

Kangying Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

1478505

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all docs

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docs citations

9
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	An approach to define the effective lath size controlling yield strength of bainite. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 6614-6619.	5.6	80
2	Analysis of transformation stasis during the isothermal bainitic ferrite formation in Fe-C-Mn and Fe-C-Mn-Si alloys. <i>Acta Materialia</i> , 2013, 61, 5458-5468.	7.9	76
3	The effect of prior ferrite formation on bainite and martensite transformation kinetics in advanced high-strength steels. <i>Acta Materialia</i> , 2013, 61, 6025-6036.	7.9	74
4	Characterization and quantification methods of complex BCC matrix microstructures in advanced high strength steels. <i>Journal of Materials Science</i> , 2013, 48, 413-423.	3.7	39
5	Effect of Al on martensite tempering: comparison with Si. <i>Journal of Materials Science</i> , 2018, 53, 6951-6967.	3.7	23
6	On the transition between grain boundary ferrite and bainitic ferrite in Fe-C-Mo and Fe-C-Mn alloys: The bay formation explained. <i>Acta Materialia</i> , 2016, 104, 62-71.	7.9	21
7	Fast Granularization of Lath-Like Bainite in FeNiC Alloys During Isothermal Holding at $M_s + 20^\circ\text{C}$. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 15-18.	2.2	6
8	Effect of Mo Addition on the Transformation Stasis Phenomenon During the Isothermal Formation of Bainitic Ferrite. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 5670-5674.	2.2	4
9	Key Parameters to Promote Granularization of Lath-Like Bainite/Martensite in FeNiC Alloys during Isothermal Holding. <i>Materials</i> , 2018, 11, 1808.	2.9	3