

## 机械学院 2018 年发表论文统计

序号	论文题目	作者	发表刊物	期刊类型
1	Fiber Bragg Grating Displacement Sensor with High Abrasion Resistance for a Steel Spring Floating Slab Damping Track	郭永兴	Sensors	SCI
2	Packaging and Temperature Compensation of Fiber Bragg Grating for Strain Sensing: A Survey	郭永兴	Photonic Sensors	SCI
3	Hybrid fiber Bragg grating sensor for vibration and temperature monitoring of a train bearing	郭永兴	Chinese Optics Letters	SCI
4	High-Frequency Optical Fiber Bragg Grating Accelerometer	郭永兴	IEEE Sensors Journal	SCI
5	Buyback contract of reverse supply chains with different risk attitudes under fuzzy demands	夏绪辉	Journal of Intelligent & Fuzzy Systems	SCI
6	Risk-Averse Facility Location for Green Closed-Loop Supply Chain Networks Design under Uncertainty	夏绪辉	Sustainability	SCI
7	Improved Ant Colony-Genetic Algorithm for Information Transmission Path Optimization in Remanufacturing Service System	王蕾	Chinese Journal of Mechanical Engineering	SCI
8	Gesture Recognition Based on Kinect and sEMG Signal Fusion	孙瑛	Mobile Networks and Applications	SCI
9	Decomposition Algorithm for Depth Image of Human Health Posture Based on Brain	孙瑛	Neural Computing and Applications	SCI
10	Jointly network: a network based on CNN and RBM for gesture recognition	孙瑛	Neural Computing and Applications	SCI
11	Quantum rotation gate in quantum-inspired evolutionary algorithm: A review, analysis and comparison study	熊禾根	Swarm and Evolutionary Computation	SCI
12	A comparative study of design sensitivity analysis based on adjoint variable method for transient response of non-viscously damped systems	丁喆	Mechanical Systems and Signal Processing	SCI
13	A modal projection-based reduction method for transient dynamic responses of viscoelastic systems with multiple	丁喆	Computers & Structures	SCI

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	damping models			
14	A modified precise integration method for transient dynamic analysis in structural systems with multiple damping models	丁喆	Mechanical Systems and Signal Processing	SCI
15	Effect of nanostructure on heat transfer between fluid and copper plate: a molecular dynamics simulation study	付婷	Molecular Simulation	SCI
16	Effect of nanostructure on wettability on copper surface: a Molecular dynamica study	付婷	Molecular Simulation	SCI
17	Numerical calculation and experimental research on the ship dynamics of the fluid-structure interaction	黄千稳	Advances in Mechanical Engineering	SCI
18	Accurate Trimming Line Optimization of Multi-Station Progressive Die for Complex Automotive Structural Parts	李贵	International Journal of Advanced Manufacturing Technology	SCI
19	Advance on Friction of Stamping Forming	李贵	International Journal of Advanced Manufacturing Technology	SCI
20	Branch, bound and remember algorithm for U-shaped assembly line balancing problem	李梓响	Computers & Industrial Engineering	SCI
21	Mathematical model and metaheuristics for simultaneous balancing and sequencing of a robotic mixed-model assembly line	李梓响	Engineering Optimization	SCI
22	Discrete cuckoo search algorithms for two-sided robotic assembly line balancing problem	李梓响	Neural Computing & Applications	SCI
23	Damage Detection of Refractory Based on Principle Component Analysis and Gaussian Mixture Model	刘昌明	Complexity	SCI
24	Fault Diagnosis of Rotating Machinery Based on the Multiscale Local Projection Method and Diagonal Slice Spectrum	吕勇	Applied Sciences	SCIE
25	Health Degradation Monitoring and Early Fault Diagnosis of a Rolling Bearing Based on CEEMDAN and Improved MMSE	吕勇	Materials	SCIE
26	Multi-Fault Diagnosis of Rolling Bearings via Adaptive Projection Intrinsically Transformed Multivariate Empirical Mode	吕勇	Sensors	SCIE

