

Gopa Chakraborty

List of Publications by Year in descending order

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14
papers

206
citations

1478505

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1058476

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docs citations

14
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on tempering behaviour of AISI 410 stainless steel. <i>Materials Characterization</i> , 2015, 100, 81-87.	4.4	64
2	Study on microstructure and wear properties of different nickel base hardfacing alloys deposited on austenitic stainless steel. <i>Surface and Coatings Technology</i> , 2014, 244, 180-188.	4.8	52
3	Study on hydrogen assisted cracking susceptibility of HSLA steel by implant test. <i>Defence Technology</i> , 2016, 12, 490-495.	4.2	18
4	Effect of Alloy 625 Buffer Layer on Hardfacing of Modified 9Cr-1Mo Steel Using Nickel Base Hardfacing Alloy. <i>Journal of Materials Engineering and Performance</i> , 2016, 25, 1663-1672.	2.5	14
5	Effect of Delta Ferrite on Microstructure and Mechanical Properties of High-Chromium Martensitic Steel. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 876-885.	2.5	13
6	Evaluation of hydrogen-assisted cracking susceptibility in modified 9cr-1mo steel welds. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2020, 64, 115-122.	2.5	7
7	High-Temperature Tribological Behavior of Nickel-Based Hardfacing Alloys. <i>Tribology Transactions</i> , 2021, 64, 658-666.	2.0	7
8	Study of magnetism in Niâ€“Cr hardface alloy deposit on 316LN stainless steel using magnetic force microscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 385, 112-118.	2.3	6
9	Effect of brazing temperature on the microstructure of martensiticâ€“austenitic steel joints. <i>Materials Science and Technology</i> , 2017, 33, 1372-1378.	1.6	6
10	Study of Magnetism in Colmonoy-6 (AWS NiCr-C) Deposit on 316LN Stainless Steel. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 170, 133-138.	3.5	5
11	Non-Destructive Characterization of Nickel-Base Hardface Deposit on Austenitic Stainless Steel Through Eddy Current and Magnetic Barkhausen Techniques. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2012, 56, 59-65.	2.5	5
12	Estimation of Hardness in Nickel-Base Hardfacing Deposits on 316LN Stainless Steel by Magnetic Techniques. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2012, 56, 101-110.	2.5	4
13	Characterisation of hydrogen assisted cracking in modified 9Cr-1Mo steel welds using acoustic emission non destructive technique. <i>Nondestructive Testing and Evaluation</i> , 2021, 36, 692-708.	2.1	3
14	Effect of preheating and post heating in reducing diffusible hydrogen content and hydrogen assisted cracking susceptibility of modified 9Crâ€“1Mo steel. <i>Science and Technology of Welding and Joining</i> , 2020, 25, 637-643.	3.1	2