Jin-Hua She

List of Publications by Year
in descending order

417	11,575	50276	36028
papers	citations	46	97
		h-index	g-index

418	418	418	4932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Delay-dependent criteria for robust stability of time-varying delay systems. Automatica, 2004, 40, 1435-1439.	5.0	995
2	Free-Matrix-Based Integral Inequality for Stability Analysis of Systems With Time-Varying Delay. IEEE Transactions on Automatic Control, 2015, 60, 2768-2772.	5.7	676
3	Parameter-Dependent Lyapunov Functional for Stability of Time-Delay Systems With Polytopic-Type Uncertainties. IEEE Transactions on Automatic Control, 2004, 49, 828-832.	5.7	644
4	Delay-dependent robust stability criteria for uncertain neutral systems with mixed delays. Systems and Control Letters, 2004, 51, 57-65.	2.3	634
5	Delay-dependent stabilization of linear systems with time-varying state and input delays. Automatica, 2005, 41, 1405-1412.	5.0	489
6	Improving Disturbance-Rejection Performance Based on an Equivalent-Input-Disturbance Approach. IEEE Transactions on Industrial Electronics, 2008, 55, 380-389.	7.9	424
7	New Delay-Dependent Stability Criteria and Stabilizing Method for Neutral Systems. IEEE Transactions on Automatic Control, 2004, 49, 2266-2271.	5.7	363
8	New results on stability analysis for systems with discrete distributed delay. Automatica, 2015, 60, 189-192.	5.0	318
9	Output Feedback Stabilization for a Discrete-Time System With a Time-Varying Delay. IEEE Transactions on Automatic Control, 2008, 53, 2372-2377.	5.7	286
10	Stability Analysis and Robust Control of Time-Delay Systems. , 2010, , .		252
11	Equivalent-Input-Disturbance Approachâ€"Analysis and Application to Disturbance Rejection in Dual-Stage Feed Drive Control System. IEEE/ASME Transactions on Mechatronics, 2011, 16, 330-340.	5.8	202
12	Delay-dependent exponential stability of delayed neural networks with time-varying delay. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 553-557.	2.2	191
13	Two-Layer Federated Learning With Heterogeneous Model Aggregation for 6G Supported Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 5308-5317.	6.3	152
14	Softmax regression based deep sparse autoencoder network for facial emotion recognition in human-robot interaction. Information Sciences, 2018, 428, 49-61.	6.9	151
15	An Improved Global Asymptotic Stability Criterion for Delayed Cellular Neural Networks. IEEE Transactions on Neural Networks, 2006, 17, 250-252.	4.2	120
16	A Two-Layer Active Disturbance Rejection Controller Design for Load Frequency Control of Interconnected Power System. IEEE Transactions on Power Systems, 2016, 31, 3320-3321.	6.5	110
17	Two-layer fuzzy multiple random forest for speech emotion recognition in human-robot interaction. Information Sciences, 2020, 509, 150-163.	6.9	107
18	Comprehensive Unified Control Strategy for Underactuated Two-Link Manipulators. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 389-398.	5.0	93

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19	Global stabilization of 2-DOF underactuated mechanical systemsâ€"an equivalent-input-disturbance approach. Nonlinear Dynamics, 2012, 69, 495-509.	5.2	84
20	An Improved Equivalent-Input-Disturbance Approach for Repetitive Control System With State Delay and Disturbance. IEEE Transactions on Industrial Electronics, 2018, 65, 521-531.	7.9	84
21	A Discrete-Time Terminal Sliding-Mode Control Approach Applied to a Motion Control Problem. IEEE Transactions on Industrial Electronics, 2009, 56, 3619-3627.	7.9	82
22	Robust adaptive tracking control of wheeled mobile robot. Robotics and Autonomous Systems, 2016, 78, 36-48.	5.1	81
23	Robust stability for delay Lur'e control systems with multiple nonlinearities. Journal of Computational and Applied Mathematics, 2005, 176, 371-380.	2.0	80
24	Improved exponential stability for stochastic Markovian jump systems with nonlinearity and timeâ€varying delay. International Journal of Robust and Nonlinear Control, 2010, 20, 16-26.	3.7	75
