

Swastik Pradhan

List of Publications by Year in descending order

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25
papers

401
citations

1307594

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794594

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26
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docs citations

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271
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of progressive hybrid RSM-WASPAS-grey wolf method for parametric optimization of dissimilar metal welded joints in FSSW process. <i>Materials Today: Proceedings</i> , 2022, 50, 766-772.	1.8	8
2	A review on various types of in-pipe inspection robot. <i>Materials Today: Proceedings</i> , 2022, 50, 1425-1434.	1.8	29
3	Design of Adaptive Wheel Driven Pipeline Inspection Robot. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 583-595.	0.4	3
4	Numerical simulation of explosive welded titanium and Al7075-T6 bimetal composite plate using ANSYS Autodyn. <i>Welding International</i> , 2022, 36, 455-473.	0.7	2
5	Deform 3D Simulation Analysis for Temperature Variation in Turning Operation on Titanium Grade 2 Using CCD-Coated Carbide Insert. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 937-945.	0.4	2
6	Comparative Investigation of CNC Turning of Nickel-Chromoly Steel Under Different Cutting Environment with a Fabricated Portable Mist Lubricator: A Super Hybrid Taguchi-WASPAS-GA-SA-PSO Approach. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 515-531.	0.4	7
7	Design and fabrication of honeycomb micro-texture using femtosecond laser machine. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1314-1322.	4.7	9
8	Virtual Design Optimization of Motorbike Rear Sprocket Based on ANSYS and Hybrid MOORA-Fuzzy Inference System. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 481-495.	0.4	4
9	A Brief Review: Study of Machinability Aspects of Hard Metals Using Micro Textured Inserts. <i>Springer Proceedings in Materials</i> , 2021, , 143-149.	0.3	1
10	Design and fabrication of spiral triangular micro texture on chemical vapor deposition coated cutting insert using femtosecond laser machine. <i>Materials Today: Proceedings</i> , 2020, 28, 1439-1444.	1.8	9
11	Investigation of machinability criteria during micro-abrasive finishing of SUS-304L steel using fuzzy combined with WASPAS approach. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	5
12	Optimization of machinability criteria during dry machining of Ti-2 with micro-groove cutting tool using WASPAS approach. <i>Materials Today: Proceedings</i> , 2020, 33, 5306-5312.	1.8	9
13	Impacts of Biodiesel, Fuel Additive, and Injection Pressure on Engine Emission and Performance. <i>Journal of Energy Engineering - ASCE</i> , 2019, 145, .	1.9	6
14	Effect Of The Hot Deformation On Mechanical And Wear Characteristics Of The P/M AMC. <i>Materials Today: Proceedings</i> , 2019, 18, 5040-5047.	1.8	5
15	Potential biodegradable matrices and fiber treatment for green composites: A review. <i>AIMS Materials Science</i> , 2019, 6, 119-138.	1.4	40
16	Investigation of FEM Simulation of Machining of Titanium Alloy Using Microgroove Cutting Insert. <i>Silicon</i> , 2018, 10, 1949-1959.	3.3	14
17	Improving the Surface roughness and Flank wear of the boring process using particle damped boring bars. <i>Materials Today: Proceedings</i> , 2018, 5, 28186-28194.	1.8	9
18	Study on surface roughness in machining of Al/SiCp metal matrix composite using desirability function analysis approach. <i>Materials Today: Proceedings</i> , 2018, 5, 28108-28116.	1.8	6

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19	Dynamic Stress Analysis of L-1 Low Pressure Steam Turbine Blade: Mathematical Modelling and Finite Element Method. <i>Materials Today: Proceedings</i> , 2018, 5, 28117-28126.	1.8	10
20	Optimization of Machining Parameter Characteristics during Turning of Ti-6Al-4V using Desirability Function Analysis. <i>Materials Today: Proceedings</i> , 2018, 5, 25740-25749.	1.8	4
21	Investigation of tool wear and surface roughness on machining of titanium alloy with MT-CVD cutting tool. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 346, 012053.	0.6	3
22	Study of process parameter on mist lubrication of Titanium (Grade 5) alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 178, 012030.	0.6	4
23	Study of Chip Morphology, Flank Wear on Different Machinability Conditions of Titanium Alloy (Ti-6Al-4V) Using Response Surface Methodology Approach. <i>International Journal of Materials Forming and Machining Processes</i> , 2017, 4, 19-37.	0.6	7
24	Development and machinability assessment in turning Al/SiCp-metal matrix composite with multilayer coated carbide insert using Taguchi and statistical techniques. <i>Archives of Civil and Mechanical Engineering</i> , 2013, 13, 27-35.	3.8	80
25	Modeling and optimization of Al/SiCp MMC machining using Taguchi approach. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 3064-3072.	5.0	125