

Devadas Bhat Panemangalore

List of Publications by Year in descending order

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112
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modification of 6xxx Series Aluminum Alloys. Coatings, 2022, 12, 180.	1.2	15
2	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
3	Microstructural Aspects of Metal-Matrix Composites. , 2021, , 274-297.		3
4	Carbon and Metallic-based Nanomaterials for Strain Sensors - A Review. Current Nanomaterials, 2021, 6, 172-184.	0.2	3
5	A study on HAZ behaviour in 800MPa cold rolled and hot rolled steel weld. Materials Today: Proceedings, 2021, 44, 2985-2992.	0.9	6
6	Equal channel angular processing—a modern deforming technique for quality products. , 2021, , 381-423.		1
7	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
8	Corrosion Behavior, Microstructure and Mechanical Properties of Novel Mg-Zn-Ca-Er Alloy for Bio-Medical Applications. Metals, 2021, 11, 519.	1.0	5
9	Review—Energy Storage through Graphite Intercalation Compounds. Journal of the Electrochemical Society, 2021, 168, 040541.	1.3	11
10	Coating Technologies for Copper Based Antimicrobial Active Surfaces: A Perspective Review. Metals, 2021, 11, 711.	1.0	37
11	Additively Manufactured Magnesium-Based Bio-Implants and their Challenges. , 2021, 6, 917-932.		9
12	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
13	Microstructure and Corrosion Behavior of Extruded Mg-Sn-Y Alloys. Metals, 2021, 11, 1095.	1.0	2
14	Corrosion Characteristics of Metal Matrix Composites. , 2021, , 442-453.		0
15	Biocompatible silica-based magnesium composites. Journal of Alloys and Compounds, 2019, 772, 49-57.	2.8	14
16	Effect of fluoride coatings on the corrosion behavior of Mg–Zn–Er alloys. Surfaces and Interfaces, 2019, 14, 72-81.	1.5	22
17	Microstructure and Corrosion Behavior of Extruded Mg-Zn-Er Alloys. Materials Science Forum, 2018, 941, 1766-1771.	0.3	3
18	Women in Electrochemistry- Contributions, Challenges and Potential Solutions. Journal of the Electrochemical Society, 0, , .	1.3	0