

Yingguang Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140
papers

2,043
citations

23
h-index

39
g-index

161
ext. papers

2,682
ext. citations

4.8
avg. IF

5.72
L-index

#	Paper	IF	Citations
140	A supervised community detection method for automatic machining region construction in structural parts NC machining. <i>Journal of Manufacturing Systems</i> , 2022 , 62, 367-376	9.1	1
139	Transfer learning for regression via latent variable represented conditional distribution alignment. <i>Knowledge-Based Systems</i> , 2022 , 240, 108110	7.3	0
138	Microwave heating and curing of metal-like CFRP laminates through ultrathin and flexible resonance structures. <i>Composites Science and Technology</i> , 2022 , 218, 109200	8.6	3
137	A subsequent-machining-deformation prediction method based on the latent field estimation using deformation force. <i>Journal of Manufacturing Systems</i> , 2022 , 63, 224-237	9.1	0
136	Thermal Manipulation in Multi-Layered Anisotropic Materials via Computed Thermal Patterning. <i>Advanced Functional Materials</i> , 2022 , 32, 2109674	15.6	1
135	A zero-shot prediction method based on causal inference under non-stationary manufacturing environments for complex manufacturing systems. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022 , 77, 102356	9.2	0
134	Improvement of Heating Uniformity by Limiting the Absorption of Hot Areas in Microwave Processing of CFRP Composites.. <i>Materials</i> , 2021 , 14,	3.5	2
133	Zone-regulated microwave heating of CFRP laminates via ultrathin and flexible resonance structures with different working frequencies. <i>Composites Communications</i> , 2021 , 29, 101016	6.7	2
132	An automatic and accurate method for tool wear inspection using grayscale image probability algorithm based on bayesian inference. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021 , 68, 102079	9.2	8
131	Effect of lay-up configuration on the microwave absorption properties of carbon fiber reinforced polymer composite materials. <i>Materials Today Communications</i> , 2021 , 26, 101960	2.5	8
130	A Data-drivenParameter Planning Method for Structural Parts NC Machining. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021 , 68, 102080	9.2	9
129	A meta-invariant feature space method for accurate tool wear prediction under cross-conditions. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	5
128	Mechanism-based Structured Deep Neural Network for Cutting Force Forecasting using CNC Inherent Monitoring Signals. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 1-1	5.5	1
127	Stress-oriented 3D printing path optimization based on image processing algorithms for reinforced load-bearing parts. <i>CIRP Annals - Manufacturing Technology</i> , 2021 , 70, 195-198	4.9	1
126	An accurate tool wear prediction method under different cutting conditions based on network architecture search. <i>Procedia Manufacturing</i> , 2021 , 54, 274-278	1.5	0
125	Layered self-resistance electric heating to cure thick carbon fiber reinforced epoxy laminates. <i>Polymer Composites</i> , 2021 , 42, 2469-2483	3	0
124	Physics-informed Bayesian inference for milling stability analysis. <i>International Journal of Machine Tools and Manufacture</i> , 2021 , 167, 103767	9.4	4

123	Deep transfer learning for conditional shift in regression. <i>Knowledge-Based Systems</i> , 2021 , 227, 107216	7.3	2
122	ForceNet: An offline cutting force prediction model based on neuro-physical learning approach. <i>Journal of Manufacturing Systems</i> , 2021 , 61, 1-15	9.1	1
121	Predicting part deformation based on deformation force data using Physics-informed Latent Variable Model. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021 , 72, 102204	9.2	3
120	Residual stresses field estimation based on deformation force data using Gaussian Process Latent Variable Model. <i>Procedia Manufacturing</i> , 2021 , 54, 279-283	1.5	1
119	A collaborative optimization method of machining sequence for deformation control of double-sided structural parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 110, 2941-2953	3.2	0
118	Transfer Learning Under Conditional Shift Based on Fuzzy Residual. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	3
117	An allowance allocation method based on dynamic approximation via online inspection data for deformation control of structural parts. <i>Chinese Journal of Aeronautics</i> , 2020 , 33, 3495-3508	3.7	3
116	A time-varying geometry modeling method for parts with deformation during machining process. <i>Journal of Manufacturing Systems</i> , 2020 , 55, 15-29	9.1	12
115	Image Morphology-Based Path Generation for High-Speed Pocketing. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2020 , 142,	3.3	1
114	A sequence planning method for five-axis hybrid manufacturing of complex structural parts. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2020 , 234, 421-430	2.4	4
113	A Novel Method to Improve Temperature Uniformity in Polymer Composites Microwave Curing Process through Deep Learning with Historical Data. <i>Applied Composite Materials</i> , 2020 , 27, 1-17	2	3
112	Quasi-Optimal Tool Trajectories for High Speed 2.5D Process Based on Morphological Transformation. <i>CAD Computer Aided Design</i> , 2020 , 129, 102920	2.9	0
111	Multi-source integrated fusion for surface measurement. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 109, 1815-1823	3.2	0
110	Elastomeric microfluidic valve for active resin flow control within composite structure. <i>Composite Structures</i> , 2020 , 254, 112844	5.3	2
109	Advanced Data Collection and Analysis in Data-Driven Manufacturing Process. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2020 , 33,	2.5	16
108	Five-axis flank milling tool path generation with curvature continuity and smooth cutting force for pockets. <i>Chinese Journal of Aeronautics</i> , 2020 , 33, 730-739	3.7	8
107	On-line part deformation prediction based on deep learning. <i>Journal of Intelligent Manufacturing</i> , 2020 , 31, 561-574	6.7	13
106	Micro-flow sensor for continuous resin fluidity monitoring between fibers. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 177-186	8.5	5

