

Yaonan

List of Publications by Year in descending order

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223
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196777
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times ranked

2773
citing authors

#	ARTICLE	IF	CITATIONS
1	Anchor Association Learning for Unsupervised Video Person Re-Identification. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1013-1024.	7.2	3
2	A Timestamp-Based Inertial Best-Response Dynamics for Distributed Nash Equilibrium Seeking in Weakly Acyclic Games. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1330-1340.	7.2	2
3	Elementary Subgraph Features for Link Prediction With Neural Networks. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3822-3831.	4.0	4
4	A Homography-Based Visual Servo Control Approach for an Underactuated Unmanned Aerial Vehicle in GPS-Denied Environments. IEEE Transactions on Intelligent Vehicles, 2023, 8, 1119-1129.	9.4	6
5	An Augmented Game Approach for Design and Analysis of Distributed Learning Dynamics in Multiagent Games. IEEE Transactions on Cybernetics, 2023, 53, 6951-6962.	6.2	4
6	A Tightly Coupled Feature-Based Visual-Inertial Odometry With Stereo Cameras. IEEE Transactions on Industrial Electronics, 2023, 70, 3944-3954.	5.2	5
7	Adaptive Neural Design of Consensus Controllers for Nonlinear Multiagent Systems Under Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 309-320.	5.9	2
8	Robust Image-Based Landing Control of a Quadrotor on an Unpredictable Moving Vehicle Using Circle Features. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1429-1440.	3.4	7
9	Self-Paced Broad Learning System. IEEE Transactions on Cybernetics, 2023, 53, 4029-4042.	6.2	9
10	Adaptive Prescribed Performance Control of Unmanned Aerial Manipulator With Disturbances. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1804-1814.	3.4	7
11	Consensus-Based Multipopulation Game Dynamics for Distributed Nash Equilibria Seeking and Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 813-823.	5.9	2
12	A Model of Extraction of Railâ€™s Vertical Corrugation Based on Flexible Virtual Ruler. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1097-1108.	4.7	0
13	Adamsâ€™Bashforth-Type Discrete-Time Zeroing Neural Networks Solving Time-Varying Complex Sylvester Equation With Enhanced Robustness. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3287-3298.	5.9	4
14	A Practical Robotic Grasping Method by Using 6-D Pose Estimation With Protective Correction. IEEE Transactions on Industrial Electronics, 2022, 69, 3876-3886.	5.2	15
15	Inverse Optimal Design of Direct Adaptive Fuzzy Controllers for Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 1669-1682.	6.5	20
16	Stochastic Joint Alignment of Multiple Point Clouds for Profiled Blades 3-D Reconstruction. IEEE Transactions on Industrial Electronics, 2022, 69, 1682-1693.	5.2	9
17	Distributed Population Dynamics for Searching Generalized Nash Equilibria of Population Games With Graphical Strategy Interactions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3263-3272.	5.9	15
18	Geometric Formation Tracking of Quadrotor UAVs Using Pose-Only Measurements. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1159-1163.	2.2	7

