 6 h-index	1199594 12 g-index
20 all docs	20 docs citations	20 times ranked	96 citing authors

#	Article	IF	Citations
1	Machining characteristics of Inconel 718 under several cutting conditions based on Taguchi method. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2013, 227, 1889-1897.	2.1	52
2	Investigation of dry sliding wear properties of multi-directional forged Mgâ€“Zn alloys. Journal of Magnesium and Alloys, 2019, 7, 444-455.	11.9	20
3	Optimization of ball-burnishing process parameters on surface roughness, micro hardness of Mgâ€“Znâ€“Ca alloy and investigation of corrosion behavior. Materials Research Express, 2019, 6, 1065e8.	1.6	17
4	Influence of Multidirectional Forging on Microstructural, Mechanical, and Corrosion Behavior of Mg-Zn Alloy. Journal of Materials Engineering and Performance, 2019, 28, 2053-2062.	2.5	17
5	Influence of Ball Burnishing Process on Equal Channel Angular Pressed Mg-Zn-Si Alloy on the Evolution of Microstructure and Corrosion Properties. Silicon, 2021, 13, 1549-1560.	3.3	10
6	Microstructural and mechanical characterisation of Al-Zn-Mg-Cu alloy processed by multi-directional cryo-forging. Materials Today: Proceedings, 2021, 46, 5752-5756.	1.8	8
7	Effect of multiaxial cryoforging on microstructure and mechanical properties of a Cu-Ti Alloy. Materials Research Express, 2019, 6, 026556.	1.6	6
8	Investigation of Tribological and Corrosion Behavior of Cu-Ti Alloy Processed by Multiaxial Cryoforging. Journal of Materials Engineering and Performance, 2020, 29, 3287-3296.	2.5	6
9	Effect of Equal Channel Angular Pressing on Properties Evaluation of Biodegradable Mg-Zn-Mn Alloy. Journal of Bio- and Tribo-Corrosion, 2021, 7, 1.	2.6	6
10	Influence of Multiaxial Cryoforging on Microstructural, Mechanical, and Corrosion Properties of Copper-Titanium Alloy. Journal of Materials Engineering and Performance, 2019, 28, 7629-7641.	2.5	5
11	Surface modification of multi-directional forged biodegradable Mg-Zn alloy by ball burnishing process: Modeling and analysis using deep neural network. Journal of Manufacturing Processes, 2021, 68, 423-434.	5.9	5
12	Physico-mechanical response of phenolic resin composites reinforced with jute and banana fibers. AIP Conference Proceedings, 2019, , .	0.4	4
13	Influence of cold rolling process on microstructure and mechanical properties of Cu-1.5%Ti alloy. AIP Conference Proceedings, 2018, , .	0.4	2
14	Influence of Multi Axial Forging (MAF) on Microstructure and Mechanical Properties of Cu-Ti Alloy. Materials Today: Proceedings, 2018, 5, 25534-25540.	1.8	2
15	Effects of combined multiaxial forging and rolling process on microstructure, mechanical properties and corrosion behavior of a Cuâ€“Ti alloys. Materials Research Express, 2019, 6, 056559.	1.6	1
16	Development, Characterization, Mechanical and Corrosion Behaviour Investigation of Multi-direction Forged Mgâ€“Zn Alloy. Minerals, Metals and Materials Series, 2019, , 339-343.	0.4	1
17	Effect of Multiaxial Cryoforging on Wear Properties of Cu-1.5%Ti Alloy. Materials Science Forum, 0, 969, 392-397.	0.3	1
18	Solid Particle Erosion Behaviour of Plasma-Sprayed (WCâ€“Co)/(Cr3C2â€“NiCr) Coatings. Journal of Bio- and Tribo-Corrosion, 2022, 8, 1.	2.6	1

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19	Effect of Rolling Reduction on Microstructure and Mechanical Properties Cu-3%Ti Alloy. Lecture Notes in Mechanical Engineering, 2019, , 167-175.	0.4	0
20	Investigation of Tribological Characteristics of Cu-Ti Alloys Processed by Multi-Axial Cryo-Forging. Metallography, Microstructure, and Analysis, 0, , .	1.0	0