25	Input-to-state stability of nonlinear systems based on an indefinite Lyapunov function. Systems and Control Letters, 2012, 61, 1254-1259.	2.3	75
26	Identification of cash crop diseases using automatic image segmentation algorithm and deep learning with expanded dataset. Computers and Electronics in Agriculture, 2020, 177, 105712.	7.7	74
27	A Path Planning Method for Sweep Coverage With Multiple UAVs. IEEE Internet of Things Journal, 2020, 7, 8967-8978.	8.7	74
28	Improved bounded-real-lemma representation and H/sub /spl infin// control of systems with polytopic uncertainties. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 380-383.	2.2	70
29	Disturbance rejection in nonlinear systems based on equivalent-input-disturbance approach. Applied Mathematics and Computation, 2016, 282, 244-253.	2.2	68
30	Removal of EOG and EMG artifacts from EEG using combination of functional link neural network and adaptive neural fuzzy inference system. Neurocomputing, 2015, 151, 278-287.	5.9	66
31	Disturbance Rejection and Control System Design Using Improved Equivalent Input Disturbance Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 3013-3023.	7.9	66
32	Aperiodic Disturbance Rejection in Repetitive-Control Systems. IEEE Transactions on Control Systems Technology, 2014, 22, 1044-1051.	5.2	65
33	Compensation for stateâ€dependent nonlinearity in a modified repetitive control system. International Journal of Robust and Nonlinear Control, 2018, 28, 213-226.	3.7	61
34	Integrated Hybrid-PSO and Fuzzy-NN Decoupling Control for Temperature of Reheating Furnace. IEEE Transactions on Industrial Electronics, 2009, 56, 2704-2714.	7.9	60
35	Three-Layer Weighted Fuzzy Support Vector Regression for Emotional Intention Understanding in Humanâ€"Robot Interaction. IEEE Transactions on Fuzzy Systems, 2018, 26, 2524-2538.	9.8	58
36	Disturbance suppression for quadrotor UAV using sliding-mode-observer-based equivalent-input-disturbance approach. ISA Transactions, 2019, 92, 286-297.	5.7	58

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37	Federated Transfer Learning Based Cross-Domain Prediction for Smart Manufacturing. IEEE Transactions on Industrial Informatics, 2022, 18, 4088-4096.	11.3	58
38	Design of a modified repetitive-control system based on a continuous–discrete 2D model. Automatica, 2012, 48, 844-850.	5.0	57
39	Robust Tracking and Disturbance Rejection for Linear Uncertain System With Unknown State Delay and Disturbance. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1445-1455.	5.8	56
40	Design of Observer-Based H_{infty} Robust Repetitive-Control System. IEEE Transactions on Automatic Control, 2011, 56, 1452-1457.	5.7	55
41	Improved Razumikhin-Type Theorem for Input-To-State Stability of Nonlinear Time-Delay Systems. IEEE Transactions on Automatic Control, 2014, 59, 1983-1988.	5.7	54
42	Robust H_∞ control of an observer-based repetitive-control system. Journal of the Franklin Institute, 2018, 355, 4952-4969.	3.4	54
43	New Results on H_∞ Tracking Control Based on the T–S Fuzzy Model for Sampled-Data Networked Control System. IEEE Transactions on Fuzzy Systems, 2015, 23, 2439-2448.	9.8	53
44	Swing-up control based on virtual composite links for n-link underactuated robot with passive first joint. Automatica, 2009, 45, 1986-1994.	5.0	52
45	Stabilization of underactuated planar acrobot based on motion-state constraints. International Journal of Non-Linear Mechanics, 2015, 77, 342-347.	2.6	52
46	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.	7.9	52
47	Robust disturbance rejection in modified repetitive control system. Systems and Control Letters, 2014, 70, 100-108.	2.3	49
48	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.	7.9	48
49	Internet-Based Teaching and Experiment System for Control Engineering Course. IEEE Transactions on Industrial Electronics, 2008, 55, 2386-2396.	7.9	46
