

Jin-Hua She

List of Publications by Year in descending order

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417
papers

11,575
citations

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418
times ranked

5509
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of Packet Losses and Disturbances in Networked Control Systems Based on Equivalent-Input-Disturbance Approach. IEEE Transactions on Cybernetics, 2023, 53, 2051-2061.	6.2	6
2	Dual-Task Network Embeddings for Influence Prediction in Social Internet of Things. IEEE Internet of Things Journal, 2023, 10, 6586-6597.	5.5	2
3	Analysis and Design of Active Disturbance Rejection Control With an Improved Extended State Observer for Systems With Measurement Noise. IEEE Transactions on Industrial Electronics, 2023, 70, 855-865.	5.2	22
4	Disturbance Rejection and Control System Design Using Inverse-Based Equivalent-Input-Disturbance Approach. IEEE Transactions on Industrial Electronics, 2023, 70, 1666-1675.	5.2	6
5	Disturbance Rejection and Control System Design Based on an Improved Equivalent-Input-Disturbance Approach. IEEE Transactions on Industrial Electronics, 2023, 70, 2876-2886.	5.2	3
6	Command-Filtered Backstepping Repetitive Control for a Class of Uncertain Nonlinear Systems Based on Additive State Decomposition. IEEE Transactions on Industrial Electronics, 2023, 70, 5150-5160.	5.2	0
7	Optimal sliding mode preview repetitive control for continuous-time nonlinear systems. International Journal of Control, 2023, 96, 2415-2424.	1.2	2
8	Multiobjective Drilling Trajectory Optimization Considering Parameter Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1224-1233.	5.9	11
9	Modified Equivalent-Input-Disturbance Approach to Improving Disturbance-Rejection Performance. IEEE Transactions on Industrial Electronics, 2022, 69, 673-683.	5.2	20
10	Disturbance Rejection and Robustness of Improved Equivalent-Input-Disturbance-Based System. IEEE Transactions on Cybernetics, 2022, 52, 8537-8546.	6.2	22
11	Disturbance Rejection and Predictive Control for Systems With Input and Output Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4589-4599.	5.9	5
12	Federated Transfer Learning Based Cross-Domain Prediction for Smart Manufacturing. IEEE Transactions on Industrial Informatics, 2022, 18, 4088-4096.	7.2	58
13	Demagnetization-Fault Reconstruction and Tolerant-Control for PMSM Using Improved SMO-Based Equivalent-Input-Disturbance Approach. IEEE/ASME Transactions on Mechatronics, 2022, 27, 701-712.	3.7	20
14	Preview repetitive control with equivalent input disturbance for continuous-time linear systems. IET Control Theory and Applications, 2022, 16, 125-138.	1.2	11
15	Weighted sensitivity design of multivariable PID controllers via a new iterative LMI approach. Journal of Process Control, 2022, 110, 24-34.	1.7	15
16	Disturbance rejection using SMC-based-equivalent-input-disturbance approach. Applied Mathematics and Computation, 2022, 418, 126839.	1.4	11
17	Identification of Moment of Inertia for PMSM Using Improved Modelreference Adaptive System. International Journal of Control, Automation and Systems, 2022, 20, 13-23.	1.6	5
18	Design Method of Tuned Mass Damper by Linear-Matrix-Inequality-Based Robust Control Theory for Seismic Excitation. Journal of Vibration and Acoustics, Transactions of the ASME, 2022, 144, .	1.0	3

