

Lars Ellersiek

List of Publications by Year in descending order

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8
papers

36
citations

1937685

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1872680

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g-index

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all docs

8
docs citations

8
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of metal working fluid on chip formation and mechanical loads in orthogonal cutting. International Journal of Advanced Manufacturing Technology, 2022, 118, 3005-3013.	3.0	9
2	Time-domain simulation of milling processes including process damping. CIRP Journal of Manufacturing Science and Technology, 2020, 30, 149-156.	4.5	7
3	Process design for 5-axis ball end milling using a real-time capable dynamic material removal simulation. Production Engineering, 2021, 15, 89-95.	2.3	5
4	Prediction of plastic surface defects for 5-axis ball end milling of Ti-6Al-4V with rounded cutting edges using a material removal simulation. CIRP Annals - Manufacturing Technology, 2021, 70, 91-94.	3.6	4
5	Identification of rake and flank face engagement parameters using a dextral-based material removal simulation with an oriented sweep volume. CIRP Journal of Manufacturing Science and Technology, 2021, 35, 146-157.	4.5	4
6	Evaluation of methods for measuring tool-chip contact length in wet machining using different approaches (microtextured tool, in-situ visualization and restricted contact tool). Production Engineering, 2022, 16, 635-646.	2.3	4
7	Process stability of a novel roughing-finishing end mill. Production Engineering, 2020, 14, 395-405.	2.3	2
8	Determination of the process damping coefficient using plain cutting tests. Procedia CIRP, 2021, 101, 302-305.	1.9	1