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19	Gliding grasping analysis and hybrid force/position control for unmanned aerial manipulator system. ISA Transactions, 2022, 126, 377-387.	3.1	3
20	Novel asymptotic stability criterion for fractional-order gene regulation system with time delay. Asian Journal of Control, 2022, 24, 3095-3104.	1.9	9
21	ST-FMT*: A Fast Optimal Global Motion Planning for Mobile Robot. IEEE Transactions on Industrial Electronics, 2022, 69, 3854-3864.	5.2	7
22	On Generalized Zeroing Neural Network Under Discrete and Distributed Time Delays and Its Application to Dynamic Lyapunov Equation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5114-5126.	5.9	7
23	Active 3-D Thermography Based on Feature-Free Registration of Thermogram Sequence and 3-D Shape Via a Single Thermal Camera. IEEE Transactions on Industrial Electronics, 2022, 69, 11774-11784.	5.2	3
24	Geometric Inlier Selection for Robust Rigid Registration With Application to Blade Surfaces. IEEE Transactions on Industrial Electronics, 2022, 69, 9206-9215.	5.2	2
25	Geometric-based prescribed performance control for unmanned aerial manipulator system under model uncertainties and external disturbances. ISA Transactions, 2022, 128, 367-379.	3.1	1
26	Deep Progressive Fusion Stereo Network. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25437-25447.	4.7	3
27	Indoor Environment Mapping of Mobile Robot Based on Efficient DSM-PF Method. IEEE Sensors Journal, 2022, 22, 3672-3685.	2.4	3
28	Robust Multipoint-Sets Registration for Free-Form Surface Based on Probability. IEEE Transactions on Industrial Electronics, 2022, 69, 13151-13161.	5.2	2
29	Circle detection with model fitting in polar coordinates for glass bottle mouth localization. International Journal of Advanced Manufacturing Technology, 2022, 120, 1041-1051.	1.5	5
30	High-order control barrier functions-based impedance control of a robotic manipulator with time-varying output constraints. ISA Transactions, 2022, 129, 361-369.	3.1	20
31	Fuzzy sampled-data exponential synchronization of T -fuzzy complex networks with discontinuous activations and mixed time-varying delays. IET Control Theory and Applications, 2022, 16, 789-798.	1.2	2
32	Autonomous Obstacle Avoidance and Target Tracking of UAV Based on Deep Reinforcement Learning. Journal of Intelligent and Robotic Systems: Theory and Applications, 2022, 104, 1.	2.0	13
33	Generalized Maximum Correntropy Kalman Filter for Target Tracking in TianGong-2 Space Laboratory. Space: Science & Technology, 2022, 2022, .	1.0	4
34	Correlation filter tracking algorithm based on spatial-temporal regularization and context awareness. Applied Intelligence, 2022, 52, 17772-17783.	3.3	2
35	Pharmaceutical Foreign Particle Detection: An Efficient Method Based on Adaptive Convolution and Multiscale Attention. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 1302-1313.	3.4	2
36	Multiview Point Cloud Registration Based on Minimum Potential Energy for Free-Form Blade Measurement. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	2.4	7

#	ARTICLE	IF	CITATIONS
37	Impartial Differentiable Automatic Data Augmentation Based on Finite Difference Approximation for Pedestrian Detection. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	2.4	3
38	3D Gradient Reconstruction-Based Path Planning Method for Autonomous Vehicle With Enhanced Roll Stability. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20563-20571.	4.7	4
39	Finite-Time Pinning Synchronization Control for T-S Fuzzy Discrete Complex Networks with Time-Varying Delays via Adaptive Event-Triggered Approach. Entropy, 2022, 24, 733.	1.1	1
40	Image Dynamics-Based Visual Servo Control for Unmanned Aerial Manipulator With a Virtual Camera. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5264-5274.	3.7	3
41	Differentiable Automatic Data Augmentation by Proximal Update for Medical Image Segmentation. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1315-1318.	8.5	7
42	Fixed-Time Adaptive Fuzzy Control for Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3769-3781.	6.5	67
43	Discriminative Face Hallucination via Locality-Constrained and Category Embedding Representation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7314-7325.	5.9	5
44	Adaptive Image-Based Leader-Follower Formation Control of Mobile Robots With Visibility Constraints. IEEE Transactions on Industrial Electronics, 2021, 68, 6010-6019.	5.2	54
45	Efficient Critical Point Detection for Curvilinear Structures Using a Ring-Like Ray-Shooting Model. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	3
46	Vision-Based Formation Control of Mobile Robots With FOV Constraints and Unknown Feature Depth. IEEE Transactions on Control Systems Technology, 2021, 29, 2231-2238.	3.2	31
47	Two potential fields fused adaptive path planning system for autonomous vehicle under different velocities. ISA Transactions, 2021, 112, 176-185.	3.1	21
48	Viewpoints Planning for Active 3-D Reconstruction of Profiled Blades Using Estimated Occupancy Probabilities (EOP). IEEE Transactions on Industrial Electronics, 2021, 68, 4109-4119.	5.2	10
49	L-CSMS: novel lightweight network for plant disease severity recognition. Journal of Plant Diseases and Protection, 2021, 128, 557-569.	1.6	19
50	Multi-Model and Multi-Expert Correlation Filter for High-Speed Tracking. IEEE Access, 2021, 9, 52326-52335.	2.6	3
51	Defect detection in code characters with complex backgrounds based on BBE. Mathematical Biosciences and Engineering, 2021, 18, 3755-3780.	1.0	1
52	Ultrathin Three-Axis FBG Wrist Force Sensor for Collaborative Robots. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	2.4	11
53	Crossover Structure Separation With Application to Neuron Tracing in Volumetric Images. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	2
54	Online 3-D Modeling of Complex Workpieces for the Robotic Spray Painting With Low-Cost RGB-D Cameras. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	6

