

# Yingguang Li

## List of Publications by Citations

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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	Rapid prototyping of continuous carbon fiber reinforced polylactic acid composites by 3D printing. <i>Journal of Materials Processing Technology</i> , <b>2016</b> , 238, 218-225	5.3	344
139	A novel free-hanging 3D printing method for continuous carbon fiber reinforced thermoplastic lattice truss core structures. <i>Materials and Design</i> , <b>2018</b> , 137, 235-244	8.1	67
138	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> , <b>2016</b> , 133, 173-183	8.6	54
137	Analysis and optimization of temperature distribution in carbon fiber reinforced composite materials during microwave curing process. <i>Journal of Materials Processing Technology</i> , <b>2014</b> , 214, 544-550	5.3	54
136	A dynamic feature information model for integrated manufacturing planning and optimization. <i>CIRP Annals - Manufacturing Technology</i> , <b>2012</b> , 61, 167-170	4.9	53
135	A new process control method for microwave curing of carbon fibre reinforced composites in aerospace applications. <i>Composites Part B: Engineering</i> , <b>2017</b> , 122, 61-70	10	50
134	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> , <b>2015</b> , 97, 11-17	9.4	49
133	A tool path generation method for freeform surface machining by introducing the tensor property of machining strip width. <i>CAD Computer Aided Design</i> , <b>2015</b> , 66, 1-13	2.9	48
132	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> , <b>2014</b> , 70, 591-606	3.2	43
131	Optimized graph-based segmentation for ultrasound images. <i>Neurocomputing</i> , <b>2014</b> , 129, 216-224	5.4	43
130	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> , <b>2015</b> , 106, 15-19	8.6	41
129	An integrated feature-based dynamic control system for on-line machining, inspection and monitoring. <i>Integrated Computer-Aided Engineering</i> , <b>2015</b> , 22, 187-200	5.2	40
128	A sensor fusion and support vector machine based approach for recognition of complex machining conditions. <i>Journal of Intelligent Manufacturing</i> , <b>2018</b> , 29, 1739-1752	6.7	40
127	A feature-based fixture design methodology for the manufacturing of aircraft structural parts. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2011</b> , 27, 986-993	9.2	40
126	A novel method for accurately monitoring and predicting tool wear under varying cutting conditions based on meta-learning. <i>CIRP Annals - Manufacturing Technology</i> , <b>2019</b> , 68, 487-490	4.9	39
125	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> , <b>2015</b> , 64, 173-176	4.9	36
124	Pose-dependent tool tip dynamics prediction using transfer learning. <i>International Journal of Machine Tools and Manufacture</i> , <b>2019</b> , 137, 30-41	9.4	32

