

Zakaria Quadir

List of Publications by Year in descending order

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papers

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citations

1162367

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all docs

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docs citations

18
times ranked

216
citing authors

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