105	Curved layer based process planning for multi-axis volume printing of freeform parts. <i>CAD Computer Aided Design</i> , 2019 , 114, 51-63	2.9	19
104	Mechanical performance of carbon fiber/epoxy composites cured by self-resistance electric heating method. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 103, 3479-3493	3.2	10
103	A novel method for accurately monitoring and predicting tool wear under varying cutting conditions based on meta-learning. <i>CIRP Annals - Manufacturing Technology</i> , 2019 , 68, 487-490	4.9	39
102	Online learning based intelligent temperature control during polymer composites microwave curing process. <i>Chemical Engineering Journal</i> , 2019 , 370, 455-465	14.7	11
101	A synchronous association approach of geometry, process and monitoring information for intelligent manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 58, 120-129	9.2	6
100	Self-resistive electrical heating for rapid repairing of carbon fiber reinforced composite parts. <i>Journal of Reinforced Plastics and Composites</i> , 2019 , 38, 495-505	2.9	1
99	Indirect Microwave Curing Process Design for Manufacturing Thick Multidirectional Carbon Fiber Reinforced Thermoset Composite Materials. <i>Applied Composite Materials</i> , 2019 , 26, 533-552	2	12
98	A part deformation control method via active pre-deformation based on online monitoring data. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 104, 2681-2692	3.2	7
97	Region based five-axis tool path generation for freeform surface machining via image representation. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 57, 230-240	9.2	15
96	Multimode tool tip dynamics prediction based on transfer learning. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 57, 146-154	9.2	12
95	Image processing-based contour parallel tool path optimization for arbitrary pocket shape. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 102, 1091-1105	3.2	9
94	Microwave curing of multidirectional carbon fiber reinforced polymer composites. <i>Composite Structures</i> , 2019 , 212, 83-93	5.3	23
93	Tool path transplantation method for adaptive machining of large-sized and thin-walled free form surface parts based on error distribution. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 56, 222-232	9.2	15
92	Feature-based adaptive machining for complex freeform surfaces under cloud environment. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019 , 56, 254-263	9.2	4
91	Pose-dependent tool tip dynamics prediction using transfer learning. <i>International Journal of Machine Tools and Manufacture</i> , 2019 , 137, 30-41	9.4	32
90	Dynamic machining process planning incorporating in-process workpiece deformation data for large-size aircraft structural parts. <i>International Journal of Computer Integrated Manufacturing</i> , 2019 , 32, 136-147	4.3	12
89	Digital image approach to tool path generation for surface machining. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 101, 2547-2558	3.2	6
88	Rule and branch-and-bound algorithm based sequencing of machining features for process planning of complex parts. <i>Journal of Intelligent Manufacturing</i> , 2018 , 29, 1329-1336	6.7	11