123	Analysis of cutting forces in the ultrasonic elliptical vibration-assisted micro-groove turning process. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 78, 139-152	3.2	31
122	Effects of ultrasonic vibrations in micro-groove turning. <i>Ultrasonics</i> , <b>2016</b> , 67, 30-40	3.5	27
121	Curing multidirectional carbon fiber reinforced polymer composites with indirect microwave heating. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 97, 1137-1147	3.2	27
120	Definition and recognition of rib features in aircraft structural part. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2014</b> , 27, 1-19	4.3	24
119	A temperature distribution prediction model of carbon fiber reinforced composites during microwave cure. <i>Journal of Materials Processing Technology</i> , <b>2016</b> , 230, 280-287	5.3	23
118	Integrated manufacturing process planning and control based on intelligent agents and multi-dimension features. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2014</b> , 75, 1457-1471	4.7	23
117	Microwave curing of multidirectional carbon fiber reinforced polymer composites. <i>Composite Structures</i> , <b>2019</b> , 212, 83-93	5.3	23
116	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> , <b>2015</b> , 229, 1087-1103	2.4	21
115	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> , <b>2018</b> , 107, 10-20	8.4	20
114	Enhanced interlaminar fracture toughness of carbon fiber/bismaleimide composites via microwave curing. <i>Journal of Composite Materials</i> , <b>2017</b> , 51, 2585-2595	2.7	19
113	Curved layer based process planning for multi-axis volume printing of freeform parts. <i>CAD Computer Aided Design</i> , <b>2019</b> , 114, 51-63	2.9	19
112	A manufacturing resource allocation method with knowledge-based fuzzy comprehensive evaluation for aircraft structural parts. <i>International Journal of Production Research</i> , <b>2014</b> , 52, 3239-3258	7.8	19
111	Feedback method from inspection to process plan based on feature mapping for aircraft structural parts. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2012</b> , 28, 294-302	9.2	19
110	Modeling and on-line simulation of surface topography considering tool wear in multi-axis milling process. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 77, 735-749	3.2	19
109	Dynamic feature modelling for closed-loop machining process control of complex parts. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2015</b> , 28, 753-765	4.3	17
108	A region-based 3 + 2-axis machining toolpath generation method for freeform surface. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 97, 1149-1163	3.2	16
107	A semantics-based approach for collaborative aircraft tooling design. <i>Advanced Engineering Informatics</i> , <b>2010</b> , 24, 149-158	7.4	16
106	Representation and share of part feature information in web-based parts library. <i>Expert Systems With Applications</i> , <b>2006</b> , 31, 697-704	7.8	16

105	Advanced Data Collection and Analysis in Data-Driven Manufacturing Process. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , <b>2020</b> , 33,	2.5	16
104	Combining Dynamic Machining Feature With Function Blocks for Adaptive Machining. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2016</b> , 13, 828-841	4.9	15
103	Turning of Microgrooves Both With and Without Aid of Ultrasonic Elliptical Vibration. <i>Materials and Manufacturing Processes</i> , <b>2015</b> , 30, 1001-1009	4.1	15
102	Region based five-axis tool path generation for freeform surface machining via image representation. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2019</b> , 57, 230-240	9.2	15
101	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> , <b>2019</b> , 56, 222-232	9.2	15
100	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> , <b>2016</b> , 85, 1553-1564	3.2	14
99	A feature-based method for NC machining time estimation. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2013</b> , 29, 8-14	9.2	14
98	Kinetics modeling of carbon-fiber-reinforced bismaleimide composites under microwave and thermal curing. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	14
97	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> , <b>2018</b> , 125, 112-122	9.4	14
96	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> , <b>2017</b> , 231, 1332-1340	2.4	13
95	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> , <b>2018</b> , 97, 229-241	3.2	13
94	On-line part deformation prediction based on deep learning. <i>Journal of Intelligent Manufacturing</i> , <b>2020</b> , 31, 561-574	6.7	13
93	A multi-perspective dynamic feature concept in adaptive NC machining of complex freeform surfaces. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2016</b> , 82, 1259-1268	3.2	12
92	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> , <b>2017</b> , 90, 3119-3128	3.2	12
91	A time-varying geometry modeling method for parts with deformation during machining process. <i>Journal of Manufacturing Systems</i> , <b>2020</b> , 55, 15-29	9.1	12
90	Indirect Microwave Curing Process Design for Manufacturing Thick Multidirectional Carbon Fiber Reinforced Thermoset Composite Materials. <i>Applied Composite Materials</i> , <b>2019</b> , 26, 533-552	2	12
89	Multimode tool tip dynamics prediction based on transfer learning. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2019</b> , 57, 146-154	9.2	12
88	Dynamic machining process planning incorporating in-process workpiece deformation data for large-size aircraft structural parts. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2019</b> , 32, 136-147	4.3	12

