

Qing Li

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

660
citations

623734

14
h-index

610901

24
g-index

65
all docs

65
docs citations

65
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration Suppression of a High-Rise Building With Adaptive Iterative Learning Control. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4261-4272.	11.3	3
2	Vibration Control for Flexible Manipulators With Event-Triggering Mechanism and Actuator Failures. IEEE Transactions on Cybernetics, 2022, 52, 7591-7601.	9.5	16
3	Adaptive Neural Network Fixed-Time Control Design for Bilateral Teleoperation With Time Delay. IEEE Transactions on Cybernetics, 2022, 52, 9756-9769.	9.5	18
4	Time-Varying Trajectory Tracking Boundary Control of a Flexible Rotation Beam Based on Servomechanism. IEEE Transactions on Industrial Electronics, 2022, 69, 9185-9195.	7.9	8
5	Observer-based finite frequency $ 5.7 10 $	5.7	10
6	\hat{z} Fuzzy Control for Nonlinear Fourth-Order Parabolic Equation Subject to Input Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2531-2539.	9.3	1
7	Neural Learning Control of a Robotic Manipulator with Finite-Time Convergence in the Presence of Unknown Backlash-Like Hysteresis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1916-1927.	9.3	15
8	Optimal Synchronization Control of Heterogeneous Asymmetric Input-Constrained Unknown Nonlinear MASs via Reinforcement Learning. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 520-532.	13.1	20
9	Static Output Feedback Control for Tâ€S Fuzzy Systems via a Successive Convex Optimization Algorithm. IEEE Transactions on Fuzzy Systems, 2022, 30, 4298-4309.	9.8	12
10	PDE Modeling and Tracking Control for the Flexible Tail of an Autonomous Robotic Fish. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7618-7627.	9.3	2
11	Multipoint Feeding Strategy of Aluminum Reduction Cell Based on Distributed Subspace Predictive Control. Machines, 2022, 10, 220.	2.2	1
12	Modeling, analysis, and optimization of three-dimensional restricted visual field metric-free swarms. Chaos, Solitons and Fractals, 2022, 157, 111879.	5.1	2
13	Dynamic Operation Loss Minimization for Permanent Magnet Synchronous Generator Based on Improved Model Predictive Direct Torque Control. Electronics (Switzerland), 2022, 11, 1406.	3.1	2
14	Fuzzy Approximation-Based Finite-Time Control for a Robot With Actuator Saturation Under Time-Varying Constraints of Work Space. IEEE Transactions on Cybernetics, 2021, 51, 4873-4884.	9.5	66
15	Robust Resilient Control for Nonlinear Systems Under Denial-of-Service Attacks. IEEE Transactions on Fuzzy Systems, 2021, 29, 3415-3427.	9.8	17
16	Novel Resilient Structure of Output Formation Tracking of Heterogeneous Systems With Unknown Leader Under Contested Environments. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6819-6829.	9.3	6
17	Human-Robot Co-Carrying Using Visual and Force Sensing. IEEE Transactions on Industrial Electronics, 2021, 68, 8657-8666.	7.9	103
18	Boundary Torque Control of a Flexible Two-Link Manipulator and Its Experimental Investigation. IEEE Transactions on Industrial Electronics, 2021, 68, 8708-8717.	7.9	18

#	ARTICLE	IF	CITATIONS
19	An Improved Boundary-Aware U-Net for Ore Image Semantic Segmentation. <i>Sensors</i> , 2021, 21, 2615.	3.8	24
20	Observer-based H_∞ control of a stochastic Korteweg-de Vries-Burgers equation. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 5943-5961.	3.7	7
21	Adaptive Backstepping Path Following Control of Autonomous Ground Vehicles with Sideslip Effects. , 2021, , .		0
22	A successive convex optimization method for bilinear matrix inequality problems and its application to static output-feedback control. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 9709-9730.	3.7	2
23	A New Distributed Localization Approach for Multi-Robot Formation Control Systems. , 2021, , .		0
24	Event-triggered Control for Heterogeneous Discrete-time Multi-agent Systems Subject to Uncertainties and Noises. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 661-671.	2.7	4
25	Weighted multiple model adaptive boundary control for a flexible manipulator. <i>Science Progress</i> , 2020, 103, 003685041988646.	1.9	1
26	Coordinated control of active front steering and active disturbance rejection sliding mode-based DYC for 4WID-EV. <i>Measurement and Control</i> , 2020, 53, 1870-1882.	1.8	6
27	Accelerating Emergence of Aerial Swarm. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7986.	2.5	5
28	Two-Stage Adaptive Constrained Particle Swarm Optimization Based on Bi-Objective Method. <i>IEEE Access</i> , 2020, 8, 150647-150664.	4.2	4
29	Robust Controller Design for Uncertain Linear Systems with Finite-frequency Specifications: A Polynomially Parameter-dependent Approach. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 2808-2817.	2.7	2
30	A Suppression Method of Concentration Background Noise by Transductive Transfer Learning for a Metal Oxide Semiconductor-Based Electronic Nose. <i>Sensors</i> , 2020, 20, 1913.	3.8	6
31	Multiple model adaptive control based on switching/weighting intelligent fusion algorithm. <i>Proceedings of International Conference on Artificial Life and Robotics</i> , 2020, 25, 694-696.	0.1	0
32	Design of Observer-Based Path Following Controllers for Autonomous Vehicles. , 2020, , .		0
33	Soft sensing of alumina concentration in aluminum electrolysis industry based on deep belief network. , 2020, , .		2
34	Anode effect prediction method based on local effect detection. , 2020, , .		4
35	Dissipativity-Preserving Model Reduction for Takagi-Sugeno Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 659-670.	9.8	14
36	Weighted Multiple Neural Network Boundary Control for a Flexible Manipulator With Uncertain Parameters. <i>IEEE Access</i> , 2019, 7, 57633-57641.	4.2	4