87	Online monitoring method of degree of cure during non-isothermal microwave curing process. <i>Materials Research Express</i> , 2018 , 5, 025306	1.7	4
86	A region-based 3 + 2-axis machining toolpath generation method for freeform surface. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 1149-1163	3.2	16
85	Real-time cutting tool state recognition approach based on machining features in NC machining process of complex structural parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 229-241	3.2	13
84	A real time machining error compensation method based on dynamic features for cutting force induced elastic deformation in flank milling. <i>Machining Science and Technology</i> , 2018 , 22, 766-786	2	10
83	Anisotropic Dielectric Properties of Carbon Fiber Reinforced Polymer Composites during Microwave Curing. <i>Applied Composite Materials</i> , 2018 , 25, 1339-1356	2	11
82	A multi-pattern compensation method to ensure even temperature in composite materials during microwave curing process. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 107, 10-20	8.4	20
81	Variable-depth multi-pass tool path generation on mesh surfaces. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 95, 2169-2183	3.2	7
80	A sensor fusion and support vector machine based approach for recognition of complex machining conditions. <i>Journal of Intelligent Manufacturing</i> , 2018 , 29, 1739-1752	6.7	40
79	A posture adjustment optimization method of the laser inspection device for large complex surface parts. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2018 , 232, 2375-2385	2.4	2
78	A novel free-hanging 3D printing method for continuous carbon fiber reinforced thermoplastic lattice truss core structures. <i>Materials and Design</i> , 2018 , 137, 235-244	8.1	67
77	Dielectric properties of continuous fiber reinforced polymer composites: Modeling, validation, and application. <i>Polymer Composites</i> , 2018 , 39, 4646-4655	3	6
76	A region-based tool path generation approach for machining freeform surfaces by applying machining strip width tensor. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 98, 3191-3204	3.2	4
75	Curing multidirectional carbon fiber reinforced polymer composites with indirect microwave heating. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 1137-1147	3.2	27
74	6+X locating principle based on dynamic mass centers of structural parts machined by responsive fixtures. <i>International Journal of Machine Tools and Manufacture</i> , 2018 , 125, 112-122	9.4	14
73	A non-uniform allowance allocation method based on interim state stiffness of machining features for NC programming of structural parts. <i>Visual Computing for Industry, Biomedicine, and Art</i> , 2018 , 1, 4	2.9	2
72	A machining feature definition approach by using two-times unsupervised clustering based on historical data for process knowledge reuse. <i>Journal of Manufacturing Systems</i> , 2018 , 49, 16-24	9.1	8
71	Effects of temperature profiles of microwave curing processes on mechanical properties of carbon fibre reinforced composites. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2017 , 231, 1332-1340	2.4	13
70	An adaptive machining approach based on in-process inspection of interim machining states for large-scaled and thin-walled complex parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 90, 3119-3128	3.2	12

69	Enhanced interlaminar fracture toughness of carbon fiber/bismaleimide composites via microwave curing. <i>Journal of Composite Materials</i> , 2017 , 51, 2585-2595	2.7	19
68	Tool-part interaction in composites microwave curing: Experimental investigation and analysis. <i>Journal of Composite Materials</i> , 2017 , 51, 3719-3730	2.7	4
67	A new process control method for microwave curing of carbon fibre reinforced composites in aerospace applications. <i>Composites Part B: Engineering</i> , 2017 , 122, 61-70	10	50
66	Temperature-independent evanescent wave sensor made of a stress-released silica optical fiber taper. <i>Optical Fiber Technology</i> , 2017 , 36, 237-244	2.4	4
65	Reduction of composite deformation based on tool-part thermal expansion matching and stress-free temperature theory. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 88, 1703-1710	3.2	9
64	Sculptured surface-oriented machining error synthesis modeling for five-axis machine tool accuracy design optimization. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 89, 3285-3298	3.2	7
63	Analysis of the effect and mechanism of microwave curing on the chemical shrinkage of epoxy resins. <i>High Performance Polymers</i> , 2017 , 29, 1165-1174	1.6	11
62	Combining Dynamic Machining Feature With Function Blocks for Adaptive Machining. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016 , 13, 828-841	4.9	15
61	A multi-perspective dynamic feature concept in adaptive NC machining of complex freeform surfaces. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 82, 1259-1268	3.2	12
60	Collaborative manufacturing of aircraft structural parts based on machining features and software agents. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 87, 1421-1434	3.2	5
59	Interfacial shear strength of microwave processed carbon fiber/epoxy composites characterized by an improved fiber-bundle pull-out test. <i>Composites Science and Technology</i> , 2016 , 133, 173-183	8.6	54
58	Rapid prototyping of continuous carbon fiber reinforced polylactic acid composites by 3D printing. <i>Journal of Materials Processing Technology</i> , 2016 , 238, 218-225	5.3	344
57	Tool path generation and optimization method for pocket flank milling of aircraft structural parts based on the constraints of cutting force and dynamic characteristics of machine tools. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 85, 1553-1564	3.2	14
56	Feature-based adaptive numerical control programming method for the environment of changing manufacturing resources. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2016 , 230, 1513-1524	2.4	6
55	Effects of ultrasonic vibrations in micro-groove turning. <i>Ultrasonics</i> , 2016 , 67, 30-40	3.5	27
54	Modeling and simulation of micro-groove topography on cylindrical surface by elliptical vibration-assisted turning. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 86, 1407-1424	3.2	6
53	A temperature distribution prediction model of carbon fiber reinforced composites during microwave cure. <i>Journal of Materials Processing Technology</i> , 2016 , 230, 280-287	5.3	23
52	Kinetics modeling of carbon-fiber-reinforced bismaleimide composites under microwave and thermal curing. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	14

