

# Shuwen Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

130  
citations

1478505

6  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Laser Surface Texturing and Lubrication on the Vibrational and Tribological Performance of Sliding Contact. <i>Lubricants</i> , 2022, 10, 10.	2.9	26
2	Tribological effects of laser surface texturing and residual stress. <i>Industrial Lubrication and Tribology</i> , 2018, 70, 126-132.	1.3	21
3	Analysis and prediction of double-carriage train wheel wear based on SIMPACK and neural networks. <i>Advances in Mechanical Engineering</i> , 2022, 14, 168781322210784.	1.6	17
4	Study on the mutual influence of surface roughness and texture features of rough-textured surfaces on the tribological properties. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021, 235, 256-273.	1.8	15
5	Noise reduction of automobile cooling fan based on bio-inspired design. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2021, 235, 465-478.	1.9	9
6	Sound Radiation Analysis of Constrained Layer Damping Structures Based on Two-Level Optimization. <i>Materials</i> , 2019, 12, 3053.	2.9	8
7	Dynamic modeling and trajectory measurement on vibratory finishing. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 253-263.	3.0	8
8	A Comparative Study on Acoustic Optimization and Analysis of CLD/Plate in a Cavity Using ESO and GA. <i>Shock and Vibration</i> , 2018, 2018, 1-16.	0.6	7
9	Analysis and prediction of high-speed train wheel wear based on SIMPACK and backpropagation neural networks. <i>Expert Systems</i> , 2021, 38, e12417.	4.5	6
10	Wheel Wear Prediction of High-Speed Train Using NAR and BP Neural Networks. , 2017, , .		4
11	Characterization of Automotive Brake Discs with Laser-Machined Surfaces. <i>Automotive Innovation</i> , 2019, 2, 190-200.	5.1	4
12	Noise and vibration performance of automotive disk brakes with laser-machined M-shaped grooves. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2023, 237, 978-990.	1.9	2
13	Prediction of frictional braking noise based on brake dynamometer test and artificial intelligent algorithms. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2022, 236, 2681-2695.	1.9	2
14	Vibration characteristic analysis of single-cylinder two-stroke engine and mounting system optimization design. <i>Science Progress</i> , 2020, 103, 003685042093063.	1.9	1
15	Study on the Motion Characteristics of Abrasive Media in Vibratory Finishing. <i>Journal of Physics: Conference Series</i> , 2022, 2198, 012035.	0.4	0