#	ARTICLE	IF	CITATIONS
55	Adaptive and Exponential Synchronization of Uncertain Fractional-Order T-S Fuzzy Complex Networks With Coupling Time-Varying Delays via Pinning Control Strategy. IEEE Access, 2021, 9, 2007-2017.	2.6	6
56	GSNet: Group Sequential Learning for Image Recognition. Cognitive Computation, 2021, 13, 538-551.	3.6	0
57	Boundary Gap Based Reactive Navigation in Unknown Environments. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 468-477.	8.5	13
58	Design and Collaborative Operation of Multimobile Inspection Robots in Smart Microgrids. Complexity, 2021, 2021, 1-11.	0.9	6
59	Adaptive extended state observer-based distributed fault detection and estimation for an unstable wave equation. , 2021, , .		0
60	Robust Image-based Landing Control of a Quadrotor on an Unknown Moving Platform Using Circle Features. , 2021, , .		3
61	Spatio-temporal fault localization for nonlinear spatially distributed processes: A spatial mapping filter-based framework. International Journal of Robust and Nonlinear Control, 2021, 31, 6953-6971.	2.1	2
62	Adaptive fuzzy control of mobile robots with full-state constraints and unknown longitudinal slipping. Nonlinear Dynamics, 2021, 106, 3315-3330.	2.7	11
63	Distributed Formation Control of Quadrotor UAVs Based on Rotation Matrices without Linear Velocity Feedback. International Journal of Control, Automation and Systems, 2021, 19, 3464-3474.	1.6	6
64	Automatic Repair of 3-D Neuron Reconstruction Based on Topological Feature Points and an MOST-Based Repairer. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	4
65	FlowDriveNet: An End-to-End Network for Learning Driving Policies from Image Optical Flow and LiDAR Point Flow. , 2021, , .		1
66	Deep residual deconvolutional networks for defocus blur detection. IET Image Processing, 2021, 15, 724-734.	1.4	1
67	A Resilient Distributed Consensus Control Scheme for DC Microgrids Over Fading Channels. , 2021, , .		1
68	Hyperspectral Image Classification for Foreign Bodies in Medicine Based on Spatial-Spectral Fusion Feature. , 2021, , .		1
69	A Pose Estimation Approach Based on Keypoints Detection for Robotic Bin-picking Application. , 2021, , .		2
70	Low-Complexity Prescribed Performance Control of Wheeled Mobile Robot with Skidding and Slipping. , 2021, , .		0
71	Defect detection method with local low pass filter and adaptive threshold segmentation for photovoltaic cells. , 2021, , .		0
72	Real time counting system of glass bottle based on Multi Objects tracking. , 2021, , .		1