50	Existence and global exponential stability of periodic solution for high-order discrete-time BAM neural networks. Neural Networks, 2014, 50, 98-109.	5.9	45
51	Delay-dependent guaranteed-cost control based on combination of Smith predictor and equivalent-input-disturbance approach. ISA Transactions, 2016, 62, 215-221.	5.7	45
52	Delay-dependent H_∞ control of linear discrete-time systems with an interval-like time-varying delay. International Journal of Systems Science, 2008, 39, 427-436.	5.5	44
53	Intelligent Decoupling Control of Gas Collection Process of Multiple Asymmetric Coke Ovens. IEEE Transactions on Industrial Electronics, 2009, 56, 2782-2792.	7.9	44
54	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.	9.3	44

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55	Nonlinear stabilizing control for a class of underactuated mechanical systems with multi degree of freedoms. Nonlinear Dynamics, 2017, 89, 2241-2253.	5.2	43
56	Active Disturbance Rejection Control Based on an Improved Equivalent-Input-Disturbance Approach. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1410-1413.	5.8	41
57	Robust disturbance rejection based on equivalent‑input‑disturbance approach. IET Control Theory and Applications, 2013, 7, 1261-1268.	2.1	41
58	Selection of suitable maximum-heart-rate formulas for use with Karvonen formula to calculate exercise intensity. International Journal of Automation and Computing, 2015, 12, 62-69.	4.5	41
59	An intelligent integrated optimization system for the proportioning of iron ore in a sintering process. Journal of Process Control, 2014, 24, 182-202.	3.3	39
60	Equivalent-input-disturbance approach to active structural control for seismically excited buildings. Engineering Structures, 2016, 125, 392-399.	5.3	39
61	Motion planning and tracking control for an acrobot based on a rewinding approach. Automatica, 2013, 49, 278-284.	5.0	38
62	Estimation and rejection of aperiodic disturbance in a modified repetitive‑control system. IET Control Theory and Applications, 2014, 8, 882-889.	2.1	37
63	Modeling and optimization method featuring multiple operating modes for improving carbon efficiency of iron ore sintering process. Control Engineering Practice, 2016, 54, 117-128.	5.5	36
64	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.	3.3	36
65	Information-Driven Multirobot Behavior Adaptation to Emotional Intention in Human–Robot Interaction. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 647-658.	3.8	36
66	Generalized extended state observer–based repetitive control for systems with mismatched disturbances. International Journal of Robust and Nonlinear Control, 2019, 29, 3777-3792.	3.7	34
67	*H_∞* Static Output Feedback Control of 2‑D Discrete Systems in FM Second Model. Asian Journal of Control, 2012, 14, 1505-1513.	3.0	33
68	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.	5.9	33
69	A new performance index of LQR for combination of passive base isolation and active structural control. Engineering Structures, 2018, 157, 280-299.	5.3	33
70	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.	4.4	32
71	New analytical results of energy-based swing-up control for the Pendubot. International Journal of Non-Linear Mechanics, 2013, 52, 110-118.	2.6	31
72	Estimation of Equivalent Input Disturbance Improves Vehicular Steering Control. IEEE Transactions on Vehicular Technology, 2007, 56, 3722-3731.	6.3	30

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73	Simultaneous optimisation of the low-pass filter and state-feedback controller in a robust repetitive-control system. IET Control Theory and Applications, 2010, 4, 1366-1376.	2.1	30
74	Design of a robust observer-based modified repetitive-control system. ISA Transactions, 2013, 52, 375-382.	5.7	30
75	An energy efficient decision-making strategy of burden distribution for blast furnace. Control Engineering Practice, 2018, 78, 186-195.	5.5	30