51	A cutting parameter optimization method based on dynamic machining features for complex structural parts 2016 ,		1
50	Tool Path Generation Method for Five-axis Flank Milling of Corner by Considering Dynamic Characteristics of Machine Tool. <i>Procedia CIRP</i> , 2016 , 56, 155-160	1.8	4
49	Cutting Tool Condition Recognition in NC Machining Process of Structural Parts Based on Machining Features. <i>Procedia CIRP</i> , 2016 , 56, 321-325	1.8	1
48	Interim feature-based cutting parameter optimization for aircraft structural parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 77, 663-676	3.2	10
47	Turning of Microgrooves Both With and Without Aid of Ultrasonic Elliptical Vibration. <i>Materials and Manufacturing Processes</i> , 2015 , 30, 1001-1009	4.1	15
46	An integrated feature-based dynamic control system for on-line machining, inspection and monitoring. <i>Integrated Computer-Aided Engineering</i> , 2015 , 22, 187-200	5.2	40
45	Drilling delamination and thermal damage of carbon nanotube/carbon fiber reinforced epoxy composites processed by microwave curing. <i>International Journal of Machine Tools and Manufacture</i> , 2015 , 97, 11-17	9.4	49
44	A dynamic featureBased operation planning method for 2.5-axis numerical control machining of complex structural parts. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2015 , 229, 1206-1220	2.4	11
43	A tool path generation method for freeform surface machining by introducing the tensor property of machining strip width. <i>CAD Computer Aided Design</i> , 2015 , 66, 1-13	2.9	48
42	Feature Based Machine Tool Accuracy Analysis Method. <i>Procedia CIRP</i> , 2015 , 27, 216-222	1.8	5
41	Responsive fixture design using dynamic product inspection and monitoring technologies for the precision machining of large-scale aerospace parts. <i>CIRP Annals - Manufacturing Technology</i> , 2015 , 64, 173-176	4.9	36
40	A comparative experiment for the analysis of microwave and thermal process induced strains of carbon fiber/bismaleimide composite materials. <i>Composites Science and Technology</i> , 2015 , 106, 15-19	8.6	41
39	An Adaptive Process Planning Method Based on Features and Intelligent Agents for the Manufacturing of Large-Scale Parts. <i>IFAC-PapersOnLine</i> , 2015 , 48, 2214-2219	0.7	1
38	A feature-based automatic broken surfaces fitting method for complex aircraft skin parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 84, 1001	3.2	5
37	Dynamic feature modelling for closed-loop machining process control of complex parts. <i>International Journal of Computer Integrated Manufacturing</i> , 2015 , 28, 753-765	4.3	17
36	From computer-aided to intelligent machining: Recent advances in computer numerical control machining research. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2015 , 229, 1087-1103	2.4	21
35	Process Knowledge Representation Based on Dynamic Machining Features and Ontology for Complex Aircraft Structural Parts 2015 ,		1
34	A Cloud Manufacturing Architecture for Complex Parts Machining. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2015 , 137,	3.3	8

