

# Jiajia Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6018815/publications.pdf>

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