87	Online learning based intelligent temperature control during polymer composites microwave curing process. <i>Chemical Engineering Journal</i> , <b>2019</b> , 370, 455-465	14.7	11
86	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> , <b>2015</b> , 229, 1206-1220	2.4	11
85	Rule and branch-and-bound algorithm based sequencing of machining features for process planning of complex parts. <i>Journal of Intelligent Manufacturing</i> , <b>2018</b> , 29, 1329-1336	6.7	11
84	Anisotropic Dielectric Properties of Carbon Fiber Reinforced Polymer Composites during Microwave Curing. <i>Applied Composite Materials</i> , <b>2018</b> , 25, 1339-1356	2	11
83	Analysis of the effect and mechanism of microwave curing on the chemical shrinkage of epoxy resins. <i>High Performance Polymers</i> , <b>2017</b> , 29, 1165-1174	1.6	11
82	Towards a Feature-based Agent-driven NC Tool Path Generation to Support Design and Process Changes. <i>Computer-Aided Design and Applications</i> , <b>2013</b> , 10, 603-618	1.4	11
81	Mechanical performance of carbon fiber/epoxy composites cured by self-resistance electric heating method. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 103, 3479-3493	3.2	10
80	Interim feature-based cutting parameter optimization for aircraft structural parts. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 77, 663-676	3.2	10
79	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> , <b>2018</b> , 22, 766-786	2	10
78	Aircraft Tooling Collaborative Design Based on Multi-agent and PDM. <i>Concurrent Engineering Research and Applications</i> , <b>2009</b> , 17, 139-146	1.7	10
77	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> , <b>2014</b> , 228, 1214-1225	2.4	9
76	Reduction of composite deformation based on tool-part thermal expansion matching and stress-free temperature theory. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 88, 1703-1710	3.2	9
75	Image processing-based contour parallel tool path optimization for arbitrary pocket shape. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 102, 1091-1105	3.2	9
74	A Data-drivenParameter Planning Method for Structural Parts NC Machining. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2021</b> , 68, 102080	9.2	9
73	A Cloud Manufacturing Architecture for Complex Parts Machining. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , <b>2015</b> , 137,	3.3	8
72	Five-axis flank milling tool path generation with curvature continuity and smooth cutting force for pockets. <i>Chinese Journal of Aeronautics</i> , <b>2020</b> , 33, 730-739	3.7	8
71	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> , <b>2021</b> , 68, 102079	9.3	8
70	Effect of lay-up configuration on the microwave absorption properties of carbon fiber reinforced polymer composite materials. <i>Materials Today Communications</i> , <b>2021</b> , 26, 101960	2.5	8

69	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> , <b>2018</b> , 49, 16-24	9.1	8
68	Variable-depth multi-pass tool path generation on mesh surfaces. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2018</b> , 95, 2169-2183	3.2	7
67	A part deformation control method via active pre-deformation based on online monitoring data. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 104, 2681-2692	3.2	7
66	Sculptured surface-oriented machining error synthesis modeling for five-axis machine tool accuracy design optimization. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2017</b> , 89, 3285-3298	3.2	7
65	A synchronous association approach of geometry, process and monitoring information for intelligent manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2019</b> , 58, 120-129	9.2	6
64	Dielectric properties of continuous fiber reinforced polymer composites: Modeling, validation, and application. <i>Polymer Composites</i> , <b>2018</b> , 39, 4646-4655	3	6
63	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> , <b>2016</b> , 230, 1513-1524	2.4	6
62	Modeling and simulation of micro-groove topography on cylindrical surface by elliptical vibration-assisted turning. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2016</b> , 86, 1407-1424	3.2	6
61	A PDM-based framework for collaborative aircraft tooling design. <i>International Journal of Production Research</i> , <b>2008</b> , 46, 2413-2431	7.8	6
60	Digital image approach to tool path generation for surface machining. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2019</b> , 101, 2547-2558	3.2	6
59	Micro-flow sensor for continuous resin fluidity monitoring between fibers. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 282, 177-186	8.5	5
58	Feature Based Machine Tool Accuracy Analysis Method. <i>Procedia CIRP</i> , <b>2015</b> , 27, 216-222	1.8	5
57	Collaborative manufacturing of aircraft structural parts based on machining features and software agents. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2016</b> , 87, 1421-1434	3.2	5
56	A feature-based automatic broken surfaces fitting method for complex aircraft skin parts. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2015</b> , 84, 1001	3.2	5
55	An agent-based collaborative design framework for feature-based design of aircraft structural parts. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2012</b> , 25, 888-900	4.3	5
54	A meta-invariant feature space method for accurate tool wear prediction under cross-conditions. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	5
53	Tool-part interaction in composites microwave curing: Experimental investigation and analysis. <i>Journal of Composite Materials</i> , <b>2017</b> , 51, 3719-3730	2.7	4
52	Temperature-independent evanescent wave sensor made of a stress-released silica optical fiber taper. <i>Optical Fiber Technology</i> , <b>2017</b> , 36, 237-244	2.4	4

