Wen-Bin Zhong

List of Publications by Year
in descending order

12	184	1478505 6	1281871 11
papers	citations	h-index	g-index

12	12	12	138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Fast-tool-servo micro-grooving freeform surfaces with embedded metrology. CIRP Annals - Manufacturing Technology, 2020, 69, 505-508.	3.6	36
3	A real-time interpolator for parametric curves. International Journal of Machine Tools and Manufacture, 2018, 125, 133-145.	13.4	27
4	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
5	Closed-loop form error measurement and compensation for FTS freeform machining. CIRP Annals - Manufacturing Technology, 2021, 70, 455-458.	3.6	14
6	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
7	A closed-loop feature-based FTS patterning and characterisation of functional structured surfaces. Surface Topography: Metrology and Properties, 2021, 9, 025012.	1.6	6
8	Integration of On-machine Surface Measurement into Fast Tool Servo Machining. Procedia CIRP, 2021, 101, 238-241.	1.9	4
9	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
10	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
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