

Zhongsheng Hou

List of Publications by Year in descending order

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250
papers

8,810
citations

50276

46
h-index

56724

83
g-index

251
all docs

251
docs citations

251
times ranked

2972
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Iterative Learning Fault-Tolerant Control for State Constrained Nonlinear Systems With Randomly Varying Iteration Lengths. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1735-1749.	11.3	4
2	Adaptive NN-Based Event-Triggered Containment Control for Unknown Nonlinear Networked Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2742-2752.	11.3	6
3	Double Dynamic Linearization-Based Higher Order Indirect Adaptive Iterative Learning Control. IEEE Transactions on Cybernetics, 2023, 53, 3506-3517.	9.5	4
4	Event-Triggered Adaptive Fuzzy Asymptotic Tracking Control of Nonlinear Pure-Feedback Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2023, 53, 2380-2390.	9.5	22
5	Data-Driven Adaptive Iterative Learning Bipartite Consensus for Heterogeneous Nonlinear Cooperation Antagonism Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8262-8270.	11.3	7
6	Data-Driven Distributed Information-Weighted Consensus Filtering in Discrete-Time Sensor Networks With Switching Topologies. IEEE Transactions on Cybernetics, 2023, 53, 7548-7559.	9.5	1
7	Constrained Model Free Adaptive Predictive Perimeter Control and Route Guidance for Multi-Region Urban Traffic Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 912-924.	8.0	19
8	Quantitative Data-Driven Adaptive Iterative Learning Control: From Trajectory Tracking to Point-to-Point Tracking. IEEE Transactions on Cybernetics, 2022, 52, 4859-4873.	9.5	26
9	Two-level hierarchical optimal control for urban traffic networks. Transportmetrica A: Transport Science, 2022, 18, 144-165.	2.0	4
10	Spatial Linear Dynamic Relationship of Strongly Connected Multiagent Systems and Adaptive Learning Control for Different Formations. IEEE Transactions on Cybernetics, 2022, 52, 531-543.	9.5	15
11	Cooperative Adaptive Iterative Learning Fault-Tolerant Control Scheme for Multiple Subway Trains. IEEE Transactions on Cybernetics, 2022, 52, 1098-1111.	9.5	29
12	Event-Based Design of Finite-Time Adaptive Control of Uncertain Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3804-3813.	11.3	32
13	Resilient Model-Free Adaptive Iterative Learning Control for Nonlinear Systems Under Periodic DoS Attacks via a Fading Channel. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4117-4128.	9.3	38
14	A Data-Driven ILC Framework for a Class of Nonlinear Discrete-Time Systems. IEEE Transactions on Cybernetics, 2022, 52, 6143-6157.	9.5	17
15	Data-Driven Adaptive Consensus Learning From Network Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3487-3497.	11.3	10
16	Distributed Data-Driven Iterative Learning Consensus Tracking for Nonlinear Discrete-Time Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 3670-3677.	5.7	20
17	Controller-Dynamic-Linearization-Based Data-Driven ILC for Nonlinear Discrete-Time Systems With RBFNN. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4981-4992.	9.3	11
18	Discrete-Time-Distributed Adaptive ILC With Nonrepetitive Uncertainties and Applications to Building HVAC Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5068-5080.	9.3	10

#	ARTICLE	IF	CITATIONS
19	Constrained Spatial Adaptive Iterative Learning Control for Trajectory Tracking of High Speed Train. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11720-11728.	8.0	19
20	Quantisation compensated data-driven iterative learning control for nonlinear systems. International Journal of Systems Science, 2022, 53, 275-290.	5.5	4
21	Data-Driven Formation Control for Unknown MIMO Nonlinear Discrete-Time Multi-Agent Systems With Sensor Fault. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7728-7742.	11.3	37
22	Event-Triggered Fuzzy Adaptive Fixed-Time Tracking Control for Nonlinear Systems. IEEE Transactions on Cybernetics, 2022, 52, 7206-7217.	9.5	39
23	Model-Free Adaptive Control for Unknown MIMO Nonaffine Nonlinear Discrete-Time Systems With Experimental Validation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1727-1739.	11.3	47
24	Multivariable Model-Free Adaptive Controller Design With Differential Characteristic for Load Reduction of Wind Turbines. IEEE Transactions on Energy Conversion, 2022, 37, 1106-1114.	5.2	12
25	Data-Driven Event-Triggered Cooperative Control for Multiple Subway Trains With Switching Topologies. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14702-14711.	8.0	19
26	Event-Triggered Data-Driven Load Frequency Control for Multiarea Power Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 5982-5991.	11.3	25
27	Stabilizing regions of PID controller for a class of unknown nonlinear nonaffine discrete-time systems. International Journal of Robust and Nonlinear Control, 2022, 32, 9421-9437.	3.7	3
28	Robust point-to-point iterative learning control for high speed trains with model uncertainty and wind gust. Asian Journal of Control, 2022, 24, 3522-3537.	3.0	5
29	Data-driven iterative learning control using a uniform quantizer with an encoding-decoding mechanism. International Journal of Robust and Nonlinear Control, 2022, 32, 4336-4354.	3.7	6
30	A Novel Anti-Saturation Model-Free Adaptive Control Algorithm and Its Application in the Electric Vehicle Braking Energy Recovery System. Symmetry, 2022, 14, 580.	2.2	6
31	Data-driven consensus control for a class of unknown nonlinear multiagent systems with time delays. IET Control Theory and Applications, 2022, 16, 698-717.	2.1	2
32	Event-Based Adaptive Neural Asymptotic Tracking Control for Networked Nonlinear Stochastic Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 2290-2300.	6.4	7
33	Security Data-Driven Control for Nonlinear Systems Subject to Deception and False Data Injection Attacks. IEEE Transactions on Network Science and Engineering, 2022, 9, 2910-2921.	6.4	12
34	Adaptive command filtered fixed-time control of nonlinear systems with input quantization. Applied Mathematics and Computation, 2022, 427, 127186.	2.2	10
35	Distributed model-free adaptive predictive control for heterogeneous nonlinear multi-agent systems. International Journal of Systems Science, 2022, 53, 3027-3041.	5.5	3
36	Event-Based Adaptive Fuzzy Asymptotic Tracking Control of Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3003-3013.	9.8	47

