Qiu lemiao

List of Publications by Year
in descending order

29 papers	203 citations	1163117 8 h-index	1199594 12 g-index
31 all docs	31 docs citations	31 times ranked	123 citing authors

#	Article	IF	Citations
1	High-speed elevator car system semi-active horizontal vibration reduction method based on the improved particle swarm algorithm. JVC/Journal of Vibration and Control, 2023, 29, 2921-2934.	2.6	6
2	High-speed elevator car horizontal vibration fluid–solid interaction modeling method. JVC/Journal of Vibration and Control, 2022, 28, 2984-3000.	2.6	13
3	An assembly precision prediction method for customized mechanical products based on GAN-FTL. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2022, 236, 160-173.	2.4	5
4	Spatial variable curvature metallic tube bending springback numerical approximation prediction and compensation method considering cross-section distortion defect. International Journal of Advanced Manufacturing Technology, 2022, 118, 1811-1827.	3.0	10
5	The multi-component coupling horizontal vibration modeling technology of the high-speed elevator and analysis of its influencing factors. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 5850-5869.	2.1	6
6	Asynchronous parallel disassembly sequence planning method of complex products using discrete multi-objective optimization. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2022, 236, 1466-1482.	2.4	5
7	Springback angle prediction of circular metal tube considering the interference of cross-sectional distortion in mandrel-less rotary draw bending. Science Progress, 2021, 104, 003685042098430.	1.9	13
8	Digital Twin Driven Requirement Conversion in Smart Customized Design. IEEE Access, 2021, 9, 64414-64426.	4.2	9
9	High-Speed Elevator Car Air Pressure Compensation Method Based on Coupling Analysis of Internal and External Flow Fields. Applied Sciences (Switzerland), 2021, 11, 1700.	2.5	5
10	A Layered KNN-SVM Approach to Predict Missing Values of Functional Requirements in Product Customization. Applied Sciences (Switzerland), 2021, 11, 2420.	2.5	5
11	A Modeling Method for the Human Body Model with Facial Morphology. CAD Computer Aided Design, 2021, 141, 103106.	2.7	4
12	A surface modeling method for product virtual assembly based on the root mean square of the regional residuals. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 229-242.	2.4	3
13	A low-carbon-orient product design schemes MCDM method hybridizing interval hesitant fuzzy set entropy theory and coupling network analysis. Soft Computing, 2020, 24, 5389-5408.	3.6	14
14	Multi-roll levelling method for longitudinal waves in metal sheet based on a coupled curvature integration model. International Journal of Advanced Manufacturing Technology, 2020, 106, 2721-2734.	3.0	2
15	Energy-Based Vibration Modeling and Solution of High-Speed Elevators Considering the Multi-Direction Coupling Property. Energies, 2020, 13, 4821.	3.1	11
16	Statistical tolerance allocation design considering form errors based on rigid assembly simulation and deep Q-network. International Journal of Advanced Manufacturing Technology, 2020, 111, 3029-3045.	3.0	7
17	Innovative Surface Merging Method for Generating Point-Based Skin Model Shapes Considering Processing Features. International Journal of Precision Engineering and Manufacturing, 2020, 21, 2117-2138.	2.2	1
18	A prediction method of mechanical product assembly precision based on the fusion of measured samples and assembly feature fidelity samples. International Journal of Advanced Manufacturing Technology, 2020, 111, 2877-2890.	3.0	1

#	Article	IF	Citations
19	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
20	Geometry-Load Based Hybrid Correction Method for the Pre-Deformation Design of a Steam Turbine Blade. Energies, 2020, 13, 2471.	3.1	4
21	A Stepped-Segmentation Method for the High-Speed Theoretical Elevator Car Air Pressure Curve Adjustment. Energies, 2020, 13, 2585.	3.1	9
22	A Vibration-Related Design Parameter Optimization Method for High-Speed Elevator Horizontal Vibration Reduction. Shock and Vibration, 2020, 2020, 1-20.	0.6	15
23	Fast Assembly Tolerance Inspection Method Using Feature-Based Adaptive Scale Reduction in Automatic Assembly Line. IEEE Access, 2020, 8, 113860-113877.	4.2	3
24	Hot Blade Shape Reconstruction Considering Variable Stiffness and Unbalanced Load in a Steam Turbine. Energies, 2020, 13, 835.	3.1	2
25	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
26	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
27	A new low-carbon design method based on multi-agent interactive reinforcement learning. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 539-553.	2.1	4
28	Credit scoring by feature-weighted support vector machines. Journal of Zhejiang University: Science C, 2013, 14, 197-204.	0.7	19
29	Toward multi-category garments virtual try-on method by coarse to fine TPS deformation. Neural Computing and Applications, 0, , 1.	5.6	1