76	Robust disturbance rejection for repetitive control systems with time-varying nonlinearities. International Journal of Robust and Nonlinear Control, 2019, 29, 1597-1612.	3.7	30
77	A Two-Phase Lifetime-Enhancing Method for Hybrid Energy-Harvesting Wireless Sensor Network. IEEE Sensors Journal, 2020, 20, 1934-1946.	4.7	29
78	An intelligent control system based on prediction of the burn-through point for the sintering process of an iron and steel plant. Expert Systems With Applications, 2012, 39, 5971-5981.	7.6	28
79	Stabilization of underactuated two-link gymnast robot by using trajectory tracking strategy. Applied Mathematics and Computation, 2015, 253, 193-204.	2.2	28
80	A multi-time-scale fusion prediction model for the gas utilization rate in a blast furnace. Control Engineering Practice, 2019, 92, 104120.	5.5	28
81	Intelligent integrated optimization and control system for lead–zinc sintering process. Control Engineering Practice, 2009, 17, 280-290.	5.5	27
82	Robust disturbance rejection for uncertain fractional-order systems. Applied Mathematics and Computation, 2018, 322, 79-88.	2.2	27
83	A new approach to the estimation and rejection of disturbances in servo systems. IEEE Transactions on Control Systems Technology, 2005, 13, 378-385.	5.2	26
84	Torsional vibration control of drill-string systems with time-varying measurement delays. Information Sciences, 2018, 467, 528-548.	6.9	26
85	Automatic determination of LQR weighting matrices for active structural control. Engineering Structures, 2018, 174, 308-321.	5.3	25
86	Decoupling Control Method With Fuzzy Theory for Top Pressure of Blast Furnace. IEEE Transactions on Control Systems Technology, 2019, 27, 2735-2742.	5.2	25
87	Performance Enhancement of RCS and Application to Tracking Control of Chuck-Workpiece Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 4056-4065.	7.9	25
88	Contour Tracking Control of Networked Motion Control System Using Improved Equivalent-Input-Disturbance Approach. IEEE Transactions on Industrial Electronics, 2021, 68, 5155-5165.	7.9	25
89	Hierarchical Fault Diagnosis for Power Systems Based on Equivalent-Input-Disturbance Approach. IEEE Transactions on Industrial Electronics, 2013, 60, 3529-3538.	7.9	24
90	Estimation of and compensation for unknown input nonlinearities using equivalent-input-disturbance approach. Nonlinear Dynamics, 2017, 88, 2161-2170.	5.2	24

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91	Hybrid modeling and online optimization strategy for improving carbon efficiency in iron ore sintering process. Information Sciences, 2019, 483, 232-246.	6.9	24
92	Disturbance Rejection for Input-Delay System Using Observer-Predictor-Based Output Feedback Control. IEEE Transactions on Industrial Informatics, 2020, 16, 4489-4497.	11.3	24
93	A model-based expert control strategy using neural networks for the coal blending process in an iron and steel plant. Expert Systems With Applications, 1999, 16, 271-281.	7.6	23
94	A model-based expert control system for the leaching process in zinc hydrometallurgy. Expert Systems With Applications, 1999, 16, 135-143.	7.6	23
95	Robust disturbance rejection for a fractional-order system based on equivalent-input-disturbance approach. Science China Information Sciences, 2018, 61, 1.	4.3	23
96	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.	5.5	23
97	Optimal preview repetitive control with application to permanent magnet synchronous motor drive system. Journal of the Franklin Institute, 2020, 357, 10194-10210.	3.4	23
98	Quadrotor waypoint-tracking control under exogenous disturbances based on equivalent-input-disturbance approach. Journal of the Franklin Institute, 2020, 357, 4709-4741.	3.4	23
99	Further results on stability and stabilisation of linear systems with state and input delays. International Journal of Systems Science, 2009, 40, 1-10.	5.5	22