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	Decomposition and High Order Singular Value Decomposition			
27	Optimized Adaptive Local Iterative Filtering Algorithm Based on Permutation Entropy for Rolling Bearing Fault Diagnosis	吕勇	Entropy	SCI
28	Fault Diagnosis of Rolling Bearing Based on a Novel Adaptive High-Order Local Projection Denoising Method	吕勇	Complexity	SCIE
29	Optimized Dynamic Mode Decomposition via Non-Convex Regularization and Multiscale Permutation Entropy	党章	Entropy	SCIE
30	Improved Dynamic Mode Decomposition and Its Application to Fault Diagnosis of Rolling Bearing	党章	Sensors	SCIE
31	A Joint Fault Diagnosis Scheme Based on Tensor Nuclear Norm Canonical Polyadic Decomposition and Multi-Scale Permutation Entropy for Gears	易灿灿	Entropy	SCIE
32	Trivariate Empirical Mode Decomposition via Convex Optimization for Rolling Bearing Condition Identification	易灿灿	Sensors	SCIE
33	Multisensor signal denoising based on matching synchrosqueezing wavelet transform for mechanical fault condition assessment	易灿灿	Measurement Science & Technology	SCI
34	A Novel Fault Diagnosis Method for Rolling Bearing Based on Improved Sparse Regularization via Convex Optimization	易灿灿	Complexity	SCIE
35	Improvement of Convex Optimization Baseline Correction in Laser-Induced Breakdown Spectral Quantitative Analysis	易灿灿	Spectroscopy & Spectral Analysis	SCIE
36	基于凸优化的激光诱导击穿光谱基线校正方法	易灿灿	光谱学与光谱分析	SCI
37	Color Contrast-Preserving Decolorization	伍世虔	IEEE Transactions on Image Processing	SCI
38	Double low-rank and sparse decomposition for surface defect segmentation of steel sheet	周诗洋	Applied Sciences-Basel	SCI
39	Multi-Scale Fusion of Two Large-Exposure-Ratio Images	伍世虔	IEEE Signal Processing Letters	SCI

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40	Pyramid histogram of double competitive pattern for finger vein recognition	伍世虔	IEEE Access	SCIE
41	A Novel Detrended Fluctuation Analysis Method for Gear Fault Diagnosis Based on Variational Mode Decomposition	肖涵	shock and vibration	SCI
42	Study on the Magnetic-machine Coupling Characteristics of Giant Magnetostrictive Actuator Based on the Free Energy Hysteresis Characteristics	余震	Sensors	SCI
43	Superior lubrication properties of biomimetic surfaces with hierarchical structure	卢艳	Tribology International	SCI
44	Detecting damage size and shape in a plate structure using PZT transducer array	鲁光涛	JOURNAL OF AEROSPACE ENGINEERING	SCI
45	An optimization approach of selective laser sintering considering energy consumption and material cost	马峰	Journal of Cleaner Production	SCI
46	Structural Stress Monitoring Based on Piezoelectric Impedance Frequency Shift	王涛	Journal of Aerospace Engineering	SCI
47	Evaluation of EDM process for green manufacturing	王贤琳	The International Journal of Advanced Manufacturing technology	SCI
48	Oil Film Thickness Analysis of the Sealing Surface for Hydraulic Rotary Rectangular Vane Actuator	谢良喜	Industrial Lubrication and Tribology	SCI
49	A New Multi-source and Dynamic Energy Modeling Method for Machine Tools	鄢威	The International Journal of Advanced Manufacturing Technology	SCI
50	Aerodynamic Performance of the Three-Dimensional Lumped Flexibility Bionic Hovering Wing	朱建阳	International Journal of Aerospace Engineering	SCI
51	Effect of Wing-Wing Interaction on the Propulsive Performance of Two Flapping Wings at Biplane Configuration	朱建阳	Applied Bionics and Biomechanics	SCI
52	New Crack Detection Method for Bridge Inspection Using UAV Incorporating Image Processing	雷斌	Journal of Aerospace Engineering	SCI
53	An integrated MCDM approach considering demands-matching for reverse logistics	江志刚	Journal of Cleaner Production	SCI
54	A two-stage optimization method for	江志刚	Journal of Cleaner	SCI

