

Ravindra I Badiger

List of Publications by Year in descending order

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12
papers

269
citations

1307594
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docs citations

12
times ranked

107
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Joining of Inconel-625 alloy through microwave hybrid heating and its characterization. Journal of Manufacturing Processes, 2015, 18, 117-123. | 5.9 | 102 |
| 2 | Microstructure and mechanical properties of Inconel-625 welded joint developed through microwave hybrid heating. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 2462-2477. | 2.4 | 41 |
| 3 | Effect of Power Input on Metallurgical and Mechanical Characteristics of Inconel-625 Welded Joints Processed Through Microwave Hybrid Heating. Transactions of the Indian Institute of Metals, 2019, 72, 811-824. | 1.5 | 28 |
| 4 | Optimization of Process Parameters by Taguchi Grey Relational Analysis in Joining Inconel-625 Through Microwave Hybrid Heating. Metallography, Microstructure, and Analysis, 2019, 8, 92-108. | 1.0 | 28 |
| 5 | Optimization of Parameters Influencing Tensile Strength of Inconel-625 Welded Joints Developed Through Microwave Hybrid Heating. Materials Today: Proceedings, 2018, 5, 7659-7667. | 1.8 | 24 |
| 6 | An Experimental Investigation of Microwave Developed Nickel-Based Clads for Slurry Erosion Wear Performance Using Taguchi Approach. Metallography, Microstructure, and Analysis, 2020, 9, 293-304. | 1.0 | 15 |
| 7 | A Comparative Study on Characteristics of Inconel-625 Joints Developed through Microwave Hybrid Heating and Tungsten Inert Gas Welding. Transactions of the Indian Institute of Metals, 2021, 74, 531-540. | 1.5 | 7 |
| 8 | Effect of input power and interfacial powder size on microwave joining of different materials: A review. Materials Today: Proceedings, 2021, 46, 194-197. | 1.8 | 6 |
| 9 | ANOVA studies and control factors effect analysis of cobalt based microwave clad. Materials Today: Proceedings, 2021, 46, 2409-2413. | 1.8 | 6 |
| 10 | An investigation on effects of wire-EDT machining parameters on surface roughness of INCONEL 718. Materials Today: Proceedings, 2021, 35, 474-477. | 1.8 | 5 |
| 11 | Microstructure and mechanical properties of TiO ₂ reinforced ZA22 metal matrix composite. Materials Today: Proceedings, 2021, 35, 303-307. | 1.8 | 5 |
| 12 | Dry Sliding Wear Performance Studies of WCâ€“12Co Deposited on AISI 420 Steel Through Microwave Energy. Springer Proceedings in Materials, 2020, , 489-496. | 0.3 | 2 |