100	Neural-network-based integrated model for predicting burn-through point in lead–zinc sintering process. Journal of Process Control, 2012, 22, 925-934.	3.3	22
101	Robust Repetitive Control and Disturbance Rejection Based on Two‐Dimensional Model and Equivalent‐Input‐Disturbance Approach. Asian Journal of Control, 2016, 18, 2325-2335.	3.0	22
102	Disturbance Rejection and Robustness of Improved Equivalent-Input-Disturbance-Based System. IEEE Transactions on Cybernetics, 2022, 52, 8537-8546.	9.5	22
103	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.	7.9	22
104	Design of robust output-feedback repetitive controller for class of linear systems with uncertainties. Science China Information Sciences, 2010, 53, 1006-1015.	4.3	21
105	Stability analysis for discrete time-delay systems based on new finite-sum inequalities. Information Sciences, 2016, 369, 119-127.	6.9	21
106	An energy-optimization-based method of task scheduling for a cloud video surveillance center. Journal of Network and Computer Applications, 2016, 59, 63-73.	9.1	21
107	A Task Assignment Method for Sweep Coverage Optimization Based on Crowdsensing. IEEE Internet of Things Journal, 2019, 6, 10686-10699.	8.7	21
108	Active disturbance rejection for time-varying state-delay systems based on equivalent-input-disturbance approach. ISA Transactions, 2021, 108, 69-77.	5.7	21

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109	Active disturbance rejection in switched neutral-delay systems based on equivalent-input-disturbance approach. IET Control Theory and Applications, 2016, 10, 2387-2393.	2.1	20
110	Modified Equivalent-Input-Disturbance Approach to Improving Disturbance-Rejection Performance. IEEE Transactions on Industrial Electronics, 2022, 69, 673-683.	7.9	20
111	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.	5.8	20
112	Electric Wheelchair Controlled by Human Body Motion -Classification of Body Motion and Improvement of Control Method-. Journal of Robotics and Mechatronics, 2010, 22, 439-446.	1.0	20
113	Expert control and fault diagnosis of the leaching process in a zinc hydrometallurgy plant. Control Engineering Practice, 2002, 10, 433-442.	5.5	19
114	Online Optimization of Fuzzy Controller for Coke-Oven Combustion Process Based on Dynamic Just-in-Time Learning. IEEE Transactions on Automation Science and Engineering, 2015, 12, 1535-1540.	5.2	19
115	Fast, Accurate Localization of Epileptic Seizure Onset Zones Based on Detection of High-Frequency Oscillations Using Improved Wavelet Transform and Matching Pursuit Methods. Neural Computation, 2017, 29, 194-219.	2.2	19
116	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.	4.9	19
117	Active Disturbance Rejection in Affine Nonlinear Systems Based on Equivalent-Input-Disturbance Approach. Asian Journal of Control, 2017, 19, 1767-1776.	3.0	18
118	Re-optimization strategy for truck crane lift-path planning. Automation in Construction, 2018, 90, 146-155.	9.8	18
119	Further results on delay-dependent stability for neutral singular systems via state decomposition method. Chaos, Solitons and Fractals, 2020, 141, 110408.	5.1	18
120	Disturbance rejection and performance analysis for nonlinear systems based on nonlinear equivalent-input-disturbance approach. Nonlinear Dynamics, 2020, 100, 3497-3511.	5.2	18
121	Improved delay-dependent absolute stability and robust stability for a class of nonlinear systems with a time-varying delay. International Journal of Robust and Nonlinear Control, 2009, 20, n/a-n/a.	3.7	17
122	Integrated soft sensing of coke-oven temperature. Control Engineering Practice, 2011, 19, 1116-1125.	5.5	17
123	Design of a robust output-feedback-based modified repetitive-control system. International Journal of Systems Science, 2015, 46, 808-817.	5.5	17
124	Singularity-avoiding swing-up control for underactuated three-link gymnast robot using virtual coupling between control torques. International Journal of Robust and Nonlinear Control, 2015, 25, 207-221.	3.7	17