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73	Asymptotic Stabilization Control of Fractional-order Flexible Single-Lever Manipulator System via Vector Lyapunov Function Combined with M-matrix Method. , 2021, , .		0
74	Research on Autonomous Obstacle Avoidance and Target Tracking of UAV Based on Improved Dueling DQN Algorithm. , 2021, , .		3
75	Geometric Formation Tracking of Aerial Robot Swarms Without Linear Velocity Measurements Over Directed Networks. , 2021, , .		1
76	Adaptive NN based Visual Servoing Control for Robot Manipulator with Field of View Constraints and Dynamic Uncertainties. , 2021, , .		1
77	DM-RIS: Deep Multimodel Rail Inspection System With Improved MRF-GMM and CNN. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1051-1065.	2.4	54
78	A Surface Defect Detection Framework for Glass Bottle Bottom Using Visual Attention Model and Wavelet Transform. IEEE Transactions on Industrial Informatics, 2020, 16, 2189-2201.	7.2	84
79	Feature extraction method based on spectral dimensional edge preservation filtering for hyperspectral image classification. International Journal of Remote Sensing, 2020, 41, 90-113.	1.3	4
80	A Practical Visual Servo Control for Aerial Manipulation Using a Spherical Projection Model. IEEE Transactions on Industrial Electronics, 2020, 67, 10564-10574.	5.2	36
81	Real-Time Classification of Rubber Wood Boards Using an SSR-Based CNN. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8725-8734.	2.4	31
82	Robust Control for Unmanned Aerial Manipulator Under Disturbances. IEEE Access, 2020, 8, 129869-129877.	2.6	13
83	Distributed computing based on AI algorithms in battery early warning and SoH prediction of the intelligent connected vehicles. Neural Computing and Applications, 2020, , 1.	3.2	2
84	Multi - Mobile Robot Leader -Follower Formation Distributed Control Under Switching Topology. , 2020, , .		4
85	A Survey of Brake-by-Wire System for Intelligent Connected Electric Vehicles. IEEE Access, 2020, 8, 225424-225436.	2.6	23
86	Data-Driven Distributed Coordinated Control for Cloud-Based Model-Free Multiagent Systems With Communication Constraints. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3187-3198.	3.5	27
87	RNTR-Net: A Robust Natural Text Recognition Network. IEEE Access, 2020, 8, 7719-7730.	2.6	5
88	Autonomous mobile robot path planning in unknown dynamic environments using neural dynamics. Soft Computing, 2020, 24, 13979-13995.	2.1	27
89	Deep Multimodel Cascade Method Based on CNN and Random Forest for Pharmaceutical Particle Detection. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7028-7042.	2.4	21
90	Predictive Compensation-Based Handling Stability Control Systems for Autonomous Vehicles under Transient Crosswind. , 2020, , .		0

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91	The Automatic Liquid Particles Detection for Injection. , 2020, , .		1
92	A neural-network enhanced modeling method for real-time evaluation of the temperature distribution in a data center. Neural Computing and Applications, 2019, 31, 8379-8391.	3.2	20
93	A Robust Adaptive Trajectory Tracking Algorithm Using SMC and Machine Learning for FFSGRs with Actuator Dead Zones. Applied Sciences (Switzerland), 2019, 9, 3837.	1.3	4
94	Robust adaptive motion/force control scheme for crawler-type mobile manipulator with nonholonomic constraint based on sliding mode control approach. ISA Transactions, 2019, 92, 166-179.	3.1	21
95	Circumnavigation of a Moving Target in 3D by Multi-agent Systems with Collision Avoidance: An Orthogonal Vector Fields-based Approach. International Journal of Control, Automation and Systems, 2019, 17, 212-224.	1.6	24
96	Automated Visual Inspection of Glass Bottle Bottom With Saliency Detection and Template Matching. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4253-4267.	2.4	57
97	Solder joint image adaptive block compressive sensing with convex optimisation and Gini index. Journal of Engineering, 2019, 2019, 8923-8926.	0.6	0
98	Machine learning-based robust trajectory tracking control for FSGR. Journal of Engineering, 2019, 2019, 9220-9225.	0.6	1
99	Automated Machine Vision System for Liquid Particle Inspection of Pharmaceutical Injection. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1278-1297.	2.4	43
100	Adaptive Tracking Control of Nonholonomic Mobile Manipulators Using Recurrent Neural Networks. International Journal of Control, Automation and Systems, 2018, 16, 1390-1403.	1.6	30
101	Automatic Visual Detection System of Railway Surface Defects With Curvature Filter and Improved Gaussian Mixture Model. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1593-1608.	2.4	111
102	A Novel Distributed Secondary Coordination Control Approach for Islanded Microgrids. IEEE Transactions on Smart Grid, 2018, 9, 2726-2740.	6.2	169
103	Finite-Time L1 Gain Control for Positive Periodic Piecewise Linear Systems. , 2018, , .		0
104	Using SoC Online Correction Method Based on Parameter Identification to Optimize the Operation Range of NI-MH Battery for Electric Boat. Energies, 2018, 11, 586.	1.6	9
105	Non-weighted filtering for positive switched delay systems. IET Control Theory and Applications, 2018, 12, 1046-1054.	1.2	17
106	Ultrasensitive optical reflectivity in annular nanohole array on Photonic crystal slab based on bound states in the continuum. Scientific Reports, 2018, 8, 12455.	1.6	12
107	A System for Automated Detection of Ampoule Injection Impurities. IEEE Transactions on Automation Science and Engineering, 2017, 14, 1119-1128.	3.4	14
108	Adaptive and robust control of quadrotor aircrafts with input saturation. Nonlinear Dynamics, 2017, 89, 255-265.	2.7	58

