

# Xing Du

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10058697/publications.pdf>

Version: 2024-02-01

5  
papers

64  
citations

2258059

3  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

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times ranked

13  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on Fractal Model of Load Distribution and Axial Stiffness of Planetary Roller Screw Mechanism Considering Surface Roughness and Friction Factor. <i>Advanced Theory and Simulations</i> , 2022, 5, .	2.8	12
2	Rotate vector reducer design using resnet-based model and integration of discretized optimization. <i>Journal of Mechanical Science and Technology</i> , 2022, 36, 1889-1902.	1.5	3
3	Research on Contact and Wear Characteristics of the Planetary Roller Screw Mechanism with Screw Misalignments. <i>Lubricants</i> , 2022, 10, 115.	2.9	5
4	Investigation on mechanical behavior of planetary roller screw mechanism with the effects of external loads and machining errors. <i>Tribology International</i> , 2021, 154, 106689.	5.9	33
5	A Multiscale Accuracy Degradation Prediction Method of Planetary Roller Screw Mechanism Based on Fractal Theory Considering Thread Surface Roughness. <i>Fractal and Fractional</i> , 2021, 5, 237.	3.3	11