125	Global stabilization of underactuated spring-coupled three-link horizontal manipulator using position measurements only. Applied Mathematical Modelling, 2015, 39, 1917-1928.	4.2	17
126	Aperiodic disturbance rejection in a modified repetitive-control system with non-linear uncertainty. IET Control Theory and Applications, 2016, 10, 2394-2402.	2.1	17

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127	Soft-sensing method for slag-crust state of blast furnace based on two-dimensional decision fusion. Neurocomputing, 2018, 315, 405-411.	5.9	17
128	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.	5.0	17
129	Position and Posture Control of Planar Four-Link Underactuated Manipulator Based on Neural Network Model. IEEE Transactions on Industrial Electronics, 2020, 67, 4721-4728.	7.9	17
130	Improved Equivalent-Input-Disturbance Approach Based on H_∞ Control. IEEE Transactions on Industrial Electronics, 2020, 67, 8670-8679.	7.9	17
131	Disturbance rejection via feedforward compensation using an enhanced equivalent-input-disturbance approach. Journal of the Franklin Institute, 2020, 357, 10977-10996.	3.4	17
132	An expert control system using neural networks for the electrolytic process in zinc hydrometallurgy. Engineering Applications of Artificial Intelligence, 2001, 14, 589-598.	8.1	16
133	Integrated Intelligent Control of Gas Mixing-and-Pressurization Process. IEEE Transactions on Control Systems Technology, 2009, 17, 68-77.	5.2	16
134	Design of Robust Modified Repetitive-Control System for Linear Periodic Plants. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2012, 134, .	1.6	16
135	Design of motion trajectory and tracking control for underactuated cart–pendulum system. International Journal of Robust and Nonlinear Control, 2019, 29, 2458-2470.	3.7	16
136	Robust Reconstruction of Current Sensor Faults for PMSM Drives in the Presence of Disturbances. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2919-2930.	5.8	16
137	Generalized-extended-state-observer-based Repetitive Control for DC Motor Servo System with Mismatched Disturbances. International Journal of Control, Automation and Systems, 2020, 18, 1936-1945.	2.7	16
138	Disturbance estimation and rejection - an equivalent input disturbance estimator approach. , 2004, , .		15
139	A NEW INTEGRAL INEQUALITY APPROACH TO DELAY–DEPENDENT ROBUST H_∞ CONTROL. Asian Journal of Control, 2006, 8, 153-160.	3.0	15
140	A 2D system approach to the design of a robust modified repetitive-control system with a dynamic output-feedback controller. International Journal of Applied Mathematics and Computer Science, 2014, 24, 325-334.	1.5	15
141	Hybrid multistep modeling for calculation of carbon efficiency of iron ore sintering process based on yield prediction. Neural Computing and Applications, 2017, 28, 1193-1207.	5.6	15
142	Robust H_∞ control of uncertain singular systems based on equivalent–input–disturbance approach. Asian Journal of Control, 2020, 22, 2071-2079.	3.0	15
143	Multisource Wind Speed Fusion Method for Short-Term Wind Power Prediction. IEEE Transactions on Industrial Informatics, 2021, 17, 5927-5937.	11.3	15
144	Weighted sensitivity design of multivariable PID controllers via a new iterative LMI approach. Journal of Process Control, 2022, 110, 24-34.	3.3	15

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145	Delay‐dependent robust stability and stabilization of uncertain neutral systems. Asian Journal of Control, 2008, 10, 376-383.	3.0	14
146	Singularity avoidance for acrobots based on fuzzy-control strategy. Robotics and Autonomous Systems, 2009, 57, 202-211.	5.1	14
147	Comparison of disturbance rejection performance between sliding-mode control and equivalent-input-disturbance approach. , 2011, , .		14
