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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8361227/publications.pdf>

Version: 2024-02-01

11
papers

81
citations

1478280

6
h-index

1588896

8
g-index

11
all docs

11
docs citations

11
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving nondestructive characterization of dual phase steels using data fusion. Journal of Magnetism and Magnetic Materials, 2018, 458, 317-326.	1.0	21
2	Application of magnetic hysteresis loop method to determine prior austenite grain size in plain carbon steels. Journal of Magnetism and Magnetic Materials, 2019, 477, 275-282.	1.0	11
3	Electromagnetic methods to improve the nondestructive characterization of induction hardened steels: A statistical modeling approach. Surface and Coatings Technology, 2019, 380, 125074.	2.2	10
4	Non-destructive determination of microstructural/mechanical properties and thickness variations in API X65 steel using magnetic hysteresis loop and artificial neural networks. Nondestructive Testing and Evaluation, 2020, 35, 190-206.	1.1	8
5	Nondestructive Characterization of Microstructure and Mechanical Properties of Heat Treated H13 Tool Steel Using Magnetic Hysteresis Loop Methodology. Research in Nondestructive Evaluation, 2019, 30, 303-315.	0.5	7
6	Prediction of chemical composition and mechanical properties in powder metallurgical steels using multi-electromagnetic nondestructive methods and a data fusion system. Journal of Magnetism and Magnetic Materials, 2020, 498, 166246.	1.0	6
7	Predicting hardness profile of steel specimens subjected to Jominy test using an artificial neural network and electromagnetic nondestructive techniques. Nondestructive Testing and Evaluation, 0, , 1-17.	1.1	6
8	Detection of Decarburising Depth in Hadfield Steels Using a Multi-magnetic NDE Method. Nondestructive Testing and Evaluation, 2022, 37, 482-494.	1.1	5
9	Quantitative Evaluation of Deformation Induced Martensite in Austenitic Stainless Steel Using Magnetic NDE Techniques. Journal of Nondestructive Evaluation, 2020, 39, 1.	1.1	3
10	An accurate non-destructive method for determining mechanical properties of plain carbon steel parts using MHL and GRNN. Nondestructive Testing and Evaluation, 2021, 36, 278-296.	1.1	3
11	A Magnetic Nondestructive Evaluation Method to Simultaneously Determine Chemical Composition and Heat Treatment Characteristics of Plain Carbon Steels: A Statistical Modeling Approach. Journal of Materials Engineering and Performance, 2020, 29, 2560-2573.	1.2	1