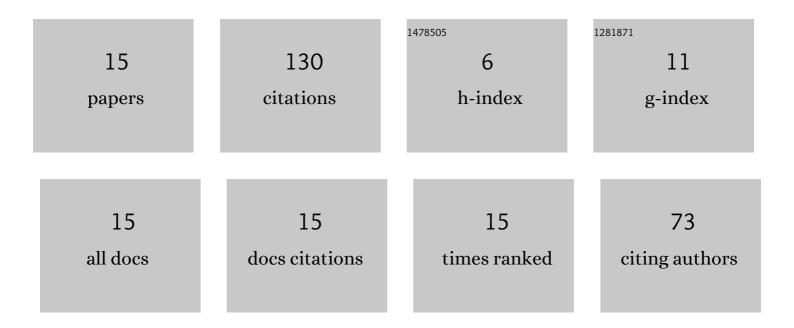
Shuwen Wang

List of Publications by Year in descending order

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SHUWEN WANC

| # | 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 highâ€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 |