# Zhongxi Shao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3482354/publications.pdf

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|---|---|---|---|
| 11 papers | 75 citations | 1684188 5 h-index | 1474206 9 g-index |
| 11 all docs | 11 docs citations | 11 times ranked | 89 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Experimental Study of the Effect of Internal Defects on Stress Waves during Automated Fiber Placement. Polymers, 2018, 10, 413. | 4.5 | 18 |
| 2 | Configuration optimization of laser tracker stations for position measurement in error identification of heavy-duty machine tools. Measurement Science and Technology, 2019, 30, 045009. | 2.6 | 17 |
| 3 | A novel 5-DOF high-precision compliant parallel mechanism for large-aperture grating tiling. Mechanical Sciences, 2017, 8, 349-358. | 1.0 | 14 |
| 4 | Multiscale Collaborative Optimization of Processing Parameters for Carbon Fiber/Epoxy Laminates Fabricated by High-Speed Automated Fiber Placement. Advances in Materials Science and Engineering, 2016, 2016, 1-14. | 1.8 | 7 |
| 5 | Parametric Study on Heat Transfer for Tow Placement Process of Thermoplastic Composite. Polymers and Polymer Composites, 2014, 22, 713-722. | 1.9 | 6 |
| 6 | Analytical Compliance Equations of Generalized Elliptical-Arc-Beam Spherical Flexure Hinges for 3D Elliptical Vibration-Assisted Cutting Mechanisms. Materials, 2021, 14, 5928. | 2.9 | 4 |
| 7 | A Heuristic Task Periods Selection Algorithm for Real-Time Control Systems on a Multi-Core Processor. IEEE Access, 2017, 5, 24819-24829. | 4.2 | 3 |
| 8 | On-line chatter recognition and supression in milling based on smart CNC. , 2016, , . | | 2 |
| 9 | A stiffener structural design method for worktable of heavy-duty vertical lathe by combining modal analysis and topology optimization. Structural and Multidisciplinary Optimization, 2019, 60, 745-756. | 3.5 | 2 |
| 10 | Development of Dynamics for Design Procedure of Novel Grating Tiling Device with Experimental Validation. Applied Sciences (Switzerland), 2021, 11, 11716. | 2.5 | 2 |
| 11 | Energy Analysis of a Space-Energy Driven Laser-Ablation Debris Removal System. Sustainability, 2022, 14, 1794. | 3.2 | 0 |