

Sudhansu Sekhar Panda

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

130
citations

1684188

5
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of multiple quality characteristics in bone drilling using grey relational analysis. Journal of Orthopaedics, 2015, 12, 39-45.	1.3	41
2	An evolutionary framework in modelling of multi-output characteristics of the bone drilling process. Neural Computing and Applications, 2018, 29, 1233-1241.	5.6	36
3	Evaluation of delamination in drilling of bone. Medical Engineering and Physics, 2015, 37, 657-664.	1.7	19
4	A feasibility investigation for modeling and optimization of temperature in bone drilling using fuzzy logic and Taguchi optimization methodology. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2014, 228, 1135-1145.	1.8	7
5	Numerical analysis on residual stress hole generation in laser shock peening. European Physical Journal Plus, 2022, 137, .	2.6	7
6	Numerical simulation of Al1070 alloy through hybrid SPD process. International Journal of Advanced Manufacturing Technology, 2017, 91, 835-846.	3.0	5
7	Genetic Algorithm Based Prediction of an Optimum Parametric Combination for Minimum Thrust Force in Bone Drilling. Advances in Intelligent Systems and Computing, 2014, , 103-112.	0.6	5
8	Prediction of an Optimum Parametric Combination for Minimum Thrust Force in Bone Drilling: A Simulated Annealing Approach. Smart Innovation, Systems and Technologies, 2014, , 705-713.	0.6	4
9	An innovative method to join two polymer rods through Y-shape extrusion channel. Measurement: Journal of the International Measurement Confederation, 2018, 119, 270-282.	5.0	2
10	Study of Mechanical and Metallurgical Properties of Cold and Hot Reciprocating Wire TIG Welding on AISI 1035 Carbon Steel. Journal of the Institution of Engineers (India): Series D, 2021, 102, 159-166.	1.0	2
11	A review on properties and microstructure of micro-extruded product using SPD and as-cast material. Sadhana - Academy Proceedings in Engineering Sciences, 2018, 43, 1.	1.3	1
12	Joining of two similar PA-6 rods through equal channel angular press based Y-shape extrusion channel. CIRP Journal of Manufacturing Science and Technology, 2022, 36, 133-142.	4.5	1
13	Numerical prediction of solidified shell thicknesses obtained in continuous casting with different billet shapes. Numerical Heat Transfer; Part A: Applications, 2020, 77, 302-316.	2.1	0