

Minghao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

151
citations

1163117

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1199594

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all docs

12
docs citations

12
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of martensitic transformation sequences on deformation-induced martensitic transformation at high strain rates: A quasi in-situ study. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 831, 142319.	5.6	15
2	Characterization of deformation-induced martensite with various AGSs upon Charpy impact loading and correlation with transformation mechanisms. <i>Materials Characterization</i> , 2022, 184, 111704.	4.4	12
3	Twin Instability and Its Effect on the Dislocation Behavior of UFG Austenitic Steel Under Charpy Impact Test. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2022, 53, 1921-1927.	2.2	1
4	Influence of DIMT on impact toughness: Relationship between crack propagation and the ϵ -martensite morphology in austenitic steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 844, 143191.	5.6	11
5	EBSD investigation of the crystallographic features of deformation-induced martensite in stainless steel. <i>Journal of Materials Science and Technology</i> , 2021, 69, 148-155.	10.7	17
6	A generic high-throughput microstructure classification and quantification method for regular SEM images of complex steel microstructures combining EBSD labeling and deep learning. <i>Journal of Materials Science and Technology</i> , 2021, 93, 191-204.	10.7	33
7	Effect of rare-earth elements on microstructure and mechanical properties of in-situ Fe-TiB ₂ composites. <i>Materials Today Communications</i> , 2021, 29, 102860.	1.9	4
8	Dual band metamaterial absorber: Combination of plasmon and Mie resonances. <i>Journal of Materials Science and Technology</i> , 2020, 53, 37-40.	10.7	14
9	Characteristics of nucleation and transformation sequence in deformation-induced martensitic transformation. <i>Materials Characterization</i> , 2020, 163, 110234.	4.4	28
10	Effect of Ce Addition on the As-Cast and As-Forged Microstructure of Fe-TiB ₂ Composites. <i>Jom</i> , 2019, 71, 4144-4152.	1.9	3
11	Improvement of Microstructure and Wear Property of Al-Bi Alloys by Nd Addition. <i>Jom</i> , 2018, 70, 1344-1348.	1.9	9
12	Numerical Simulation of Droplets Behavior of Cu-Pb Immiscible Alloys Solidifying under Magnetic Field. <i>Materials</i> , 2017, 10, 1005.	2.9	4