

Jiajia Zhao

List of Publications by Year in descending order

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7
papers

95
citations

1937685
4
h-index

1872680
6
g-index

7
all docs

7
docs citations

7
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	A modeling method for predicting friction torque of the preload double-nut ball screw based on thermal elastohydrodynamic lubrication. <i>International Journal of Advanced Manufacturing Technology</i> , 2023, 124, 4231-4251.	3.0	5
2	Numerical analysis and experimental research on the accuracy decay of a ball screw with geometric errors under non-constant operating conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 9773-9787.	2.1	2
3	A novel approach to predict the precision sustainability of ball screw under multidirectional load states. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2021, 235, 1277-1296.	2.1	15
4	Analysis of the precision sustainability of the preload double-nut ball screw with consideration of the raceway wear. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2020, 234, 1530-1546.	1.8	17
5	Investigation of load distribution and deformations for ball screws with the effects of turning torque and geometric errors. <i>Mechanism and Machine Theory</i> , 2019, 141, 95-116.	4.5	44
6	Research on the precision loss of ball screw with short-time overload impact. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401881790.	1.6	8
7	Accuracy decay mechanism of ball screw in CNC machine tools for mixed sliding-rolling motion under non-constant operating conditions. <i>International Journal of Advanced Manufacturing Technology</i> , 0, , .	3.0	4