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37	Event-Triggered Nonlinear Iterative Learning Control. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5118-5128.	11.3	33
38	Perimeter Control of Urban Traffic Networks Based on Model-Free Adaptive Control. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6460-6472.	8.0	23
39	RBFNN-Based Adaptive Iterative Learning Fault-Tolerant Control for Subway Trains With Actuator Faults and Speed Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5785-5799.	9.3	17
40	Observer-Based Sampled-Data Model-Free Adaptive Control for Continuous-Time Nonlinear Nonaffine Systems With Input Rate Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7813-7822.	9.3	20
41	Data-Driven Iterative Learning Control for Nonlinear Discrete-Time MIMO Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1136-1148.	11.3	38
42	Adaptive Fuzzy Iterative Learning Control for High-Speed Trains With Both Randomly Varying Operation Lengths and System Constraints. IEEE Transactions on Fuzzy Systems, 2021, 29, 2408-2418.	9.8	41
43	Data-Driven Terminal Iterative Learning Consensus for Nonlinear Multiagent Systems With Output Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1963-1973.	11.3	33
44	Adaptive Iterative Learning Control for Subway Trains Using Multiple-Point-Mass Dynamic Model Under Speed Constraint. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1388-1400.	8.0	27
45	Extended State Observer-Based Data-Driven Iterative Learning Control for Permanent Magnet Linear Motor With Initial Shifts and Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1881-1891.	9.3	70
46	Adaptive Fuzzy Asymptotic Tracking for Nonlinear Systems With Nonstrict-Feedback Structure. IEEE Transactions on Cybernetics, 2021, 51, 853-861.	9.5	48
47	Active Disturbance Rejection Based Repetitive Learning Control With Applications in Power Inverters. IEEE Transactions on Control Systems Technology, 2021, 29, 2038-2048.	5.2	18
48	Convergence Analysis of Sampled-Data ILC for Locally Lipschitz Continuous Nonlinear Nonaffine Systems With Nonrepetitive Uncertainties. IEEE Transactions on Automatic Control, 2021, 66, 3347-3354.	5.7	10
49	Active Disturbance Rejection Control for Nonaffined Globally Lipschitz Nonlinear Discrete-Time Systems. IEEE Transactions on Automatic Control, 2021, 66, 5955-5967.	5.7	27
50	Data-Driven urban traffic model-free adaptive iterative learning control with traffic data dropout compensation. IET Control Theory and Applications, 2021, 15, 1533-1544.	2.1	8
51	Finite time asymmetric bipartite consensus for multi-agent systems based on iterative learning control. International Journal of Robust and Nonlinear Control, 2021, 31, 5708-5724.	3.7	17
52	Event-triggered prescribed performance adaptive fuzzy asymptotic tracking of nonstrict-feedback nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5776-5795.	3.7	6
53	Model-Free-Adaptive-Control for Moving Object Detection in RGB Video Sequence. , 2021, , .		0
54	Adaptive fixed-time tracking control for stochastic pure-feedback nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1712-1731.	4.1	9