#	ARTICLE	IF	CITATIONS
19	A Cross-Disciplinary Outlook of Directions and Challenges in Industrial Electronics. IEEE Open Journal of the Industrial Electronics Society, 2022, 3, 375-391.	4.8	0
20	Designing low-pass filter in equivalent-input-disturbance compensator for improving disturbance-rejection performance. ISA Transactions, 2022, 131, 339-348.	3.1	6
21	Control-Force Spectrum Considering Both Natural Period and Damping Ratio for Active Base-Isolated Building. Actuators, 2022, 11, 156.	1.2	2
22	Active Structural Control of Base-Isolated Building Using Equivalent-Input-Disturbance Approach With Reduced-Order State Observer. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2022, 144, .	0.9	7
23	A real-time pricing mechanism considering data freshness based on non-cooperative game in crowdsensing. Information Sciences, 2022, 608, 392-409.	4.0	7
24	Response-spectrum-based design method for active base-isolated buildings with viscous dampers and hysteretic dampers. Mechanical Systems and Signal Processing, 2022, 180, 109413.	4.4	2
25	Denoising Method for Surface Electromyography Signals Combining CEEMDAN and Interval Total Variation. Circuits, Systems, and Signal Processing, 2022, 41, 6493-6512.	1.2	1
26	Contour Tracking Control of Networked Motion Control System Using Improved Equivalent-Input-Disturbance Approach. IEEE Transactions on Industrial Electronics, 2021, 68, 5155-5165.	5.2	25
27	Multisource Wind Speed Fusion Method for Short-Term Wind Power Prediction. IEEE Transactions on Industrial Informatics, 2021, 17, 5927-5937.	7.2	15
28	Active disturbance rejection for time-varying state-delay systems based on equivalent-input-disturbance approach. ISA Transactions, 2021, 108, 69-77.	3.1	21
29	Active Disturbance Rejection in Repetitive Control Systems. Studies in Systems, Decision and Control, 2021, , 23-46.	0.8	0
30	Assistive Robots. Studies in Systems, Decision and Control, 2021, , 361-392.	0.8	0
31	Intelligent Control of Underactuated Mechanical System. Studies in Systems, Decision and Control, 2021, , 47-73.	0.8	1
32	Analysis of equivalent-input-disturbance based control systems and a coordinated design algorithm for uncertain systems. International Journal of Robust and Nonlinear Control, 2021, 31, 1755-1773.	2.1	10
33	A decision support system for tobacco cultivation measures based on BPNN and GA. Computers and Electronics in Agriculture, 2021, 181, 105928.	3.7	10
34	Optimization of the Directional Sensor Networks With Rotatable Sensors for Target-Barrier Coverage. IEEE Sensors Journal, 2021, 21, 8276-8288.	2.4	14
35	Disturbance Rejection Based on Equivalent-Input-Disturbance Approach Using High-Order Filter. , 2021, , .		0
36	Emerging Trends in Industrial Electronics: A Cross-Disciplinary View. IEEE Industrial Electronics Magazine, 2021, 15, 127-139.	2.3	6

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37	An improved ant colony optimization for path planning with multiple UAVs. , 2021, , .		6
38	Implementation of Impedance Control for Lower-Limb Rehabilitation Robots. , 2021, , .		3
39	Temperature Management Methods for Selective Brain Hypothermia in Variable Metabolism. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 996-1004.	0.8	0
40	An Enhanced Fuzzy Repetitive-Control Design and Optimisation Method based on 2D Performance Index. , 2021, , .		1
41	Estimating Human Pose with both Physical and Physiological Constraints. , 2021, , .		1
42	Two-Layer Federated Learning With Heterogeneous Model Aggregation for 6G Supported Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 5308-5317.	3.9	152
43	Analysis of Student Learning Behavior based on Moodle Log Data. , 2021, , .		2
44	Mobile Robot Navigation Considering How to Move with a Group of Pedestrians in a Crosswalk. , 2021, , .		2
45	Robust repetitive control for a class of uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 7444-7460.	2.1	5
46	Disturbance rejection and control system design based on a high-order equivalent-input-disturbance estimator. Journal of the Franklin Institute, 2021, 358, 8736-8753.	1.9	12
47	New spectra of responses and control force for design of equivalent-input-disturbance-based active structural control of base-isolated buildings. Journal of Sound and Vibration, 2021, 507, 116160.	2.1	6
48	An operating performance assessment strategy with multiple modes based on least squares support vector machines for drilling process. Computers and Industrial Engineering, 2021, 159, 107492.	3.4	9
49	Additive-State-Decomposition-Based Repetitive Control for a Class of Nonlinear Systems with Multiple Mismatched Disturbances. IEEE Transactions on Industrial Electronics, 2021, 68, 12565-12574.	5.2	4
50	Decision-Making of Burden Distribution for Blast Furnace. Studies in Systems, Decision and Control, 2021, , 143-164.	0.8	0
51	Denoising Surface Electromyography Signals Based on Complementary Ensemble Empirical-Mode Decomposition and Multi-Scale Entropy. , 2021, , .		1
52	Motion Transfer based on Front and Back View for Rehabilitative Exercise. , 2021, , .		0
53	Mechanical Structure and Control Methods for Lower-Limb Rehabilitation Robots. , 2021, , .		0
54	An Improved Equivalent-Input-Disturbance Method for Uncertain Networked Control Systems with Packet Losses and Exogenous Disturbances. Actuators, 2021, 10, 263.	1.2	4

