

Shuwen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

130
citations

1478505

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h-index

1281871

11
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15
all docs

15
docs citations

15
times ranked

73
citing authors

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