

Ravinder Pal Singh

List of Publications by Year in descending order

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14
papers

184
citations

1478505

6
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal changes during drilling in human femur by rotary ultrasonic bone drilling machine: A histologic and ultrastructural study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1023-1033.	3.4	7
2	Experimental investigation and statistical modelling of cutting speed in AL6063-W composite by wire EDM process. <i>Materials Today: Proceedings</i> , 2022, 62, 1408-1412.	1.8	5
3	Experimental Investigations and Statistical Modeling of Specific Wear and Coefficient of Friction in a Novel Carbon Fiber-Reinforced Composite. <i>International Journal of Surface Engineering and Interdisciplinary Materials Science</i> , 2022, 10, 1-17.	0.4	1
4	Influence of machining parameters on surface roughness in AL6063-W composite by wire EDM process: Experimental investigations and process optimization. <i>Materials Today: Proceedings</i> , 2022, 63, 192-196.	1.8	3
5	Review on the various strategies adopted for the polishing of silicon wafer – A chemical perspective. <i>Materials Today: Proceedings</i> , 2022, 63, 62-68.	1.8	5
6	Statistical modeling and optimization of density in a novel carbon/jute fiber reinforced hybrid composite. <i>Materials Today: Proceedings</i> , 2022, 63, 259-263.	1.8	4
7	Influence of cutting force on temperature, microcracks and chip morphology during rotary ultrasonic bone drilling: An in-vitro study. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, .	1.6	10
8	Effect of Drilling Techniques on Microcracks and Pull-Out Strength of Cortical Screw Fixed in Human Tibia: An In-Vitro Study. <i>Annals of Biomedical Engineering</i> , 2021, 49, 382-393.	2.5	24
9	Experimental investigations and statistical modeling of cutting force and torque in rotary ultrasonic bone drilling of human cadaver bone. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 148-162.	1.8	25
10	Effects of rotary ultrasonic bone drilling on cutting force and temperature in the human bones. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 829-842.	1.8	20
11	In vitro comparison of conventional surgical and rotary ultrasonic bone drilling techniques. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 398-411.	1.8	30
12	An in-vitro study of temperature rise during rotary ultrasonic bone drilling of human bone. <i>Medical Engineering and Physics</i> , 2020, 79, 33-43.	1.7	37
13	Role of Additive Manufacturing in Industry 4.0 for Maintenance Engineering. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2020, , 235-254.	0.2	8
14	Comparison of Conventional and Ultrasonic Drilling on Cutting Force in Porcine and Human Femur. , 2020, , .		5