Avanish Kumar

List of Publications by Year
in descending order

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Version: 2024-02-01

11 papers	237 citations	1478505 6 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	217 citing authors

#	Article	IF	Citations
1	Effect of austempering temperature on high cycle fatigue behaviour in nanostructured bainitic steels. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 846, 143296.	5.6	6
2	Mechanical properties of nanostructured bainitic steels. Materialia, 2021, 15, 101034.	2.7	28
3	Deformation mechanisms in nanostructured bainitic steels under torsion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 770, 138528.	5.6	7
4	The Role of Microstructure on Damage Tolerance in Nano-Bainitic Steels. Procedia Structural Integrity, 2020, 28, 93-100.	0.8	3
5	Microstructural effects on the sub-critical fatigue crack growth in nano-bainite. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 743, 464-471.	5.6	18
6	Compositional design of high strength nanostructured bainite. Materials Research Express, 2019, 6, 026526.	1.6	2
7	Effect of Prior Austenite Grain Size on the Morphology of Nano-Bainitic Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 1348-1354.	2.2	30
8	Improvement of Strength-Toughness Combination in Nanostructured Bainite. Procedia Structural Integrity, 2018, 13, 548-553.	0.8	7
9	Toughness dependence of nano-bainite on phase fraction and morphology. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 729, 439-443.	5.6	54
10	Structural Investigations of Nanocrystalline Cu-Cr-Mo Alloy Prepared by High-Energy Ball Milling. Journal of Electronic Materials, 2017, 46, 1339-1347.	2.2	11
11	Mechanical alloying and properties of immiscible Cu-20Âwt.% Mo alloy. Journal of Alloys and Compounds, 2015, 647, 1040-1047.	5.5	71