51	Online monitoring method of degree of cure during non-isothermal microwave curing process. <i>Materials Research Express</i> , <b>2018</b> , 5, 025306	1.7	4
50	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> , <b>2018</b> , 98, 3191-3204	3.2	4
49	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> , <b>2020</b> , 234, 421-430	2.4	4
48	Tool Path Generation Method for Five-axis Flank Milling of Corner by Considering Dynamic Characteristics of Machine Tool. <i>Procedia CIRP</i> , <b>2016</b> , 56, 155-160	1.8	4
47	Feature-based adaptive machining for complex freeform surfaces under cloud environment. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2019</b> , 56, 254-263	9.2	4
46	Physics-informed Bayesian inference for milling stability analysis. <i>International Journal of Machine Tools and Manufacture</i> , <b>2021</b> , 167, 103767	9.4	4
45	Transfer Learning Under Conditional Shift Based on Fuzzy Residual. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	3
44	An allowance allocation method based on dynamic approximation via online inspection data for deformation control of structural parts. <i>Chinese Journal of Aeronautics</i> , <b>2020</b> , 33, 3495-3508	3.7	3
43	Microwave heating and curing of metal-like CFRP laminates through ultrathin and flexible resonance structures. <i>Composites Science and Technology</i> , <b>2022</b> , 218, 109200	8.6	3
42	A Novel Method to Improve Temperature Uniformity in Polymer Composites Microwave Curing Process through Deep Learning with Historical Data. <i>Applied Composite Materials</i> , <b>2020</b> , 27, 1-17	2	3
41	Predicting part deformation based on deformation force data using Physics-informed Latent Variable Model. <i>Robotics and Computer-Integrated Manufacturing</i> , <b>2021</b> , 72, 102204	9.2	3
40	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> , <b>2018</b> , 232, 2375-2385	2.4	2
39	Improvement of Heating Uniformity by Limiting the Absorption of Hot Areas in Microwave Processing of CFRP Composites.. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
38	Zone-regulated microwave heating of CFRP laminates via ultrathin and flexible resonance structures with different working frequencies. <i>Composites Communications</i> , <b>2021</b> , 29, 101016	6.7	2
37	Elastomeric microfluidic valve for active resin flow control within composite structure. <i>Composite Structures</i> , <b>2020</b> , 254, 112844	5.3	2
36	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> , <b>2018</b> , 1, 4	2.9	2
35	Deep transfer learning for conditional shift in regression. <i>Knowledge-Based Systems</i> , <b>2021</b> , 227, 107216	7.3	2
34	Self-resistive electrical heating for rapid repairing of carbon fiber reinforced composite parts. <i>Journal of Reinforced Plastics and Composites</i> , <b>2019</b> , 38, 495-505	2.9	1