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	energy-saving flexible job-shop scheduling based on energy dynamic characterization		Production	
55	An integrated decision-making method for selecting machine tool guideways considering remanufacturability	江志刚	International Journal of Computer Integrated Manufacturing	SCI
56	A Novel Feature Extraction Method for Machine Learning Based on Surface Electromyography from Healthy Brain	李公法	neural computing and applications	SCI
57	Gesture recognition based on modified adaptive orthogonal matching pursuit algorithm	李公法	Cluster Computing	SCI
58	Gesture recognition based on an improved local sparse representation classification algorithm	李公法	Cluster Computing	SCI
59	Hand gesture recognition based on convolution neural network	李公法	Cluster Computing	SCI
60	Numerical Simulation-based Optimization Of Contact Stress Distribution and Lubrication Conditions in the Straight Worm Drive	李公法	Strength of Materials	SCI
61	Gesture recognition based on skeletonization algorithm and CNN with ASL database	李公法	Multimedia Tools and Applications	SCI
62	Thermal Mechanical Stress Analysis of Ladle Lining with Integral Brick Joint	李公法	Archives of Metallurgy and Materials	SCI
63	Gesture recognition based on binocular vision	李公法	Cluster Computing	SCI
64	Towards the sEMG hand: internet of things sensors and haptic feedback application	李公法	Multimedia Tools and Applications	SCI
65	Snapshot POD analysis of transient flow in the pilot stage of a jet pipe servo valve	陈奎生	JOURNAL OF TURBULENCE	SCI
66	A Three-dimensional Fiber Bragg Grating Force Sensor for Robot	蒋国璋	IEEE Sensors Journal	SCI
67	A joint-joint matrix representation of planar kinematic chains with multiple joints and isomorphism identification	孔建益	ADVANCES IN MECHANICAL ENGINEERING	SCI
68	Innovative design method of the metamorphic hand	孔建益	INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS	SCI
69	Photocatalytic Oxidation of Acetone Over	秦丽	FRONTIERS IN	SCI

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	High Thermally Stable TiO <sub>2</sub> Nanosheets With Exposed (001) Facets		CHEMISTRY	
70	Enhanced migrating birds optimization algorithm for U-shaped assembly line balancing problems with workers assignment	唐秋华	Neural Computing and Applications	SCI
71	Modelling and optimisation of energy-efficient U-shaped robotic assembly line balancing problems	唐秋华	International Journal of Production Research	SCI
72	Systematic method for big manufacturing data integration and sharing	向峰	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	SCI
73	Friction performance and optimisation of diamond-like texture on hydraulic cylinder surface	曾良才	MICRO & NANO LETTERS	SCI
74	Diagnosis and Prognosis of Degradation Process via Hidden Semi-Markov Model	曾良才	IEEE-ASME TRANSACTIONS ON MECHATRONICS	SCI
75	Plane-constraint-based calibration method for a galvanometric laser scanner	曾良才	ADVANCES IN MECHANICAL ENGINEERING	SCI
76	Elastohydrodynamic lubrication in point contact on the surfaces of particle-reinforced composite	曾良才	AIP ADVANCES	SCI
77	Robust control simulation on following performance of high-speed railway in situ testing system	曾良才	ADVANCES IN MECHANICAL ENGINEERING	SCI
78	The effect of energy accumulation and boundary slip on laminar flow between rotating plates	曾良才	AIP ADVANCES	SCI
79	Comparative study of response surface methodology and hybrid back-propagation network for optimizing friction coefficient for textured surface under cavitation conditions	曾良才	INDUSTRIAL LUBRICATION AND TRIBOLOGY	SCI
80	Modeling and recognition of steel-plate surface defects based on a new backward boosting algorithm	周敏	International Journal of Advanced Manufacturing Technology	SCI
81	Occupational noise exposure and hypertension: the Dongfeng-Tongji Cohort Study	周敏	JOURNAL OF THE AMERICAN SOCIETY OF HYPERTENSION	SCI

