

Manojit Ghosh

List of Publications by Year in descending order

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39
papers

561
citations

759190

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39
all docs

39
docs citations

39
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Processing Parameters of 3D Bioprinting on the Cellular Activity of Bioinks. <i>Macromolecular Bioscience</i> , 2021, 21, e2000179.	4.1	61
2	Correlating r-value and through thickness texture in Al-Mg-Si alloy sheets. <i>Journal of Alloys and Compounds</i> , 2015, 619, 585-591.	5.5	57
3	On the role of precipitates in controlling microstructure and mechanical properties of Ag and Sn added 7075 alloys during artificial ageing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 738, 399-411.	5.6	55
4	Warm deep-drawing and post drawing analysis of two Al-Mg-Si alloys. <i>Journal of Materials Processing Technology</i> , 2014, 214, 756-766.	6.3	45
5	Influence of homogenisation time on evolution of eutectic phases, dispersoid behaviour and crystallographic texture for Al-Zn-Mg-Cu-Ag alloy. <i>Journal of Alloys and Compounds</i> , 2019, 802, 276-289.	5.5	42
6	Microstructure and texture development of 7075 alloy during homogenisation. <i>Philosophical Magazine</i> , 2018, 98, 1470-1490.	1.6	40
7	Phase transformation and dispersoid evolution for Al-Zn-Mg-Cu alloy containing Sn during homogenisation. <i>Journal of Materials Research and Technology</i> , 2020, 9, 1-12.	5.8	40
8	Influence of pretreatment on surface behavior of duplex plasma treated AISI H13 tool steel. <i>Surfaces and Interfaces</i> , 2017, 8, 206-213.	3.0	32
9	Development of ultrafine grained Al-Zn-Mg-Cu alloy by equal channel angular pressing: microstructure, texture and mechanical properties. <i>Archives of Civil and Mechanical Engineering</i> , 2020, 20, 1.	3.8	25
10	Tensile and impact behaviour of thermo mechanically treated and micro-alloyed medium carbon steel bar. <i>Construction and Building Materials</i> , 2018, 192, 657-670.	7.2	24
11	Polysaccharides from <i>Dolichos biflorus</i> Linn and <i>Trachyspermum ammi</i> Linn seeds: isolation, characterization and remarkable antimicrobial activity. <i>Chemistry Central Journal</i> , 2017, 11, 118.	2.6	16
12	Microstructure and wear behaviour of pulsed plasma nitrided AISI H13 tool steel. <i>Canadian Metallurgical Quarterly</i> , 2016, 55, 402-408.	1.2	14
13	3D FEM simulation of Al-Zn-Mg-Cu alloy during multi-pass ECAP with varying processing routes. <i>Materials Today Communications</i> , 2021, 26, 102112.	1.9	13
14	Transitions near the onset of low Prandtl-number rotating convection in presence of horizontal magnetic field. <i>Physics of Fluids</i> , 2020, 32, .	4.0	12
15	Ageing Behaviour of Sc-Doped Cu-Zn-Al Shape Memory Alloys. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 1569-1581.	3.0	9
16	Investigation of phase evolution of Al-Si-Mg coating on hot dipped interstitial-free steel. <i>Results in Materials</i> , 2020, 6, 100078.	1.8	8
17	Corrosion Characteristics of Copper-Added Austempered Gray Cast Iron (AGCI). <i>Materials</i> , 2019, 12, 503.	2.9	7
18	Effect of heat treatment and severe plastic deformation on microstructure and texture evolution of 7075 alloy. <i>Materials Today: Proceedings</i> , 2020, 33, 5239-5242.	1.8	7

#	ARTICLE	IF	CITATIONS
37	Conductive glass coating: Effect of atmospheric plasma treatment. AIP Conference Proceedings, 2019, ,	0.4	0
38	Comparing Methods for Computing the Electrical Superconducting Property With Microstructure of Electron Beam Welded High Purity Niobium. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-8.	1.7	0
39	Evaluating the performance of sputter-deposited Aluminium alloy-based coatings on steel in the light of grain orientation, surface roughness, and corrosion behaviour. Canadian Metallurgical Quarterly, 0, , 1-14.	1.2	0