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55	A New Closed-barrier Covering Optimization Method for Heterogeneous Nodes in Hybrid Wireless Sensor Networks. , 2021, , .		1
56	A Two-step Barrier Coverage Redeployment Strategy for Hybrid Sensor Networks. , 2021, , .		3
57	Project-Based Learning Using Remote-Controlled Plane for Students in Mechatronics Course. , 2021, , .		0
58	A Simple Control Strategy Based on Trajectory Planning for Vertical Acrobot. Actuators, 2021, 10, 308.	1.2	3
59	Stable Strategy Formation for Mobile Users in Crowdsensing Using Co-Evolutionary Model. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2021, 25, 1000-1010.	0.5	0
60	A Cross-Disciplinary View of Industrial Electronics: Change, Chance, and Challenge. , 2021, , .		1
61	An Overview of Standards in Modern Human Factors. , 2021, , .		0
62	Project-Based Learning Using Remote-Controlled Plane for Students in Mechatronics Course. , 2021, , .		0
63	Dynamic Emotion Understanding in Human-Robot Interaction Based on Two-Layer Fuzzy SVR-TS Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 490-501.	5.9	44
64	Robust H_∞ control of uncertain singular systems based on equivalent input disturbance approach. Asian Journal of Control, 2020, 22, 2071-2079.	1.9	15
65	Disturbance Rejection and Control System Design Using Improved Equivalent Input Disturbance Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 3013-3023.	5.2	66
66	Performance Enhancement of RCS and Application to Tracking Control of Chuck-Workpiece Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 4056-4065.	5.2	25
67	Improve Disturbance-Rejection Performance for an Equivalent-Input-Disturbance-Based Control System by Incorporating a Proportional-Integral Observer. IEEE Transactions on Industrial Electronics, 2020, 67, 1254-1260.	5.2	48
68	Two-layer fuzzy multiple random forest for speech emotion recognition in human-robot interaction. Information Sciences, 2020, 509, 150-163.	4.0	107
69	Position and Posture Control of Planar Four-Link Underactuated Manipulator Based on Neural Network Model. IEEE Transactions on Industrial Electronics, 2020, 67, 4721-4728.	5.2	17
70	New results on the robust stability of control systems with a generalized disturbance observer. Asian Journal of Control, 2020, 22, 2463-2475.	1.9	7
71	Intelligent Optimization and Control of Complex Metallurgical Processes. Engineering Applications of Computational Methods, 2020, , .	0.5	8
72	Disturbance Rejection for Input-Delay System Using Observer-Predictor-Based Output Feedback Control. IEEE Transactions on Industrial Informatics, 2020, 16, 4489-4497.	7.2	24