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109	Safety-Enhanced Motion Planning for Flexible Surgical Manipulator Using Neural Dynamics. IEEE Transactions on Control Systems Technology, 2017, 25, 1711-1723.	3.2	30
110	Operating Point Optimization of Auxiliary Power Unit Using Adaptive Multi-Objective Differential Evolution Algorithm. IEEE Transactions on Industrial Electronics, 2017, 64, 115-124.	5.2	41
111	Formation control of quadrotor UAVs without linear velocity measurements. , 2017, , .		10
112	Stability analysis for discrete time positive switched delay systems under MDADT. , 2017, , .		1
113	Automatic crack inspection for concrete bridge bottom surfaces based on machine vision. , 2017, , .		12
114	Automatic Camera Calibration Using Active Displays of a Virtual Pattern. Sensors, 2017, 17, 685.	2.1	25
115	Orthogonal vector field-based control for a multi-robot system circumnavigating a moving target in 3D. , 2016, , .		10
116	Analysis and Control of Networked Game Dynamics via A Microscopic Deterministic Approach. IEEE Transactions on Automatic Control, 2016, 61, 4118-4124.	3.6	30
117	A Unified Tractable Approach for Random Drifts on Dynamical Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 299-303.	2.2	1
118	Distributed impulsive control for islanded microgrids with variable communication delays. IET Control Theory and Applications, 2016, 10, 1732-1739.	1.2	48
119	Learning deep transmission network for single image dehazing. , 2016, , .		24
120	Adaptive robust RBFNNs-based model estimator for a small quadrotor aircraft robot. , 2016, , .		0
121	A Machine Vision Apparatus and Method for Can-End Inspection. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2055-2066.	2.4	51
122	Adaptive transmission compensation via human visual system for efficient single image dehazing. Visual Computer, 2016, 32, 653-662.	2.5	9
123	Robust Regenerative Charging Control Based on Tâ€™S Fuzzy Sliding-Mode Approach for Advanced Electric Vehicle. IEEE Transactions on Transportation Electrification, 2016, 2, 52-65.	5.3	45
124	Novel Hybrid Load-Frequency Controller Applying Artificial Intelligence Techniques Integrated with Superconducting Magnetic Energy Storage Devices for an Interconnected Electric Power Grid. Arabian Journal for Science and Engineering, 2016, 41, 3309-3320.	1.1	5
125	A Method for Metric Learning with Multiple-Kernel Embedding. Neural Processing Letters, 2016, 43, 905-921.	2.0	12
126	The Quality Detection of Surface Defect in Dispensing Dack-End Based on HALCON. , 2016, , .		4