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82	Systematic boundaries in industrial systems: A new concept defined to improve LCA for metallurgical and manufacturing systems	赵刚	Journal of Cleaner Production	SCI
83	A mechanism model for accurately estimating carbon emissions on a micro scale of the steel industrial system	赵刚	ISIJ International (Iron and Steel Institute of Japan)	SCI
84	Analysis of dynamic characteristics of water hydraulic rotating angle self-servo robot joint actuator	蒋林	Journal of Intelligent & Robotic Systems	SCI
85	Adaptive PID Controller for Cloud Smart City System Stability Control based on Chaotic Neural Network	朱学彪	Springer Cluster Computing	SCI
86	Numerical investigation of cavitation in twin-screw pumps	严迪	Proc IMechE Part C: Journal of Mechanical Engineering Science	SCI
87	Research on a kind of self-compensation variable-clearance sealing hydraulic cylinder with a thin shell structure	李远慧	AIP Advances	SCI
88	基于涂层模型的再制造异形件涂油方法及工艺参数优化	夏绪辉	机械工程学报	EI
89	再制造拆卸服务生产线及其平衡优化方法	夏绪辉	计算机集成制造系统	EI
90	再制造服务需求动态获取方法及应用	王蕾	计算机集成制造系统	EI
91	Improved BABC Algorithm for Matching of Remanufacturing Service Resource Module	王蕾	Procedia CIRP	EI
92	Trajectory Planning Algorithm and Simulation of 6-DOF Manipulator	孙瑛	International Journal of Wireless and Mobile Computing	EI
93	Ladle health monitoring system based on LabVIEW	孙瑛	International Journal of Computing Science and Mathematics	EI
94	Adaptive fuzzy sliding mode control algorithm simulation for 2-DOF articulated robot	孙瑛	International Journal of Wireless and Mobile Computing	EI
95	基于遗传规划的动态作业车间调度规则生成	熊禾根	计算机集成制造系统	EI
96	Influence of zinc coating on anisotropic mechanical properties of hot dip galvanized steel sheet DP600	李贵	Journal of Physics: Conference Series	EI
97	多线阵相机系统位姿高精度校准方法	刘源洞	华中科技大学学报(自然科)	EI

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			学版)	
98	A Novel Classification Method Combining Adaptive Local Iterative Filtering With Singular Value Decomposition for Fault Diagnosis	吕勇	Journal of Vibroengineering	EI
99	高阶局部投影算法及其在滚动轴承故障诊断中的应用	吕勇	振动与冲击	EI
100	Image based method for aberration measurement of lithographic tools	许爽	Proceeding of SPIE	EI
101	Separation of Variables Based Method for Fast Calculation of Imaging System in Lithographic tools	许爽	Proceeding of SPIE	EI
102	Polarization aberration measurement of lithographic tools	许爽	Proceeding of SPIE	EI
103	Generalized Transport-of-Intensity Equation Based Space-Frequency Image Signal Analysis	许爽	Computer Science and Information Systems	EI
104	A modified SPEA2 algorithm for sequencing problem with sequence dependent setup constraint in mix-model assembly line	王创剑	Icic Express Letters	EI
105	Numerical Study on Elastic Deformation of End Seal	谢良喜	<u>Sealing Technology</u>	EI
106	Methodology for steel plate remanufacturing cleaning with flexible cable impact contact and friction	张华	Procedia CIRP	EI
107	A Demands-Matching Multi-Criteria Decision-Making Method for Reverse Logistics	江志刚	Procedia CIRP	EI
108	基于目标级联的废旧机械装备多目标优化再设计方法研究*	江志刚	机械工程学报	EI
109	A Big Data based Cost Prediction Method for Remanufacturing End-of-Life Products	江志刚	Procedia CIRP	EI
110	基于 DEVS 的机械加工过程碳排放多粒度动态模型构建及仿真	朱硕	机械工程学报	EI
111	Temperature intelligent prediction model of coke oven flue based on CBR and RBFNN	李公法	International Journal of Computing Science and Mathematics	EI
112	Tactile sensing and feedback in SEMG hand	李公法	International Journal of Computing Science and Mathematics	EI
113	Hand Motions Recognition Based on	李公法	International Journal of	EI



