Xiaojian Liu

List of Publications by Year
in descending order

10 papers	62 citations	1684188 5 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	71 citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of the Quality of the Automatic Transmission Shift and the Power Transmission Characteristics. Energies, 2022, 15, 4672.	3.1	5
2	Kinematic Chain Optimization Design Based on Deformation Sensitivity Analysis of a Five-Axis Machine Tool. International Journal of Precision Engineering and Manufacturing, 2020, 21, 2375-2389.	2.2	6
3	Double B-Spline Curve-Fitting and Synchronization-Integrated Feedrate Scheduling Method for Five-Axis Linear-Segment Toolpath. Applied Sciences (Switzerland), 2020, 10, 3158.	2.5	13
4	Assembly Tolerance Design Based on Skin Model Shapes Considering Processing Feature Degradation. Applied Sciences (Switzerland), 2019, 9, 3216.	2.5	9
5	A Low-Carbon Design Method Integrating Structure Design and Injection Process Design for Injection Molding Machines. Mathematical Problems in Engineering, 2019, 2019, 1-19.	1.1	2
6	A robust optimization design method for sheet metal roll forming and its application in roll forming circular cross-section pipe. International Journal of Advanced Manufacturing Technology, 2019, 103, 2903-2916.	3.0	11
7	Multi-roll levelling for wave defects of metal sheets based on the beam-membrane method. International Journal of Advanced Manufacturing Technology, 2019, 105, 4783-4795.	3.0	0
8	A knowledge push technology based on applicable probability matching and multidimensional context driving. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 235-245.	2.6	10
9	An EEG Study of a Confusing State Induced by Information Insufficiency during Mathematical Problem-Solving and Reasoning. Computational Intelligence and Neuroscience, 2018, 2018, 1-13.	1.7	5
10	An improved geometric error analysis method considering the variety of sensitivities over working space. Advances in Mechanical Engineering, 2018, 10, 168781401879238.	1.6	1