#	ARTICLE	IF	CITATIONS
37	RBF Networks-Based Weighted Multi-Model Adaptive Control for a Category of Nonlinear Systems With Jumping Parameters. IEEE Access, 2019, 7, 84929-84937.	4.2	1
38	Output Resilient Containment Control of Heterogeneous Systems With Active Leaders Using Reinforcement Learning Under Attack Inputs. IEEE Access, 2019, 7, 162219-162228.	4.2	6
39	PID Trajectory Tracking Control of Autonomous Ground Vehicle Based on Genetic Algorithm. , 2019, , .		12
40	Subspace method aided fault detection for distributed identical systems. , 2019, , .		0
41	External Excitation of Axial Magnetic Field for Intermediate-Frequency Vacuum Arc Research. IEEE Access, 2019, 7, 161088-161093.	4.2	2
42	Air Quality Index and Air Pollutant Concentration Prediction Based on Machine Learning Algorithms. Applied Sciences (Switzerland), 2019, 9, 4069.	2.5	87
43	Bionic Electronic Nose Based on MOS Sensors Array and Machine Learning Algorithms Used for Wine Properties Detection. Sensors, 2019, 19, 45.	3.8	82
44	A New Adaptive Control System Design Method Based on Neural Network Prediction. Proceedings of International Conference on Artificial Life and Robotics, 2019, 24, 407-410.	0.1	0
45	Review of Active Power Measuring Methods for Vehicle-To-Grid (V2G). , 2018, , .		0
46	Research of Nonlinear Adaptive Control Based on BP Neural Network. , 2018, , .		0
47	An improved adaptive artificial bee colony algorithm. , 2018, , .		0
48	Finite-frequency fault detection for two-dimensional Fornasiniâ€™Marchesini dynamical systems. International Journal of Systems Science, 2017, 48, 2610-2621.	5.5	14
49	Weighted Multiple Model Adaptive Control for a Category of Systems with Colored Noise. Proceedings of International Conference on Artificial Life and Robotics, 2017, 22, 396-399.	0.1	0
50	Active disturbance rejection control in Stribeck friction dynamic compensation for high-accuracy servo systems. , 2016, , .		4
51	Adaptive Control of Discrete-Time Systems Using Multiple Fixed and One Adaptive Identification Models. Proceedings of International Conference on Artificial Life and Robotics, 2016, 21, 316-319.	0.1	0
52	Notice of Removal Active disturbance rejection control for nonlinear two-tank liquid level cascade systems with model uncertainties. , 2015, , .		2
53	Asymptotical stability for 2-D stochastic coupled FMII models on networks. International Journal of Control, Automation and Systems, 2015, 13, 1550-1555.	2.7	1
54	Parameter estimation of 2-D stochastic FM model based on two step estimation procedure. International Journal of Control, Automation and Systems, 2013, 11, 630-635.	2.7	1

#	ARTICLE	IF	CITATIONS
55	The implementation of distributed high-speed high-accuracy data acquisition system based on EtherCAT. , 2013, , .		3
56	The design and implementation of a two-dimension motion platform for track reappearance. , 2013, , .		0
57	Restoring algorithm for traffic data based on self-adaptive generation of area geometry. , 2012, , .		0
58	The convergence of parameter estimates and the real structure information of plant are both unnecessary for a general self-tuning control system - Arbitrary deterministic plant. , 2012, , .		0
59	Stability analysis of weighted multiple model adaptive control of a linear time-invariant discrete-time system. , 2012, , .		0
60	Design of Smith predictor for monitor finishing automatic width control system based on chaos optimization. , 2012, , .		0
61	Verification and implementation of the non-inverting buck-boost converter in energy-harvesting battery charger. , 2012, , .		0
62	Vertical Vibration Model for Unsteady Lubrication in Rolls-Strip Interface of Cold Rolling Mills. Advances in Mechanical Engineering, 2012, 4, 734510.	1.6	15
63	An improved artificial potential field method for solving local minimum problem. , 2011, , .		22
64	Event-based secure leader-following consensus for cyber-physical systems under denial-of-service attacks. International Journal of Robust and Nonlinear Control, 0, , .	3.7	3