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	sEMG Nonlinear Feature and Time Domain Feature fusion		Innovative Computing and Applications	
114	Surface EMG electrode distribution for Thumb Motion Classification Based on Wireless Communication Equipment	李公法	International Journal of Wireless and Mobile Computing	EI
115	Hyper-heuristic for steelmaking casting rescheduling based on strong disturbance	蒋国璋	International Journal of Wireless and Mobile Computing	EI
116	Knowledge network system based on hybrid production process of iron and steel	蒋国璋	International Journal of Wireless and Mobile Computing	EI
117	Application of improved back-propagation algorithms in classification and detection of scars defects on rails surfaces	孔建益	High Technology Letters	EI
118	Tool Condition Monitoring with Multiscale Discriminant Sparse Decomposition	林昕	IEEE Transactions on Industrial Informatics	EI
119	Drastic promoting the visible photoreactivity of layered carbon nitride by polymerization of dicyandiamide at high pressure	秦丽	Applied Catalysis B: Environmental	EI
120	Improved iterated local search algorithm for type I mixed-model two-sided assembly line balancing problem	唐秋华	Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS	EI
121	Numerical analysis of residual stresses reconstruction for axisymmetric glass components	陶波	Proceedings of SPIE - The International Society for Optical Engineering	EI
122	Modeling and optimal design of Planar Linkage Mechanism of Coupled Joint Clearances for Manufacturing	王兴东	南京航空航天大学学报英文版	EI
123	计及附加质量的热镀锌线沉没辊装置液固耦合振动瞬态响应分析	王兴东	振动与冲击	EI
124	沉没辊振动附加质量计算及试验研究	王兴东	华中科技大学学报自然科学版	EI
125	柔性物料提升机不确定鲁棒控制及振动抑制	王志刚	华中科技大学学报(自然科学版)	EI
126	Research on the influence of nonlocal effect on specific roll pressure by nonlocal stress gradient model in strip rolling	王志刚	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	EI
127	Research on ECBOM modeling and	向峰	Journal of Ambient	EI

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	energy consumption evaluation based on BOM multi-view transformation		Intelligence and Humanized Computing	
128	基于瞬时涡量助推效应的自激振荡腔室脉动研究	汪朝晖	机械工程学报	EI
129	Analysis of motion characteristics of three degrees of freedom decoupling hydraulic self-servo joint	蒋林	International Journal of Computing Science and Mathematics	EI
130	Energy Consumption Prediction Model of Plane Grinder Processing System Based on BP Neural Network	周艳	International Journal of Wireless and Mobile Computing	EI
131	Path planning for robots based on threat assessment and biologically inspired neural network	熊禾根	2018 中国自动化大会	国际会议 (EI)
132	FEM simulation of the effect of cooling rate on prediction of surface deviation of compression molded glass lenses	陶波	IOP Conference Series: Materials Science and Engineering	国际会议 (EI)
133	Research on Multi-source Energy Consumption Characteristics of CNC Machine Tool Processing System	周艳	IOP Conference Series: Materials Science and Engineering (MSE)	国际会议 (EI)
134	Research on Performance of Wire-controlled Hydraulic Steering System Based on Four-wheel Steering	陶平	International Conference on Computer Information and Automation Engineering	国际会议 (EI)
135	Current situation and development trend of intelligent instruments	郭媛	The International Conference on Mechanical, Electric and Industrial Engineering (MEIE2018)	国际会议 (EI)
136	Digital twins technology and its data fusion in iron and steel product life cycle	向峰	ICNSC 2018 - 15th IEEE International Conference on Networking, Sensing and Control	国际会议 (EI)
137	Towards active muscle pattern analysis for dynamic hand motions via sEMG	李公法	18th UK Workshop on Computational Intelligence, UKCI 2018	国际会议 (EI)
138	Gesture recognition based on genetic algorithm	李公法	The 4th International Conference on Control Science and Systems Engineering(ICCSSE 2018)	国际会议 (EI)
139	IMAGE SEGMENTATION ALGORITHM BASED ON CLUSTERING	李公法	Proceedings of the 2018 International Conference on Machine Learning and Cybernetics	国际会议 (EI)
140	PRETREATMENT OF SEMG USING	李公法	Proceedings of the 2018	国际会议