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73	Improved Equivalent-Input-Disturbance Approach Based on H_{∞} Control. IEEE Transactions on Industrial Electronics, 2020, 67, 8670-8679.	5.2	17
74	Improving disturbance-rejection performance in a modified repetitive-control system based on equivalent-input-disturbance approach. International Journal of Systems Science, 2020, 51, 49-60.	3.7	23
75	A Two-Phase Lifetime-Enhancing Method for Hybrid Energy-Harvesting Wireless Sensor Network. IEEE Sensors Journal, 2020, 20, 1934-1946.	2.4	29
76	Identification of cash crop diseases using automatic image segmentation algorithm and deep learning with expanded dataset. Computers and Electronics in Agriculture, 2020, 177, 105712.	3.7	74
77	Disturbance rejection via feedforward compensation using an enhanced equivalent-input-disturbance approach. Journal of the Franklin Institute, 2020, 357, 10977-10996.	1.9	17
78	A Model Predictive Current Control Based on Sliding Mode Speed Controller for PMSM. , 2020, , .		1
79	Further results on delay-dependent stability for neutral singular systems via state decomposition method. Chaos, Solitons and Fractals, 2020, 141, 110408.	2.5	18
80	Muscle Fatigue Analysis With Optimized Complementary Ensemble Empirical Mode Decomposition and Multi-Scale Envelope Spectral Entropy. Frontiers in Neurorobotics, 2020, 14, 566172.	1.6	3
81	Chaos suppression in speed control for permanent-magnet-synchronous-motor drive system. Journal of the Franklin Institute, 2020, 357, 13283-13303.	1.9	14
82	Two-layer fault diagnosis method for blast furnace based on evidence-conflict reduction on multiple time scales. Control Engineering Practice, 2020, 101, 104474.	3.2	9
83	A Comparison Study of Three Active Disturbance Rejection Methods. , 2020, , .		4
84	Discrete-time multivariable PID controller design with application to an overhead crane. International Journal of Systems Science, 2020, 51, 2733-2745.	3.7	11
85	Closed-loop Torque Control for Permanent Magnet Synchronous Motor by Super-Twisting Algorithm Based Sliding-Mode Observer Considering Demagnetization. , 2020, , .		1
86	Optimisation of control and learning actions for a repetitive-control system based on Takagi-Sugeno fuzzy model. International Journal of Systems Science, 2020, 51, 3030-3043.	3.7	9
87	Reconstruction of pitchfork bifurcation with exogenous disturbances based on equivalent-input-disturbance approach. Nonlinear Dynamics, 2020, 102, 2699-2709.	2.7	6
88	Two-Level Data-Based Adjustment of Controller Parameters for Weighing Process of Ladle Furnace. IEEE Transactions on Industrial Informatics, 2020, 16, 7658-7670.	7.2	4
89	Optimal preview repetitive control with application to permanent magnet synchronous motor drive system. Journal of the Franklin Institute, 2020, 357, 10194-10210.	1.9	23
90	Disturbance rejection and performance analysis for nonlinear systems based on nonlinear equivalent-input-disturbance approach. Nonlinear Dynamics, 2020, 100, 3497-3511.	2.7	18

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91	Estimating the maximum response and maximum control force for high-rise base-isolated buildings with active structural control in along-wind direction. <i>Engineering Structures</i> , 2020, 216, 110712.	2.6	7
92	A Path Planning Method for Sweep Coverage With Multiple UAVs. <i>IEEE Internet of Things Journal</i> , 2020, 7, 8967-8978.	5.5	74
93	Generalized-extended-state-observer-based Repetitive Control for DC Motor Servo System with Mismatched Disturbances. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 1936-1945.	1.6	16
94	High-Precision Contour-Tracking Control of Ethernet-Based Networked Motion Control Systems. <i>IEEE Journal of Industry Applications</i> , 2020, 9, 1-10.	0.9	4
95	Nonlinear Dynamics Analysis and Global Stabilization of Underactuated Horizontal Spring-Coupled Two-Link Manipulator. <i>Complexity</i> , 2020, 2020, 1-8.	0.9	1
96	Quadrotor waypoint-tracking control under exogenous disturbances based on equivalent-input-disturbance approach. <i>Journal of the Franklin Institute</i> , 2020, 357, 4709-4741.	1.9	23
97	Intelligent Control of Thermal State Parameters in Sintering Process. <i>Engineering Applications of Computational Methods</i> , 2020, , 135-175.	0.5	0
98	Intelligent Decoupling Control of Gas Collection and Mixing-and-Pressurization Processes. <i>Engineering Applications of Computational Methods</i> , 2020, , 177-221.	0.5	0
99	Intelligent Optimization and Control of Coking Process. <i>Engineering Applications of Computational Methods</i> , 2020, , 83-133.	0.5	1
100	Intelligent Optimization and Control of Raw Material Proportioning Processes. <i>Engineering Applications of Computational Methods</i> , 2020, , 33-82.	0.5	1
101	Nonlinear Swing down Control of the Acrobot. <i>IFAC-PapersOnLine</i> , 2020, 53, 5813-5818.	0.5	3
102	Adaptive Equivalent-input-disturbance Approach to Improving Disturbance-rejection Performance. <i>International Journal of Automation and Computing</i> , 2020, 17, 701-712.	4.5	12
103	Learning Multiple Network Embeddings for Social Influence Prediction. <i>IFAC-PapersOnLine</i> , 2020, 53, 2868-2873.	0.5	0
104	Burden Control Strategy Based on Reinforcement Learning for Gas Utilization Rate in Blast Furnace. <i>IFAC-PapersOnLine</i> , 2020, 53, 11704-11709.	0.5	1
105	Standing Assistance Control based on Voluntary Body Movement within Safety Tolerance. , 2020, , .		3
106	Fluidspread: A New Method of Maximizing Positive Influence in Online Social Networks via Fluid Dynamics. , 2020, , .		0
107	Active-Flux-Based Sensorless Control for Permanent Magnet Synchronous Motor by Variable-Gain Sliding-Mode Observer. , 2020, , .		0
108	Determination of LQR weights by Bayesian optimization method using multiple earthquake waves. , 2020, , .		0

