

Avanish Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6621133/publications.pdf>

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	Mechanical alloying and properties of immiscible Cu-20Åwt.% Mo alloy. Journal of Alloys and Compounds, 2015, 647, 1040-1047.	5.5	71
2	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
3	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
4	Mechanical properties of nanostructured bainitic steels. Materialia, 2021, 15, 101034.	2.7	28
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	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
7	Improvement of Strength-Toughness Combination in Nanostructured Bainite. Procedia Structural Integrity, 2018, 13, 548-553.	0.8	7
8	Deformation mechanisms in nanostructured bainitic steels under torsion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 770, 138528.	5.6	7
9	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
10	The Role of Microstructure on Damage Tolerance in Nano-Bainitic Steels. Procedia Structural Integrity, 2020, 28, 93-100.	0.8	3
11	Compositional design of high strength nanostructured bainite. Materials Research Express, 2019, 6, 026526.	1.6	2