

Jingliang Jiang

List of Publications by Year in descending order

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9
papers

251
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
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	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
8	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
9	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