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109	Cost-Based Approach for Time of Use Pricing Decision. , 2020, , .		1
110	A brief review and insights into matrix inequalities for H_∞ static-output-feedback control and a local optimal solution. International Journal of Systems Science, 2019, 50, 2292-2305.	3.7	7
111	A Task Assignment Method for Sweep Coverage Optimization Based on Crowdsensing. IEEE Internet of Things Journal, 2019, 6, 10686-10699.	5.5	21
112	Design of a New Lower-Limb Rehabilitation Machine with Independently Controlled Pedals. , 2019, , .		0
113	Denosing sEMG Signals Using the Combination of Complementary EEMD with Adaptive Noise and Improved Threshold. , 2019, , .		1
114	A spectrum for estimating the maximum control force for passive-base-isolated buildings with LQR control. Engineering Structures, 2019, 199, 109600.	2.6	13
115	A multi-time-scale fusion prediction model for the gas utilization rate in a blast furnace. Control Engineering Practice, 2019, 92, 104120.	3.2	28
116	Estimation of sensor faults and unknown disturbance in current measurement circuits for PMSM drive system. Measurement: Journal of the International Measurement Confederation, 2019, 137, 580-587.	2.5	17
117	Generalized extended state observer-based repetitive control for systems with mismatched disturbances. International Journal of Robust and Nonlinear Control, 2019, 29, 3777-3792.	2.1	34
118	A new control method for global stabilisation of translational oscillator with rotational actuator. International Journal of Systems Science, 2019, 50, 954-960.	3.7	3
119	Design of motion trajectory and tracking control for underactuated cart-pendulum system. International Journal of Robust and Nonlinear Control, 2019, 29, 2458-2470.	2.1	16
120	Disturbance suppression for quadrotor UAV using sliding-mode-observer-based equivalent-input-disturbance approach. ISA Transactions, 2019, 92, 286-297.	3.1	58
121	A Method to Estimate Exogenous Disturbances in Nonlinear Systems Based on Equivalent-Input-Disturbance Approach. , 2019, , .		0
122	A NEW EQUIVALENT-INPUT-DISTURBANCE APPROACH FOR ACTIVE CONTROL OF BUILDINGS. Journal of Structural and Construction Engineering, 2019, 84, 361-371.	0.2	0
123	Robust Reconstruction of Current Sensor Faults for PMSM Drives in the Presence of Disturbances. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2919-2930.	3.7	16
124	Attenuation of PMSM Torque-Ripple Based on Combination of Equivalent-Input-Disturbance Approach and Sliding-Mode Control. , 2019, , .		2
125	Robust Closed-loop Torque Control for PMSM of Railway Traction Considering Demagnetization. , 2019, , .		2
126	Suppression of Disturbances in Networked Control Systems with Time-Varying Delay Based on Equivalent-Input-Disturbance Approach. , 2019, , .		7

