

Devadas Bhat Panemangalore

List of Publications by Year in descending order

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papers

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1477746

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19
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112
citing authors

#	ARTICLE	IF	CITATIONS
1	Coating Technologies for Copper Based Antimicrobial Active Surfaces: A Perspective Review. Metals, 2021, 11, 711.	1.0	37
2	Influence of different fumed silica as thixotropic additive on carbonyl particles magnetorheological fluids for sedimentation effects. Journal of Magnetism and Magnetic Materials, 2021, 529, 167910.	1.0	24
3	Effect of fluoride coatings on the corrosion behavior of Mg-Zn-Er alloys. Surfaces and Interfaces, 2019, 14, 72-81.	1.5	22
4	Surface Modification of 6xxx Series Aluminum Alloys. Coatings, 2022, 12, 180.	1.2	15
5	Biocompatible silica-based magnesium composites. Journal of Alloys and Compounds, 2019, 772, 49-57.	2.8	14
6	Review Energy Storage through Graphite Intercalation Compounds. Journal of the Electrochemical Society, 2021, 168, 040541.	1.3	11
7	Additively Manufactured Magnesium-Based Bio-Implants and their Challenges. , 2021, 6, 917-932.		9
8	A study on HAZ behaviour in 800MPa cold rolled and hot rolled steel weld. Materials Today: Proceedings, 2021, 44, 2985-2992.	0.9	6
9	Review A Review of 2D Perovskites and Carbon-Based Nanomaterials for Applications in Solar Cells and Photodetectors. ECS Journal of Solid State Science and Technology, 2021, 10, 031009.	0.9	5
10	Corrosion Behavior, Microstructure and Mechanical Properties of Novel Mg-Zn-Ca-Er Alloy for Bio-Medical Applications. Metals, 2021, 11, 519.	1.0	5
11	Microstructure and Corrosion Behavior of Extruded Mg-Zn-Er Alloys. Materials Science Forum, 2018, 941, 1766-1771.	0.3	3
12	Microstructural Aspects of Metal-Matrix Composites. , 2021, , 274-297.		3
13	Carbon and Metallic-based Nanomaterials for Strain Sensors - A Review. Current Nanomaterials, 2021, 6, 172-184.	0.2	3
14	Microstructure and Corrosion Behavior of Extruded Mg-Sn-Y Alloys. Metals, 2021, 11, 1095.	1.0	2
15	Equal channel angular processing a modern deforming technique for quality products. , 2021, , 381-423.		1
16	Flexible Electromagnetic Shielding Material Using Multi-Walled Carbon Nanotube Coated Cotton Fabric. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 479-488.	1.4	1
17	Corrosion Characteristics of Metal Matrix Composites. , 2021, , 442-453.		0
18	Women in Electrochemistry- Contributions, Challenges and Potential Solutions. Journal of the Electrochemical Society, 0, , .	1.3	0