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	WAVELET THRESHOLD METHOD		International Conference on Machine Learning and Cybernetics	(EI)
141	ELECTROMECHANICAL CONTROL BASED ON ARTIFICIAL NEURAL NETWORK	李公法	Proceedings of the 2018 International Conference on Machine Learning and Cybernetics	国际会议 (EI)
142	RESEARCH ON IMAGE COMPRESSION TECHNOLOGY BASED ON BP NEURAL NETWORK	李公法	Proceedings of the 2018 International Conference on Machine Learning and Cybernetics	国际会议 (EI)
143	SURFACE EMG CHANNEL SELECTION FOR THUMB MOTION CLASSIFICATION	李公法	Proceedings of the 2018 International Conference on Machine Learning and Cybernetics	国际会议 (EI)
144	Gesture Recognition Based on Depth Information and Convolutional Neural Network	李公法	2018 IEEE International Conference on Systems, Man and Cybernetics (SMC2018)	国际会议 (EI)
145	Study of the Effect of Tool Orientation on Surface Roughness in Five-Axis Milling of 300M Steel	段现银	2018 International Conference on Advanced Materials, Intelligent Manufacturing and Automation	国际会议 (EI)
146	Defocus Fuzzy Image Restoration	李公法	2018 the 2nd annual conference on Cloud Technology and Communication Engineering [CTCE2018]	国际会议 (EI)
147	calibration methods of projector-camera structured light system:A comparative analysis	伍世虔	Internet Conference on Intelligent Autonomous Systems,ICoIAS 2018	国际会议 (EI)
148	An Object Segmentation Method based on Image Contour and Local Convexity for 3D Vision Guided Bin-Picking Applications	伍世虔	Internet Conference on Real-time Computing and Robotics, RCAR 2018	国际会议 (EI)
149	Path planning combining improved rapidly-exploring random trees with dynamic window approach in ROS	伍世虔	13th IEEE Conference on Industrial Electronics and Applications, ICIEA 2018	国际会议 (EI)
150	Semi-Analytical Modelling of Synthetic Static Stiffness for Machining System of Five Axis Machine Tool	段现银	International Conference on Advanced Electronic Materials, Computers and Materials Engineering	国际会议 (EI)
151	Adaptive sampling based 3D profile	段现银	International Conference on	国际会议

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	measuring method for free-form surface		Robotics and Mechantronics	(EI)
152	Tool orientation planning for minimizing elastic deflection error in five-axis machining of copper alloy	段现银	International Conference on Advanced Electronic Materials, Computers and Materials Engineering	国际会议 (EI)
153	RESEARCH ON IMAGE SEGMENTATION BASED ON SUPPORT VECTOR	孙璜	Proceedings of the 2018 International Conference on Machine Learning and Cybernetics	国际会议 (EI)
154	Research on Image Segmentation Technology Based on Genetic Algorithm	孙璜	4th International Conference on Control Science and Systems Engineering	国际会议 (EI)
155	Coordinated control system of multi-level belt conveyors for promotion the energy efficiency based on IoT-Technology	曾飞	2018 5th International Conference on Information Science and Control Engineering	国际会议 (EI)
156	The Curriculum Design and Teaching System Reforming Exploration of Engineering Training	许爽	Information, Communication and Social Sciences	国际会议
157	Fatigue Analysis of Engine Connecting Rod Based on Workbench	杨丹	Advances in Computer Science Research	国际会议
158	Modal Analysis of Automobile Brake Drum Based on ANSYS Workbench	杨丹	Advances in Computer Science Research	国际会议
159	A 3D printer using column coordinate system and slice algorithm	谢良喜	2018 The 2nd International Conference on Mechatronics and Mechanical Design (ICMMD 2018)	国际会议
160	A feature-based prediction method for energy consumption of machining process and its application	鄢威	Materials Science and Engineering	国际会议
161	自动化电流体喷印平台控制系统的设计与实现	潘艳桥	自动化仪表	中文核心
162	波轮式洗衣机脱水桶的结构分析与多目标优化设计	蔡芸	机械强度	中文核心
163	不同封装方式的光纤光栅传感与温补特性	郭永兴	激光与光电子学进展	中文核心
164	面向再制造服务的回转类表面缺陷识别	夏绪辉	现代电子技术	中文核心
165	考虑时间和能耗的立体仓库三维空间路径优化	夏绪辉	武汉科技大学学报(自然科学版)	中文核心
166	hAPF-ACO:广义障碍环境下的移动机器人路径规划算法	熊禾根	高技术通讯	中文核心
167	一种面向机器人分拣的杂乱工件视觉检	熊禾根	高技术通讯	中文核心

