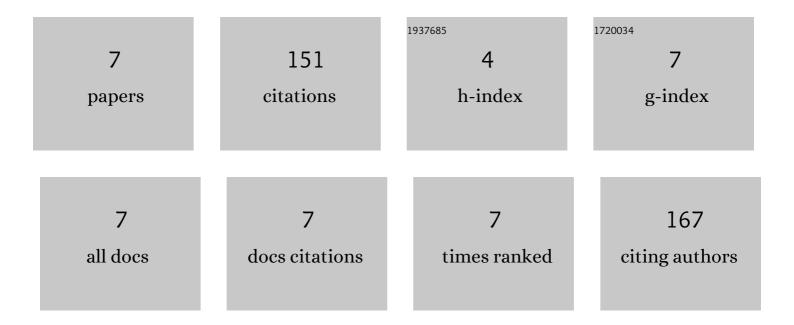
## **Zhendong Shang**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8238703/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Quantitative Analysis of Carbon Emissions in Precision Turning Processes and Industrial Case Study. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 205-216.	4.9	15
2	A multi-perspective analysis of sustainability of machining processes based on a new extended virtual manufacturing framework. Energy, 2021, 225, 120257.	8.8	2
3	Optimisation of cutting parameters for minimising carbon emissions and cost in the turning process. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, , 095440622092287.	2.1	3
4	Developing a new energy performance indicator for the spindle system based on power flow analysis. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 1687-1699.	2.4	1
5	Towards less energy intensive heavy-duty machine tools: Power consumption characteristics and energy-saving strategies. Energy, 2019, 178, 263-276.	8.8	41
6	Electrical energy consumption of CNC machine tools based on empirical modeling. International Journal of Advanced Manufacturing Technology, 2019, 100, 2255-2267.	3.0	23
7	On modelling of laser assisted machining: Forward and inverse problems for heat placement control. International Journal of Machine Tools and Manufacture, 2019, 138, 36-50.	13.4	66