Jingliang Jiang

List of Publications by Year
in descending order

9	251	1307594 7	1588992 8
papers	citations	h-index	g-index

10	10	10	174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From the microscopic interaction mechanism to the grinding temperature field: An integrated modelling on the grinding process. International Journal of Machine Tools and Manufacture, 2016, 110, 27-42.	13.4	62
2	Grain trajectory and grain workpiece contact analyses for modeling of grinding force and energy partition. International Journal of Advanced Manufacturing Technology, 2014, 70, 2111-2123.	3.0	60
3	Surface texture formation mechanism based on the ultrasonic vibration-assisted grinding process. International Journal of Machine Tools and Manufacture, 2020, 156, 103595.	13.4	48
4	Study on micro-interacting mechanism modeling in grinding process and ground surface roughness prediction. International Journal of Advanced Manufacturing Technology, 2013, 67, 1035-1052.	3.0	47
5	Investigation on the heat source profile on the finished surface in grinding based on the inverse heat transfer analysis. International Journal of Advanced Manufacturing Technology, 2017, 92, 1201-1216.	3.0	12
6	A study of ribbing effect on the vibration response and transmission of an L-shaped plate. Journal of the Acoustical Society of America, 2016, 139, 3063-3075.	1.1	9
7	The theoretical and experimental research on the bearing inner ring raceway grinding process aiming to improve surface quality and process efficiency based on the integrated grinding process model. International Journal of Advanced Manufacturing Technology, 2017, 93, 747-765.	3.0	8
8	From the grain/workpiece interaction to the coupled thermal-mechanical residual stresses: an integrated modeling for controlled stress grinding of bearing ring raceway. International Journal of Advanced Manufacturing Technology, 2019, 101, 475-499.	3.0	4
9	Study on the cutting mechanism of randomly deflected truncated cone shape single abrasive grain. International Journal of Advanced Manufacturing Technology, 2022, 120, 1909-1928.	3.0	1