

# Nitin Kumar Lautre

## List of Publications by Year in descending order

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18  
papers

126  
citations

1307594

7  
h-index

1281871

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	A photoelasticity approach for characterization of defects in microwave drilling of soda lime glass. Journal of Materials Processing Technology, 2015, 225, 151-161.	6.3	26
2	On Crack Control Strategy in Near-Field Microwave Drilling of Soda Lime Glass Using Precursors. Journal of Thermal Science and Engineering Applications, 2015, 7, .	1.5	19
3	A simulation approach to material removal in microwave drilling of soda lime glass at 2.45GHz. Applied Physics A: Materials Science and Processing, 2015, 120, 1261-1274.	2.3	17
4	Performance assessment of CMT over GTA welding on stacked thin sheets of CRNGO electrical steel. Materials Letters, 2020, 272, 127901.	2.6	14
5	A study on fault diagnosis and maintenance of CNC-WEDM based on binary relational analysis and expert system. International Journal of Advanced Manufacturing Technology, 2006, 29, 490-498.	3.0	9
6	A study on fault diagnosis and maintenance of CNC-WEDM based on binary relational analysis and expert system. International Journal of Advanced Manufacturing Technology, 2006, 29, 490-498.	3.0	9
7	Effect of Duty Ratio at Different Pulse Frequency during Hole Drilling in Ceramics Using Electrochemical Discharge Machining. MATEC Web of Conferences, 2016, 77, 10004.	0.2	9
8	Distortions in hole and tool during microwave drilling of perspex in a customized applicator. , 2014, , .		8
9	Characterization of drilled hole in low melting point material during low power microwave drilling process. Materials Research Express, 2019, 6, 095329.	1.6	5
10	A Study on Hardness of CRNO Electrical Sheets for Edge Joining Through TIG Welding. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 689-698.	0.6	4
11	Experimental Evaluation of a Microwave Drilling Process in Perspex. Journal of Testing and Evaluation, 2020, 48, 2880-2894.	0.7	3
12	Surface Integrity and Core Loss in Lamination Coated Thin Sheets of M-43 Grade Cold Rolled Non-grain-Oriented Electrical Steel. Journal of Materials Engineering and Performance, 2022, 31, 9001-9018.	2.5	2
13	Prediction of wire wear through pixels in single pass WEDM. , 2010, , .		0
14	Investigations on Magnetic and Corrosive Characteristics of Thin Cold-Rolled Nonoriented Electrical Steel Sheets Post Gas Tungsten Arc and Laser Welding. Materials Performance and Characterization, 2021, 10, 206-225.	0.3	0
15	Experimental evaluation on weld zone of thin laminated stacked sheets post-GTA weld of CRNO electrical steel. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	1.3	0
16	FUNCTIONAL TESTING OF THIN AND STACK WELDED M400-50 A5 CRNGO ELECTRICAL STEEL. Surface Review and Letters, 0, , 2150090.	1.1	0
17	Numerical and Experimental Investigation of Heat Distribution and Residual Stress Variation On Stacked Thin Sheets of CRNO Electrical Steel Post TIG and CMT Welding. Journal of Micro and Nano-Manufacturing, 2022, , .	0.7	0
18	Influence of heat on the performance of stack welded thin sheets of CRNGO electrical steel. Metallurgical Research and Technology, 2022, 119, 310.	0.7	0