33	Analysis of cutting forces in the ultrasonic elliptical vibration-assisted micro-groove turning process. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 78, 139-152	3.2	31
32	A Feature-Enhanced Remote Machining Process Monitoring Method. <i>Computer-Aided Design and Applications</i> , 2015 , 12, 320-326	1.4	
31	Modeling and on-line simulation of surface topography considering tool wear in multi-axis milling process. <i>International Journal of Advanced Manufacturing Technology</i> , 2015 , 77, 735-749	3.2	19
30	Integration of process monitoring and inspection based on agents and manufacturing features 2014 ,		1
29	A manufacturing resource allocation method with knowledge-based fuzzy comprehensive evaluation for aircraft structural parts. <i>International Journal of Production Research</i> , 2014 , 52, 3239-3258	7.8	19
28	Drive geometry construction method of machining features for aircraft structural part numerical control machining. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2014 , 228, 1214-1225	2.4	9
27	Tooling design and microwave curing technologies for the manufacturing of fiber-reinforced polymer composites in aerospace applications. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 70, 591-606	3.2	43
26	Analysis and optimization of temperature distribution in carbon fiber reinforced composite materials during microwave curing process. <i>Journal of Materials Processing Technology</i> , 2014 , 214, 544-550	5.3	54
25	A Machining Feature Information Model for Dynamic Manufacturing Planning. <i>Procedia CIRP</i> , 2014 , 25, 100-105	1.8	1
24	A Feature Based Method for Product-Oriented Representation to Manufacturing Resources in Cloud Manufacturing 2014 ,		1
23	Integrated manufacturing process planning and control based on intelligent agents and multi-dimension features. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 75, 1457-1471	2.7	23
22	Definition and recognition of rib features in aircraft structural part. <i>International Journal of Computer Integrated Manufacturing</i> , 2014 , 27, 1-19	4.3	24
21	Optimized graph-based segmentation for ultrasound images. <i>Neurocomputing</i> , 2014 , 129, 216-224	5.4	43
20	A feature-based method for NC machining time estimation. <i>Robotics and Computer-Integrated Manufacturing</i> , 2013 , 29, 8-14	9.2	14
19	Towards a Feature-based Agent-driven NC Tool Path Generation to Support Design and Process Changes. <i>Computer-Aided Design and Applications</i> , 2013 , 10, 603-618	1.4	11
18	Feedback method from inspection to process plan based on feature mapping for aircraft structural parts. <i>Robotics and Computer-Integrated Manufacturing</i> , 2012 , 28, 294-302	9.2	19
17	A dynamic feature information model for integrated manufacturing planning and optimization. <i>CIRP Annals - Manufacturing Technology</i> , 2012 , 61, 167-170	4.9	53
16	An agent-based collaborative design framework for feature-based design of aircraft structural parts. <i>International Journal of Computer Integrated Manufacturing</i> , 2012 , 25, 888-900	4.3	5

15	A feature-based fixture design methodology for the manufacturing of aircraft structural parts. <i>Robotics and Computer-Integrated Manufacturing</i> , 2011 , 27, 986-993	9.2	40
14	A semantics-based approach for collaborative aircraft tooling design. <i>Advanced Engineering Informatics</i> , 2010 , 24, 149-158	7.4	16
13	Development of Key Technologies in a Case-Based Knowledge System for Fixture Design. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 239-250		1
12	An Aircraft Tooling e-Manufacturing Architecture Based on Mobile Agents. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 1217-1225		
11	Aircraft Tooling Collaborative Design Based on Multi-agent and PDM. <i>Concurrent Engineering Research and Applications</i> , 2009 , 17, 139-146	1.7	10
10	A novel concurrent design process planning method and application 2008 ,		1
9	A PDM-based framework for collaborative aircraft tooling design. <i>International Journal of Production Research</i> , 2008 , 46, 2413-2431	7.8	6
8	Representation and share of part feature information in web-based parts library. <i>Expert Systems With Applications</i> , 2006 , 31, 697-704	7.8	16
7	Research of Application Modes of Parts Library System 2006 , 335-346		
6	Reinforcement learningBased tool orientation optimization for five-axis machining. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	0
5	A meta-reinforcement learning method by incorporating simulation and real data for machining deformation control of finishing process. <i>International Journal of Production Research</i> ,1-15	7.8	0
4	A seven-question based critical thinking framework for cultivating innovation talents in engineering research and its implementation perspectives. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> ,095440542210762	2.4	
3	An accurate cutting tool wear prediction method under different cutting conditions based on continual learning. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> ,095440542199369	2.4	1
2	Informed machine learning-based machining parameter planning for aircraft structural parts. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	1
1	A data-driven minimum stiffness prediction method for machining regions of aircraft structural parts. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	