33	Integration of process monitoring and inspection based on agents and manufacturing features <b>2014</b> ,		1
32	An Adaptive Process Planning Method Based on Features and Intelligent Agents for the Manufacturing of Large-Scale Parts. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 2214-2219	0.7	1
31	Process Knowledge Representation Based on Dynamic Machining Features and Ontology for Complex Aircraft Structural Parts <b>2015</b> ,		1
30	A Machining Feature Information Model for Dynamic Manufacturing Planning. <i>Procedia CIRP</i> , <b>2014</b> , 25, 100-105	1.8	1
29	A Feature Based Method for Product-Oriented Representation to Manufacturing Resources in Cloud Manufacturing <b>2014</b> ,		1
28	A novel concurrent design process planning method and application <b>2008</b> ,		1
27	A supervised community detection method for automatic machining region construction in structural parts NC machining. <i>Journal of Manufacturing Systems</i> , <b>2022</b> , 62, 367-376	9.1	1
26	Image Morphology-Based Path Generation for High-Speed Pocketing. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , <b>2020</b> , 142,	3.3	1
25	Development of Key Technologies in a Case-Based Knowledge System for Fixture Design. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 239-250		1
24	A cutting parameter optimization method based on dynamic machining features for complex structural parts <b>2016</b> ,		1
23	Cutting Tool Condition Recognition in NC Machining Process of Structural Parts Based on Machining Features. <i>Procedia CIRP</i> , <b>2016</b> , 56, 321-325	1.8	1
22	Mechanism-based Structured Deep Neural Network for Cutting Force Forecasting using CNC Inherent Monitoring Signals. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2021</b> , 1-1	5.5	1
21	Stress-oriented 3D printing path optimization based on image processing algorithms for reinforced load-bearing parts. <i>CIRP Annals - Manufacturing Technology</i> , <b>2021</b> , 70, 195-198	4.9	1
20	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
19	Informed machine learning-based machining parameter planning for aircraft structural parts. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	1
18	ForceNet: An offline cutting force prediction model based on neuro-physical learning approach. <i>Journal of Manufacturing Systems</i> , <b>2021</b> , 61, 1-15	9.1	1
17	Residual stresses field estimation based on deformation force data using Gaussian Process Latent Variable Model. <i>Procedia Manufacturing</i> , <b>2021</b> , 54, 279-283	1.5	1
16	Thermal Manipulation in Multi-Layered Anisotropic Materials via Computed Thermal Patterning. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2109674	15.6	1



15	A collaborative optimization method of machining sequence for deformation control of double-sided structural parts. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2020</b> , 110, 2941-2953	3.2	○
14	Reinforcement learningBased tool orientation optimization for five-axis machining. <i>International Journal of Advanced Manufacturing Technology</i> ,1	3.2	○
13	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	○
12	Transfer learning for regression via latent variable represented conditional distribution alignment. <i>Knowledge-Based Systems</i> , <b>2022</b> , 240, 108110	7.3	○
11	Quasi-Optimal Tool Trajectories for High Speed 2.5D Process Based on Morphological Transformation. <i>CAD Computer Aided Design</i> , <b>2020</b> , 129, 102920	2.9	○
10	Multi-source integrated fusion for surface measurement. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2020</b> , 109, 1815-1823	3.2	○
9	An accurate tool wear prediction method under different cutting conditions based on network architecture search. <i>Procedia Manufacturing</i> , <b>2021</b> , 54, 274-278	1.5	○
8	Layered self-resistance electric heating to cure thick carbon fiber reinforced epoxy laminates. <i>Polymer Composites</i> , <b>2021</b> , 42, 2469-2483	3	○
7	A subsequent-machining-deformation prediction method based on the latent field estimation using deformation force. <i>Journal of Manufacturing Systems</i> , <b>2022</b> , 63, 224-237	9.1	○
6	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> , <b>2022</b> , 77, 102356	9.2	○
5	A Feature-Enhanced Remote Machining Process Monitoring Method. <i>Computer-Aided Design and Applications</i> , <b>2015</b> , 12, 320-326	1.4	
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	Research of Application Modes of Parts Library System <b>2006</b> , 335-346		
2	An Aircraft Tooling e-Manufacturing Architecture Based on Mobile Agents. <i>Advances in Intelligent and Soft Computing</i> , <b>2010</b> , 1217-1225		
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	