

Zakaria Quadir

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Role of Tungsten on the Phase Transformation Kinetics and its Correlation with the Localized Corrosion Resistance of 25Cr Super Duplex Stainless Steels. <i>Journal of the Electrochemical Society</i> , 2020, 167, 081510.	1.3	9
2	Effect of extrusion temperature on microstructure and properties of an ultrafine-grained Cu matrix nanocomposite fabricated by powder compact extrusion. <i>Journal of Materials Science</i> , 2018, 53, 5389-5401.	1.7	19
3	Understanding structural evolution of nanostructured Cu-Al ₂ O ₃ composite powders during thermomechanical processing. <i>Materialia</i> , 2018, 4, 268-275.	1.3	9
4	Dynamic mechanical response of additive manufactured Ti-6Al-4V. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	11
5	Microstructural Investigation and Impact Testing of Additive Manufactured TI-6AL-4V. <i>Minerals, Metals and Materials Series</i> , 2017, , 191-199.	0.3	2
6	Effects of temperature and strain rate on the dynamic mechanical behavior of a fine grained Al-Sc alloy. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
7	Effects of chemical composition and test conditions on the dynamic tensile response of Zr-based metallic glasses. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
8	Dynamic crushing response of closed-cell aluminium foams during shock loading. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
9	Stability of retained austenite in high carbon steel under compressive stress: an investigation from macro to nano scale. <i>Scientific Reports</i> , 2016, 6, 34958.	1.6	60
10	Uncovering the true nature of deformation microstructures using 3D analysis methods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 89, 012002.	0.3	1
11	Through Thickness Microstructural and Texture Inhomogeneity Within Al Layers in ARB-Produced Al-Al(Sc) Layered Composite Sheets. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015, 46, 4772-4782.	1.1	13
12	Characterization of Closed-Cell Aluminium Foams Subjected to Compressive Loading. , 2015, , 167-174.		3
13	On the Complexities of Microband Interactions in a Cold-Deformed Goss-Oriented Ni Single Crystal. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014, 45, 345-351.	1.0	3
14	Through-thickness variations in recrystallization behavior in an Al-based ARB composite sheet. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014, 63, 012084.	0.3	1
15	The Mode of Deformation in a Cold-Swaged Multifunctional Ti-Nb-Ta-Zr-O Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 2307-2318.	1.1	8
16	Deformation and Recrystallization of Interstitial Free (IF) Steel. <i>Materials and Manufacturing Processes</i> , 2011, 26, 51-57.	2.7	19
17	Shear band formation in IF steel during cold rolling at medium reduction levels. <i>Philosophical Magazine</i> , 2006, 86, 3633-3646.	0.7	31
18	A rolling-annealing cycle for enhanced deep drawing properties in interstitial free steels. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2004, 218, 631-639.	1.1	3