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127	Gradient-based compressive sensing for noise image and video reconstruction. IET Communications, 2015, 9, 940-946.	1.5	4
128	A Method to Calibrate Vehicle-Mounted Cameras Under Urban Traffic Scenes. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3270-3279.	4.7	5
129	Foreign Particle Inspection for Infusion Fluids via Robust Dictionary Learning. , 2015, , .		2
130	Collision-free consensus via order preservation in multi-agent networks. , 2015, , .		1
131	Minimum sweeping area motion planning for flexible serpentine surgical manipulator with kinematic constraints. , 2015, , .		10
132	Simultaneous Stabilization and Tracking of Nonholonomic Mobile Robots: A Lyapunov-Based Approach. IEEE Transactions on Control Systems Technology, 2015, 23, 1440-1450.	3.2	120
133	Three-dimensional path planning based on ant colony algorithm with potential field For rotary-wing flying robot. , 2015, , .		3
134	Adaptive extended piecewise histogram equalisation for dark image enhancement. IET Image Processing, 2015, 9, 1012-1019.	1.4	51
135	Fuzzy radial basis function neural network PID control system for a quadrotor UAV based on particle swarm optimization. , 2015, , .		19
136	Operating Point Optimization of Auxiliary Power Unit Based on Dynamic Combined Cost Map and Particle Swarm Optimization. IEEE Transactions on Power Electronics, 2015, 30, 7038-7050.	5.4	16
137	Adaptive-backstepping force/motion control for mobile-manipulator robot based on fuzzy CMAC neural networks. Control Theory and Technology, 2014, 12, 368-382.	1.0	14
138	Obstacle Classification and 3D Measurement in Unstructured Environments Based on ToF Cameras. Sensors, 2014, 14, 10753-10782.	2.1	22
139	A Novel Diagnosis Method for a Hall Plates-Based Rotary Encoder with a Magnetic Concentrator. Sensors, 2014, 14, 13980-13998.	2.1	10
140	Multi-Dimensional MEMS/Micro Sensor for Force and Moment Sensing: A Review. IEEE Sensors Journal, 2014, 14, 2643-2657.	2.4	59
141	A global path planning method for mobile robot based on a three-dimensional-like map. Robotica, 2014, 32, 611-624.	1.3	8
142	Robust Fuzzy Control for Doubly Fed Wind Power Systems with Variable Speed Based on Variable Structure Control Technique. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	6
143	Adaptive Force/Motion Control System Based on Recurrent Fuzzy Wavelet CMAC Neural Networks for Condenser Cleaning Crawler-Type Mobile Manipulator Robot. IEEE Transactions on Control Systems Technology, 2014, 22, 1973-1982.	3.2	41
144	Adaptive position tracking control system based on recurrent fuzzy wavelet neural networks for robot manipulators. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2014, 228, 500-520.	0.7	4

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145	Simultaneous stabilization and tracking of wheeled mobile robots via chained form. , 2014, , .		7
146	Design and optimization of elastic element for extra-thin multi-component F/M sensor. , 2014, , .		0
147	Parallel Chaos Search Based Incremental Extreme Learning Machine. Neural Processing Letters, 2013, 37, 277-301.	2.0	25
148	A new method for camera stratified self-calibration under circular motion. Visual Computer, 2013, 29, 1107-1119.	2.5	1
149	Design of mixed H-two/H-infinity optimal control systems using multiobjective differential evolution algorithm. Journal of Control Theory and Applications, 2013, 11, 521-528.	0.8	7
150	Robust dynamic surface control of flexible joint robots using recurrent neural networks. Journal of Control Theory and Applications, 2013, 11, 222-229.	0.8	14
151	Adaptive robust control of nonholonomic mobile manipulators with an application to condenser cleaning robotic systems. , 2013, , .		0
152	A method for vehicle-mounted camera calibration under urban traffic scenes. , 2013, , .		0
153	An improved visual odometry optimization algorithm based on Kinect camera. , 2013, , .		1
154	Local sparse representation for driver drowsiness expression recognition. , 2013, , .		3
155	Fast and robust frontier line segment extracting method based on FCM for robot exploration. , 2013, , .		0
156	Harmony search algorithm-based fuzzy-PID controller for electronic throttle valve. Neural Computing and Applications, 2013, 22, 329-336.	3.2	22
157	Neural network-based self-learning control for power transmission line deicing robot. Neural Computing and Applications, 2013, 22, 969-986.	3.2	17
158	Genetic algorithm-based adaptive fuzzy sliding mode controller for electronic throttle valve. Neural Computing and Applications, 2013, 23, 209-217.	3.2	11
159	Extended range electric vehicle control strategy design and multi-objective optimization by genetic algorithm. , 2013, , .		12
160	KNN-Q algorithm-based line-grasping control of a de-icing robot. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2012, 226, 936-946.	0.7	0
161	A vision-based intelligent inspector for wine production. International Journal of Machine Learning and Cybernetics, 2012, 3, 193-203.	2.3	6
162	Obstacle avoidance path planning strategy for robot arm based on fuzzy logic. , 2012, , .		10

