

Iman Ahadi-Akhlaghi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

41
citations

4
h-index

6
g-index

11
ext. papers

62
ext. citations

2.2
avg, IF

2.32
L-index

#	Paper	IF	Citations
11	An accurate non-destructive method for determining mechanical properties of plain carbon steel parts using MHL and GRNN. <i>Nondestructive Testing and Evaluation</i> , 2021 , 36, 278-296	2	1
10	Predicting hardness profile of steel specimens subjected to Jominy test using an artificial neural network and electromagnetic nondestructive techniques. <i>Nondestructive Testing and Evaluation</i> , 2020 , 1-17	2	3
9	Quantitative Evaluation of Deformation Induced Martensite in Austenitic Stainless Steel Using Magnetic NDE Techniques. <i>Journal of Nondestructive Evaluation</i> , 2020 , 39, 1	2.1	1
8	A Magnetic Nondestructive Evaluation Method to Simultaneously Determine Chemical Composition and Heat Treatment Characteristics of Plain Carbon Steels: A Statistical Modeling Approach. <i>Journal of Materials Engineering and Performance</i> , 2020 , 29, 2560-2573	1.6	0
7	Prediction of chemical composition and mechanical properties in powder metallurgical steels using multi-electromagnetic nondestructive methods and a data fusion system. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 498, 166246	2.8	2
6	Non-destructive determination of microstructural/mechanical properties and thickness variations in API X65 steel using magnetic hysteresis loop and artificial neural networks. <i>Nondestructive Testing and Evaluation</i> , 2020 , 35, 190-206	2	4
5	Application of magnetic hysteresis loop method to determine prior austenite grain size in plain carbon steels. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 477, 275-282	2.8	5
4	Nondestructive Characterization of Microstructure and Mechanical Properties of Heat Treated H13 Tool Steel Using Magnetic Hysteresis Loop Methodology. <i>Research in Nondestructive Evaluation</i> , 2019 , 30, 303-315	0.9	2
3	Electromagnetic methods to improve the nondestructive characterization of induction hardened steels: A statistical modeling approach. <i>Surface and Coatings Technology</i> , 2019 , 380, 125074	4.4	9
2	Improving nondestructive characterization of dual phase steels using data fusion. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 458, 317-326	2.8	13
1	Detection of Decarburising Depth in Hadfield Steels Using a Multi-magnetic NDE Method. <i>Nondestructive Testing and Evaluation</i> , 1-13	2	1