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	测识别方法			
168	基于改进粒子群算法的焊接机器人轨迹优化控制方法	熊禾根	高技术通讯	中文核心
169	二元驱动串并联机器人结构参数约束条件分析	赵慧	机械设计与制造	中文核心
170	双主轴铣削加工中心立柱的静动特性分析及多目标优化	赵慧	机床与液压	中文核心
171	激光选取熔化成型件铣削表面粗糙度及参数优化研究	段现银	现代制造工程	中文核心
172	钢结构壁面机器人模糊控制系统设计	范勤	机床与液压	中文核心
173	FDM 技术中加热底板样式对翘曲变形的影响研究	范勤	工程设计学报	中文核心
174	位置扰动型电液力控制系统多余力控制	金晓宏	武汉科技大学学报	中文核心
175	被动式电液力加载系统多余力的研究	金晓宏	机械设计与制造	中文核心
176	含有负值弹性刚度电液位置伺服系统研究	金晓宏	机械设计与制造	中文核心
177	6R 两自由度空间扑翼机构设计与分析	金晓宏	机械科学与技术	中文核心
178	复杂汽车零件级进模中间几何构形生成算法	李贵	锻压技术	中文核心
179	汽车覆盖件旋转斜楔冲压工艺优化设计	李贵	锻压技术	中文核心
180	板料冲压成形摩擦研究现状及发展趋势	李贵	锻压技术	中文核心
181	先进高强钢 DP1000 地板中央通道的成形回弹及补偿研究	李贵	材料科学与工艺	中文核心
182	模具二维装配图件号自动标注算法研究与系统开发	李贵	锻压技术	中文核心
183	先进高强度镀锌钢板冲压成形摩擦及表面损伤研究进展	李贵	塑性工程学报	中文核心
184	压缩感知框架下的共振解调故障诊断方法	吕勇	中国机械工程	中文核心
185	CSP 摆剪减速器轴承失效原因分析及其改进措施	易灿灿	机械设计与制造	中文核心
186	基于多传感器时频分布的机械故障信号欠定盲源分离方法	易灿灿	武汉科技大学学报	中文核心
187	基于 $\gamma$ 变换的 Weber-faces 的人脸识别方法	伍世虔	计算机应用与软件	中文核心
188	基于 Fechner 定律和梯度特征的人脸识别方法	伍世虔	计算机应用与软件	中文核心
189	基于双目视觉的零件多尺寸在线测量系统	伍世虔	仪表技术与传感器	中文核心
190	基于 Kinect 的机器人采摘果蔬系统设计	伍世虔	农机化研究	中文核心
191	一种用于机器人水果采摘的快速识别方法	伍世虔	农机化研究	中文核心