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163	Design and analysis of a miniature 4-dimensional force/torque sensor. , 2012, , .		0
164	Design of 2-D Recursive Filters Using Self-adaptive Mutation Differential Evolution Algorithm. International Journal of Computational Intelligence Systems, 2011, 4, 644-654.	1.6	6
165	Position-Sensorless Hybrid Sliding-Mode Control of Electric Vehicles With Brushless DC Motor. IEEE Transactions on Vehicular Technology, 2011, 60, 421-432.	3.9	94
166	Parameter identification of electronic throttle using a hybrid optimization algorithm. Nonlinear Dynamics, 2011, 63, 549-557.	2.7	13
167	Neural network based robust hybrid control for robotic system: an H ∞ approach. Nonlinear Dynamics, 2011, 65, 421-431.	2.7	37
168	RBF networks-based adaptive approximate model controller for steam valving control. Neural Computing and Applications, 2011, 20, 549-556.	3.2	2
169	Hierarchical and adaptive volume-growing methods for the PET based biologic target volume delineation for radiotherapy treatment planning. , 2011, , .		5
170	Research on real-time vibration-insensitive inspection and classification algorithms for automatic online vision-based inspector. , 2011, , .		1
171	TRACKING MULTIPLE PERSONS BASED ON ATTRIBUTED RELATIONAL GRAPH. International Journal of Pattern Recognition and Artificial Intelligence, 2011, 25, 713-739.	0.7	1
172	Neural Network Based Self-Learning Control Strategy for Electronic Throttle Valve. IEEE Transactions on Vehicular Technology, 2010, 59, 3757-3765.	3.9	34
173	Reconstruction of GPR Signals by Spectral Analysis of the SVD Components of the Data Matrix. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 200-204.	1.4	18
174	Detecting Moving Objects by Ant Colony System in a MAP-MRF Framework. , 2010, , .		2
175	Obstacle detection and recognition in natural terrain for field mobile robot navigation. , 2010, , .		2
176	Sensing incline terrain for mobile robot autonomous navigation under unknown environment. , 2010, , .		4
177	Parameter estimation of disk drive servo system using a hybrid simplex differential evolution algorithm. , 2010, , .		1
178	A hybrid simplex differential evolution algorithm. , 2010, , .		1
179	The intelligent multimodal pressure control of diamond synthesis process for cubic hinge press. , 2010, , .		0
180	Applying Q-Learning Algorithm to Study Line-Grasping Control Policy for Transmission Line Deicing Robot. , 2010, , .		3