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127	EID-based Robust Stabilization for a Class of Nonlinear Uncertain Systems with Disturbancesâ€¦... , 2019, , .		0
128	Deep-Learning-based Identification of Influential Spreaders in Online Social Networks. , 2019, , .		5
129	Decoupling Control Method With Fuzzy Theory for Top Pressure of Blast Furnace. IEEE Transactions on Control Systems Technology, 2019, 27, 2735-2742.	3.2	25
130	Hybrid modeling and online optimization strategy for improving carbon efficiency in iron ore sintering process. Information Sciences, 2019, 483, 232-246.	4.0	24
131	Robust disturbance rejection for repetitive control systems with timeâ€varying nonlinearities. International Journal of Robust and Nonlinear Control, 2019, 29, 1597-1612.	2.1	30
132	A Johnson's-Rule-Based Genetic Algorithm for Two-Stage-Task Scheduling Problem in Data-Centers of Cloud Computing. IEEE Transactions on Cloud Computing, 2019, 7, 597-610.	3.1	32
133	INVERSE MOTION METHOD FOR THE STABILIZATION OF UNDERACTUATED INERTIA WHEEL PENDULUM. International Journal of Robotics and Automation, 2019, 34, .	0.1	1
134	Applications of Evolutionary Computation and Artificial Intelligence in Metallurgical Industry. Communications in Computer and Information Science, 2019, , 77-87.	0.4	0
135	Dynamic Analysis of sRNA Regulated Quorum Sensing Network. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2019, 23, 619-624.	0.5	2
136	Efficient Corpus Creation Method for NLU Using Interview with Probing Questions. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2019, 23, 947-955.	0.5	1
137	Three-Layer Weighted Fuzzy Support Vector Regression for Emotional Intention Understanding in Humanâ€Robot Interaction. IEEE Transactions on Fuzzy Systems, 2018, 26, 2524-2538.	6.5	58
138	Re-optimization strategy for truck crane lift-path planning. Automation in Construction, 2018, 90, 146-155.	4.8	18
139	A new performance index of LQR for combination of passive base isolation and active structural control. Engineering Structures, 2018, 157, 280-299.	2.6	33
140	A Multilevel Prediction Model of Carbon Efficiency Based on the Differential Evolution Algorithm for the Iron Ore Sintering Process. IEEE Transactions on Industrial Electronics, 2018, 65, 8778-8787.	5.2	52
141	Robust Tracking and Disturbance Rejection for Linear Uncertain System With Unknown State Delay and Disturbance. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1445-1455.	3.7	56
142	An Improved Equivalent-Input-Disturbance Approach for Repetitive Control System With State Delay and Disturbance. IEEE Transactions on Industrial Electronics, 2018, 65, 521-531.	5.2	84
143	Optimization of coke ratio for the second proportioning phase in a sintering process base on a model of temperature field of material layer. Neurocomputing, 2018, 275, 10-18.	3.5	9
144	Information-Driven Multirobot Behavior Adaptation to Emotional Intention in Humanâ€Robot Interaction. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 647-658.	2.6	36

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145	Compensation for state-dependent nonlinearity in a modified repetitive control system. International Journal of Robust and Nonlinear Control, 2018, 28, 213-226.	2.1	61
146	Softmax regression based deep sparse autoencoder network for facial emotion recognition in human-robot interaction. Information Sciences, 2018, 428, 49-61.	4.0	151
147	Robust disturbance rejection for uncertain fractional-order systems. Applied Mathematics and Computation, 2018, 322, 79-88.	1.4	27
148	A LIGHTWEIGHT APPROACH TO ACCESS TO WIRELESS NETWORK WITHOUT OPERATING SYSTEM SUPPORT. Intelligent Automation and Soft Computing, 2018, 24, 275-284.	1.6	0
149	Control of Wireless Network Communication for Industrial Robot Servo Systems. , 2018, , .		1
150	A Multi-Source Wind Speed Fusion Method for Wind Power Prediction Based on $NN-SVR$. , 2018, , .		1
151	A New Unsupervised Detector of High-Frequency Oscillations in Accurate Localization of Epileptic Seizure Onset Zones. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 2280-2289.	2.7	19
152	Generalized-Extended-State-Observer-Based Repetitive Control for MIMO Systems With Mismatched Disturbances. IEEE Access, 2018, 6, 61377-61385.	2.6	13
153	An Intelligent Control Scheme for Burn-Through Point to Carbon Efficiency Optimization in Iron Ore Sintering Process. , 2018, , .		0
154	Robust Disturbance- Rejection for a Class of Nonlinear Systems. , 2018, , .		0
155	An Improved Equivalent-Input-Disturbance Approach for Disturbance-Rejection Using High-Gain Observer. , 2018, , .		3
156	Iterative Learning Control for Nonlinear Weighing and Feeding Process. Mathematical Problems in Engineering, 2018, 2018, 1-9.	0.6	3
157	An Intelligent Optimization Strategy Based on Prediction Model for Carbon Efficiency in Sintering Process. , 2018, , .		0
158	Trajectory Design and Tracking Control for Nonlinear Underactuated Wheeled Inverted Pendulum. Mathematical Problems in Engineering, 2018, 2018, 1-10.	0.6	3
159	Exponential Stability of Highly Nonlinear Neutral Stochastic Differential Delay Equations. , 2018, , .		1
160	Design of High-Gain-Observer-Based State Feedback Controller for Positive Time-Delay System. , 2018, , .		0
161	Soft-sensing method for slag-crust state of blast furnace based on two-dimensional decision fusion. Neurocomputing, 2018, 315, 405-411.	3.5	17
162	Evaluation of Lower-Limb Rehabilitation Based on Muscle Fatigue. , 2018, , .		4