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192	竖直运动高温带钢冷却特性研究	邹光明	计算机仿真	中文核心
193	雾化喷嘴结构对喷雾冷却性能影响的研究	邹光明	机械设计与制造	中文核心
194	平板式催化剂装箱过程中轨迹规划的研究	邹光明	机械设计与制造	中文核心
195	一种四自由度催化剂板搬运机器人研究	邹光明	机械设计与制造	中文核心
196	叠加式压电陶瓷智能骨料特性仿真研究	鲁光涛	武汉科技大学学报	中文核心
197	基于螺母外侧压电材料阻抗峰值频率变化的螺栓松动监测	王涛	传感技术学报	中文核心
198	点接触乏油混合润滑的数值模拟研究	赵三星	润滑与密封	中文核心
199	静密封条件下摆动油缸端面密封的建模与仿真	谢良喜	润滑与密封	中文核心
200	遗传小波神经网络在机床碳排放预测中的应用	张华	机械设计与制造	中文核心
201	零件分类条件下废旧产品拆卸序列多目标优化	张华	现代制造工程	中文核心
202	面向节能高效需求的数控加工系统多目标优化模型	鄢威	中国机械工程	中文核心
203	废旧机械装备再制造成本分析与预测	江志刚	组合机床与自动化加工技术	中文核心
204	再制造成本效益的一种定量分析模型及应用	江志刚	组合机床与自动化加工技术	中文核心
205	基于信息熵的废旧产品再制造方案复杂性测度及应用	江志刚	现代制造工程	中文核心
206	基于 SOM 的产品设计结构模块划分及其评价	李颖	武汉科技大学学报(自然科学版)	中文核心
207	基于改进自适应正交匹配追踪算法的手势识别	李公法	中国机械工程	中文核心
208	偏转板伺服阀射流放大器结构参数优化研究	陈奎生	液压与气动	中文核心
209	钢铁生产智能调度系统模型重构的研究	蒋国璋	机械设计与制造	中文核心
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211	马铃薯收获机升运带块茎运动碰撞分析	王兴东	农机化研究	中文核心
212	顶吹搅拌液相流体的水模实验与数值模拟分析	王兴东	武汉科技大学学报	中文核心
213	传动柔性提升机神经网络鲁棒控制及振动抑制	王志刚	武汉科技大学学报(自然科学版)	中文核心
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215	基于 Midas/Civil 的自动抹灰机非对称桁架优化设计与试验	周敏	现代制造工程	中文核心
216	圆柱滚子轴承的瞬态温度场分析	罗会信	机械设计与制造	中文核心

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217	考虑焊趾形貌的十字焊接接头疲劳评定研究	魏国前	机械强度	中文核心
218	铸造起重机金属结构的疲劳评定方法研究	魏国前	机械设计与制造	中文核心
219	十字焊接接头疲劳试验与宏观断口分析	魏国前	实验室研究与探索	中文核心
220	几何参数对梯形波纹腹板梁疲劳性能的影响	魏国前	电焊机	中文核心
221	焊趾裂纹前沿扩展的动态数值仿真分析	魏国前	机械科学与技术	中文核心
222	铁液脱硫搅拌器的热-结构耦合分析与优化	但斌斌	铸造技术	中文核心
223	多路阀耐压试验台研制及信号优化	黄浩	机床与液压	中文核心
224	多自由度空间摆动式自动喷洒机构设计与实现	涂福泉	农机化研究	中文核心
225	利用压力损失补偿方法提高气力提升装置性能研究	汪朝晖	机械科学与技术	中文核心
226	气液同轴自激振荡式雾化喷嘴设计与流场分析	汪朝晖	机械设计与研究	中文核心
227	脉动剪切层涡流运动下换热特性研究	高全杰	机械科学与技术	中文核心
228	基于工艺参数响应曲面的 FDM 3D 打印机能耗分析	赵刚	组合机床与自动化加工技术	中文核心
229	基于斜角切削理论铣削功率动态模型研究	赵刚	组合机床与自动化加工技术	中文核心
230	面向制造过程的钢铁企业绿色性量化评价	赵刚	机械设计与制造	中文核心
231	平行圆板径向湍流不可压缩边界层的近似解	郭良斌	润滑与密封	中文核心
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233	结晶器自动加渣机补偿机构设计与控制优化	陈新元	机械传动	中文核心
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241	考虑失效特征的废旧零部件再制造成本预测模型研究	张旭刚	中国机械工程	中文核心
242	基于计算机视觉的材料感知技术综述	伍世虔	计算机应用研究	中文核心
243	基于子结构耦合的机床主轴-刀具系	余震	组合机床与自动化加工技	中文核心

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