148	Optimization of Coordinate Transformation Matrix for H_∞ Static‐Output‐Feedback Control of Linear Discrete‐Time Systems. Asian Journal of Control, 2015, 17, 604-614.	3.0	14
149	Chaos suppression in speed control for permanent-magnet-synchronous-motor drive system. Journal of the Franklin Institute, 2020, 357, 13283-13303.	3.4	14
150	Optimization of the Directional Sensor Networks With Rotatable Sensors for Target-Barrier Coverage. IEEE Sensors Journal, 2021, 21, 8276-8288.	4.7	14
151	Design of equivalent-input-disturbance estimator using a generalized state observer. Journal of Control Theory and Applications, 2013, 11, 74-79.	0.8	13
152	Generalized-Extended-State-Observer-Based Repetitive Control for MIMO Systems With Mismatched Disturbances. IEEE Access, 2018, 6, 61377-61385.	4.2	13
153	A spectrum for estimating the maximum control force for passive-base-isolated buildings with LQR control. Engineering Structures, 2019, 199, 109600.	5.3	13
154	A distributed expert control system for a hydrometallurgical zinc process. Control Engineering Practice, 1998, 6, 1435-1446.	5.5	12
155	Control of acrobot based on non-smooth Lyapunov function and comprehensive stability analysis. IET Control Theory and Applications, 2008, 2, 181-191.	2.1	12
156	The electric wheelchair controlled by human body motion - Design of the prototype and basic experiment -. , 2008, , .		12
157	Two‐loop power‐flow control of grid‐connected microgrid based on equivalent‐input‐disturbance approach. IEEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 36-43.	1.4	12
158	A dynamic subspace model for predicting burn-through point in iron sintering process. Information Sciences, 2018, 466, 1-12.	6.9	12
159	Disturbance rejection and control system design based on a high-order equivalent-input-disturbance estimator. Journal of the Franklin Institute, 2021, 358, 8736-8753.	3.4	12
160	Electric Wheelchair Controlled by Human Body Motion Interface. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 1874-1880.	0.2	12
161	Adaptive Equivalent-input-disturbance Approach to Improving Disturbance-rejection Performance. International Journal of Automation and Computing, 2020, 17, 701-712.	4.5	12
162	Design of non‐fragile guaranteed‐cost repetitive‐control system based on two‐dimensional model. Asian Journal of Control, 2012, 14, 109-124.	3.0	11

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163	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, .	1.6	11
164	Discrete-time multivariable PID controller design with application to an overhead crane. International Journal of Systems Science, 2020, 51, 2733-2745.	5.5	11
165	Multiobjective Drilling Trajectory Optimization Considering Parameter Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1224-1233.	9.3	11
166	Preview repetitive control with equivalent input disturbance for continuous‐time linear systems. IET Control Theory and Applications, 2022, 16, 125-138.	2.1	11
167	Disturbance rejection using SMC-based-equivalent-input-disturbance approach. Applied Mathematics and Computation, 2022, 418, 126839.	2.2	11
168	Expert control and fault diagnosis of the leaching process in zinc hydrometallurgy plant *. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 335-340.	0.4	10
169	Balanced reactive-deliberative architecture for multi-agent system for simulation league of RoboCup. International Journal of Control, Automation and Systems, 2009, 7, 945-955.	2.7	10
170	Estimation of Normalized Longitudinal Force for an Electric Cart Using Equivalent-Input-Disturbance Approach. IEEE Transactions on Vehicular Technology, 2014, 63, 3642-3650.	6.3	10
171	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.	3.7	10
172	A decision support system for tobacco cultivation measures based on BPNN and GA. Computers and Electronics in Agriculture, 2021, 181, 105928.	7.7	10
173	Repetitive Control System with Variable Structure Controller. , 2000, , .		10
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