

# Zhongxi Shao

## List of Publications by Year in descending order

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

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1684188  
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#	ARTICLE	IF	CITATIONS
1	Energy Analysis of a Space-Energy Driven Laser-Ablation Debris Removal System. Sustainability, 2022, 14, 1794.	3.2	0
2	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
3	Development of Dynamics for Design Procedure of Novel Grating Tiling Device with Experimental Validation. Applied Sciences (Switzerland), 2021, 11, 11716.	2.5	2
4	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
5	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
6	Experimental Study of the Effect of Internal Defects on Stress Waves during Automated Fiber Placement. Polymers, 2018, 10, 413.	4.5	18
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	A novel 5-DOF high-precision compliant parallel mechanism for large-aperture grating tiling. Mechanical Sciences, 2017, 8, 349-358.	1.0	14
9	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
10	On-line chatter recognition and suppression in milling based on smart CNC. , 2016, , .		2
11	Parametric Study on Heat Transfer for Tow Placement Process of Thermoplastic Composite. Polymers and Polymer Composites, 2014, 22, 713-722.	1.9	6