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181	Hierarchical Mumford-Shah model for dynamic microPET image segmentation. , 2009, , .		2
182	Improved bwmorph Function in the MATLAB Image Processing Toolbox for Fast Computation of Repeated Morphological Dilations and Erosions. , 2009, , .		0
183	Recurrent Fuzzy Cerebellar Model Articulation Controller and Its Application on Robotic Tracking Control. , 2009, , .		2
184	A Better Method than Tail-fitting Algorithm for Jitter Separation Based on Gaussian Mixture Model. Journal of Electronic Testing: Theory and Applications (JETTA), 2009, 25, 337-342.	0.9	14
185	Rough Neural Network Based on Bottom-Up Fuzzy Rough Data Analysis. Neural Processing Letters, 2009, 30, 187-211.	2.0	3
186	Neural networks based self-learning PID control of Ælectronic throttle. Nonlinear Dynamics, 2009, 55, 385-393.	2.7	28
187	A new ensemble feature selection and its application to pattern classification. Journal of Control Theory and Applications, 2009, 7, 419-426.	0.8	5
188	A Combination Scheme for Fuzzy Partitions Based on Fuzzy Weighted Majority Voting Rule. , 2009, , .		1
189	A Novel Electronic-Throttle-Valve Controller Based on Approximate Model Method. IEEE Transactions on Industrial Electronics, 2009, 56, 883-890.	5.2	45
190	Design of Power Quality Monitoring System Based on LabVIEW. , 2009, , .		19
191	Composite feedforward-feedback controller for generator excitation system. Nonlinear Dynamics, 2008, 54, 355-364.	2.7	11
192	Robust adaptive tracking control of robotic systems with uncertainties. Journal of Control Theory and Applications, 2008, 6, 281-286.	0.8	9
193	A novel excitation controller using support vector machines and approximate models. Journal of Control Theory and Applications, 2008, 6, 239-245.	0.8	0
194	SVM-Based Approximate Model Control for Electronic Throttle Valve. IEEE Transactions on Vehicular Technology, 2008, 57, 2747-2756.	3.9	37
195	An Approach to the Transformer Faults Diagnosing Based on Rough Set and Artificial Immune System. , 2008, , .		0
196	Development of glass bottle inspector based on machine vision. , 2008, , .		1
197	A Machine Vision Intelligent Inspector for Injection. , 2008, , .		3
198	Neural Network Adaptive L2 Robust Control for Induction Motors. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
199	Kernel based incremental learning Isomap algorithm. , 2008, , .		2
200	A self-calibration approach to hand-eye relation using a single point. , 2008, , .		4
201	Design of Power System Harmonic Measurement System Based on LabVIEW. , 2008, , .		6
202	Neural network ensemble based on rough sets reduction and selective strategy. , 2008, , .		1
203	Rough Neural Network Modeling Through Supervised G-K Fuzzy Clustering. , 2007, , .		1
204	Fuzzy Rough Modeling Approach: Based on Fuzzy Clustering and GA Search Strategy. , 2007, , .		0
205	Self-adapting control parameters modified differential evolution for trajectory planning of manipulators. Journal of Control Theory and Applications, 2007, 5, 365-373.	0.8	29
206	Optimal Design of the High Order FIR Multi-Band-Stop Filters. , 2006, , .		0
207	Using Recurrent Fuzzy Wavelet Neural Network to Control AC Servo System. , 2006, , .		1
208	A 12-b, 150 MHz Sample/s CMOS Current Steering D/A Converter with Gradient Error Compensation. Analog Integrated Circuits and Signal Processing, 2006, 46, 263-273.	0.9	2
209	A Neural Network Sliding Mode Controller with Application to Robotic Manipulator. , 2006, , .		5
210	Optimum Design of High-Order Digital Differentiator Based on neural Networks Algorithm. , 2006, , .		0
211	An Empty Bottle Intelligent Inspector Based on Support Vector Machines and Fuzzy Theory. , 2006, , .		3
212	An Improved Self-calibration Method for Active Stereo Camera. , 2006, , .		5
213	Design of low-voltage and low-power fully integrated filter based on log-domain current-mode integrator. Journal of Electronics, 2001, 18, 346-350.	0.2	0
214	Discrete multiwavelet transform method to fusing Landsat-7 panchromatic image and multi-spectral images. , 0, , .		0
215	Super dynamic CCD camera based on multi-sensor image fusion. , 0, , .		3
216	Remote sensing images classification using fuzzy B-spline function neural network. , 0, , .		0

#	ARTICLE	IF	CITATIONS
217	Robust adaptive dynamical neural control for uncertain chaotic system. , 0, , .		0
218	An adaptive fuzzy control for robotic manipulators. , 0, , .		0
219	The design and development of active stereovision system for mobile robot navigation. , 0, , .		2
220	Multi-moving targets detecting and tracking in a surveillance system. , 0, , .		3
221	A real-time machine vision system for bottle finish inspection. , 0, , .		7
222	The measurement of viscosity in rubber mixing process based on fuzzy modeling. , 0, , .		0
223	Aggregated decentralized down-sampling-based ResNet for smart healthcare systems. Neural Computing and Applications, 0, , 1.	3.2	2