

Lukas Seeholzer

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

240
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of fibre orientation, tool geometry and process parameters on surface quality in milling of CFRP. CIRP Journal of Manufacturing Science and Technology, 2017, 18, 75-91.	4.5	84
2	Analytical force model for orthogonal machining of unidirectional carbon fibre reinforced polymers (CFRP) as a function of the fibre orientation. Journal of Materials Processing Technology, 2019, 263, 440-469.	6.3	76
3	Analytical force model for drilling out unidirectional carbon fibre reinforced polymers (CFRP). Journal of Materials Processing Technology, 2020, 278, 116489.	6.3	24
4	Fundamental analysis of the cutting edge micro-geometry in orthogonal machining of unidirectional Carbon Fibre Reinforced Plastics (CFRP). Procedia CIRP, 2018, 77, 379-382.	1.9	21
5	Tool wear and spring back analysis in orthogonal machining unidirectional CFRP with respect to tool geometry and fibre orientation. International Journal of Advanced Manufacturing Technology, 2021, 115, 2905-2928.	3.0	12
6	Experimental study: comparison of conventional and low-frequency vibration-assisted drilling (LF-VAD) of CFRP/aluminium stacks. International Journal of Advanced Manufacturing Technology, 2019, 104, 433-449.	3.0	10
7	Analytical model for predicting tool wear in orthogonal machining of unidirectional carbon fibre reinforced polymer (CFRP). International Journal of Advanced Manufacturing Technology, 2022, 119, 7259-7289.	3.0	6
8	Influence of different cooling strategies on the process temperatures and chip transport quality in one-shot drilling CFRP/Al-stacks. Procedia CIRP, 2021, 101, 310-313.	1.9	4
9	Experimental investigation of the machining characteristics in diamond wire sawing of unidirectional CFRP. International Journal of Advanced Manufacturing Technology, 2021, 117, 2197-2212.	3.0	2
10	Laser modification and optimization of drilling tools for CFRP machining. Procedia CIRP, 2020, 95, 897-902.	1.9	1