

Mehran Zamani

List of Publications by Year in descending order

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14
papers

377
citations

1040056

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h-index

1058476

14
g-index

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all docs

14
docs citations

14
times ranked

196
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of microstructural refinement and intercritical annealing time on mechanical properties of high-formability dual phase steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 736, 22-26.	5.6	83
2	Fine tuning the mechanical properties of dual phase steel via thermomechanical processing of cold rolling and intercritical annealing. <i>Materials Chemistry and Physics</i> , 2019, 230, 1-8.	4.0	66
3	Synergistic effects of holding time at intercritical annealing temperature and initial microstructure on the mechanical properties of dual phase steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 750, 125-131.	5.6	49
4	Enhancement of mechanical properties of low carbon dual phase steel via natural aging. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 734, 178-183.	5.6	39
5	Effect of Intercritical Annealing on Mechanical Properties and Workâ€Hardening Response of High Formability Dual Phase Steel. <i>Steel Research International</i> , 2018, 89, 1700412.	1.8	36
6	Effect of Intercritical Annealing Conditions on Grain Growth Kinetics of Dual Phase Steel. <i>Metals and Materials International</i> , 2019, 25, 1039-1046.	3.4	30
7	Improved mechanical properties of mild steel via combination of deformation, intercritical annealing, and quench aging. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 756, 268-271.	5.6	24
8	Ferrite recrystallisation and intercritical annealing of cold-rolled low alloy medium carbon steel. <i>Materials Science and Technology</i> , 2019, 35, 1932-1941.	1.6	13
9	Mechanical properties and fracture behavior of intercritically annealed AISI 4130 chromoly steel. <i>Materials Research Express</i> , 2018, 5, 066548.	1.6	10
10	Effect of Intercritical Annealing Time at Pearlite Dissolution Finish Temperature (A_{c1f}) on Mechanical Properties of Low-Carbon Dual-Phase Steel. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 2178-2183.	2.5	8
11	Static recrystallization kinetics of ferrite in cold-deformed medium carbon steel. <i>Materials Research Express</i> , 2019, 6, 1265g9.	1.6	7
12	Microstructure tailoring for property improvements of DP steel via cyclic intercritical annealing. <i>Materials Research Express</i> , 2019, 6, 126513.	1.6	6
13	Effect of Variation of Martensite with a Constant Carbon Content on Mechanical Behavior and Sliding Wear of Dual Phase Steels. <i>Tribology Letters</i> , 2022, 70, .	2.6	4
14	Dependency of Natural Aging on the Ferritoe Grain Size in Dual-Phase Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 4961-4964.	2.2	2