Wen-Bin Zhong

List of Publications by Year
in descending order

12 papers	184 citations	1478505 6 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	138 citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-grooving of brittle materials using textured diamond grinding wheels shaped by an integrated nanosecond laser system. International Journal of Advanced Manufacturing Technology, 2022, 119, 5389-5399.	3.0	4
2	Integration of On-machine Surface Measurement into Fast Tool Servo Machining. Procedia CIRP, 2021, 101, 238-241.	1.9	4
3	Closed-loop form error measurement and compensation for FTS freeform machining. CIRP Annals - Manufacturing Technology, 2021, 70, 455-458.	3.6	14
4	A closed-loop feature-based FTS patterning and characterisation of functional structured surfaces. Surface Topography: Metrology and Properties, 2021, 9, 025012.	1.6	6
5	Toolpath Interpolation and Smoothing for Computer Numerical Control Machining of Freeform Surfaces: A Review. International Journal of Automation and Computing, 2020, 17, 1-16.	4.5	19
6	Fast-tool-servo micro-grooving freeform surfaces with embedded metrology. CIRP Annals - Manufacturing Technology, 2020, 69, 505-508.	3.6	36
7	A forward closed-loop virtual simulation system for milling process considering dynamics processing-machine interactions. International Journal of Advanced Manufacturing Technology, 2019, 104, 2317-2328.	3.0	3
8	Design of a new fast tool positioning system and systematic study on its positioning stability. International Journal of Machine Tools and Manufacture, 2019, 142, 54-65.	13.4	7
9	Material removal mechanism of laser-assisted grinding of RB-SiC ceramics and process optimization. Journal of the European Ceramic Society, 2019, 39, 705-717.	5.7	62
10	A real-time interpolator for parametric curves. International Journal of Machine Tools and Manufacture, 2018, 125, 133-145.	13.4	27
11	A Generic Control Architecture for Hybrid Micro-Machines. Micromachines, 2018, 9, 305.	2.9	2
12	Reconfigurable software architecture for a hybrid micro machine tool. , 2015, , .		0