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163	Robust disturbance rejection for a fractional-order system based on equivalent-input-disturbance approach. Science China Information Sciences, 2018, 61, 1.	2.7	23
164	Robust H^∞ control of an observer-based repetitive-control system. Journal of the Franklin Institute, 2018, 355, 4952-4969.	1.9	54
165	Enhancement of disturbance rejection performance of uncertain input delay systems: a disturbance predictor approach. IET Control Theory and Applications, 2018, 12, 1673-1682.	1.2	5
166	Automatic determination of LQR weighting matrices for active structural control. Engineering Structures, 2018, 174, 308-321.	2.6	25
167	Selection of coordinate transformation matrix for discrete-time static output feedback control: A two-step optimization method. Optimal Control Applications and Methods, 2018, 39, 1859-1870.	1.3	4
168	Torsional vibration control of drill-string systems with time-varying measurement delays. Information Sciences, 2018, 467, 528-548.	4.0	26
169	An energy efficient decision-making strategy of burden distribution for blast furnace. Control Engineering Practice, 2018, 78, 186-195.	3.2	30
170	A dynamic subspace model for predicting burn-through point in iron sintering process. Information Sciences, 2018, 466, 1-12.	4.0	12
171	Dynamic Properties Analysis and Motion Planning for Underactuated Wheeled Acrobot. , 2018, , .		0
172	Active Structural Control with Suppression of Absolute Acceleration Using Equivalent-Input-Disturbance Approach. , 2018, , .		1
173	Estimation of and compensation for unknown input nonlinearities using equivalent-input-disturbance approach. Nonlinear Dynamics, 2017, 88, 2161-2170.	2.7	24
174	Active Disturbance Rejection in Affine Nonlinear Systems Based on Equivalent-Input-Disturbance Approach. Asian Journal of Control, 2017, 19, 1767-1776.	1.9	18
175	Design of Repetitive-Control System With Input Dead Zone Based on Generalized Extended-State Observer. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	0.9	11
176	Nonlinear stabilizing control for a class of underactuated mechanical systems with multi degree of freedoms. Nonlinear Dynamics, 2017, 89, 2241-2253.	2.7	43
177	A hybrid time series prediction model based on recurrent neural network and double joint linear nonlinear extreme learning network for prediction of carbon efficiency in iron ore sintering process. Neurocomputing, 2017, 249, 128-139.	3.5	33
178	An Improved-WM Method Based on Optimization of Centers of Output Fuzzy Subsets for Fuzzy Rules * *This work was supported by the National Natural Science Foundation of China under Grant 61273102, the Hubei Provincial Natural Science Foundation of China under Grant 2015CFA010, and the 111 Project under Grant B17040... IFAC-PapersOnLine, 2017, 50, 7369-7374.	0.5	2
179	Decoupling control for parallel robot based on equivalent-input-disturbance approach. , 2017, , .		1
180	A hybrid just-in-time soft sensor for carbon efficiency of iron ore sintering process based on feature extraction of cross-sectional frames at discharge end. Journal of Process Control, 2017, 54, 14-24.	1.7	36

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181	Fast, Accurate Localization of Epileptic Seizure Onset Zones Based on Detection of High-Frequency Oscillations Using Improved Wavelet Transform and Matching Pursuit Methods. <i>Neural Computation</i> , 2017, 29, 194-219.	1.3	19
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