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55	Observer based switching ILC for consensus of nonlinear nonaffine multi-agent systems. Journal of the Franklin Institute, 2021, 358, 6195-6216.	3.4	7
56	Quantized Data Driven Iterative Learning Control for a Class of Nonlinear Systems With Sensor Saturation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5119-5129.	9.3	49
57	3-D Learning-Enhanced Adaptive ILC for Iteration-Varying Formation Tasks. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 89-99.	11.3	32
58	Adjacent-Agent Dynamic Linearization-Based Iterative Learning Formation Control. IEEE Transactions on Cybernetics, 2020, 50, 4358-4369.	9.5	47
59	Data-Driven Model Free Adaptive Perimeter Control for Multi-Region Urban Traffic Networks With Route Choice. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2894-2905.	8.0	45
60	RBFNN-Based Data-Driven Predictive Iterative Learning Control for Nonaffine Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1170-1182.	11.3	70
61	The model-free adaptive cross-coupled control for two-dimensional linear motor. Transactions of the Institute of Measurement and Control, 2020, 42, 1059-1069.	1.7	10
62	Discrete-Time Extended State Observer-Based Model-Free Adaptive Control Via Local Dynamic Linearization. IEEE Transactions on Industrial Electronics, 2020, 67, 8691-8701.	7.9	53
63	Finite-Time Consensus for Linear Multi-Agent Systems Using Data-Driven Terminal ILC. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2029-2033.	3.0	36
64	Compensation-based data-driven ILC with input and output package dropouts. International Journal of Robust and Nonlinear Control, 2020, 30, 950-965.	3.7	11
65	Model-free adaptive control for a class of nonlinear systems with uniform quantizer. International Journal of Robust and Nonlinear Control, 2020, 30, 6383-6398.	3.7	18
66	Model-free adaptive formation control for unknown multiinput-multioutput nonlinear heterogeneous discrete-time multiagent systems with bounded disturbance. International Journal of Robust and Nonlinear Control, 2020, 30, 6330-6350.	3.7	22
67	Data-driven nonlinear ILC with varying trial lengths. Journal of the Franklin Institute, 2020, 357, 10262-10287.	3.4	7
68	Spatial Adaptive Iterative Learning Control for Automatic Driving of High Speed Train. , 2020, , .		3
69	Data driven model free adaptive iterative learning perimeter control for large-scale urban road networks. Transportation Research Part C: Emerging Technologies, 2020, 115, 102618.	7.6	56
70	Iterative Learning Model Predictive Control Approaches for Trajectory Based Aircraft Operation with Controlled Time of Arrival. International Journal of Control, Automation and Systems, 2020, 18, 2641-2649.	2.7	11
71	Data-driven robust stabilization with robust domain of attraction estimate for nonlinear discrete-time systems. Automatica, 2020, 119, 109031.	5.0	2
72	Model free adaptive control for a class of nonlinear systems with fading measurements. Journal of the Franklin Institute, 2020, 357, 7743-7760.	3.4	15

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73	A data-driven approach for trajectory-based aircraft operation with controlled time of arrival and along-track wind effects. Transactions of the Institute of Measurement and Control, 2020, 42, 2166-2177.	1.7	1
74	Path tracking control of a self-driving wheel excavator via an enhanced data-driven model-free adaptive control approach. IET Control Theory and Applications, 2020, 14, 220-232.	2.1	20
75	Quasi-Newton method based control design for unknown nonlinear systems with input constraints. Science China Information Sciences, 2020, 63, 1.	4.3	1
76	Model-Free Adaptive Direct Torque Control for the Speed Regulation of Asynchronous Motors. Processes, 2020, 8, 333.	2.8	3
77	Observer-based data-driven constrained norm optimal iterative learning control for unknown non-affine non-linear systems with both available and unavailable system states. Journal of the Franklin Institute, 2020, 357, 5852-5877.	3.4	8
78	Robust model-free adaptive iterative learning formation for unknown heterogeneous nonlinear multi-agent systems. IET Control Theory and Applications, 2020, 14, 654-663.	2.1	36
79	Model-free adaptive fault-tolerant control for subway trains with speed and traction/braking force constraints. IET Control Theory and Applications, 2020, 14, 1557-1566.	2.1	25
80	Model-free adaptive control method for a class of unknown MIMO systems with measurement noise and application to quadrotor aircraft. IET Control Theory and Applications, 2020, 14, 2084-2096.	2.1	31
81	Energy Saving Control of Bionic Robotic Fish based on Model-free Adaptive Control. IFAC-PapersOnLine, 2020, 53, 3934-3939.	0.9	6
82	Model-Free Adaptive Fault-Tolerant Control for Multiple Point-Mass Subway Trains With Speed and Traction/Braking Force Constraints. IFAC-PapersOnLine, 2020, 53, 3916-3921.	0.9	3
83	Data-Driven Robust Stabilization with Robust DOA Enlargement for Nonlinear Systems. IFAC-PapersOnLine, 2020, 53, 5877-5882.	0.9	0
84	Model Free Adaptive Control for the Temperature Adjustment of UGI Coal Gasification Process in Synthetic Ammonia Industry. , 2020, , .		1
85	Model Free Adaptive Pitch Control of a Flapping Wing Micro Aerial Vehicle with Input Saturation. , 2020, , .		2
86	Data-Driven Model-Free Adaptive Predictive Control for a Class of MIMO Nonlinear Discrete-Time Systems With Stability Analysis. IEEE Access, 2019, 7, 102852-102866.	4.2	36
87	Iterative dynamic linearization and identification of a nonlinear learning controller: A data-driven approach. Journal of the Franklin Institute, 2019, 356, 7009-7027.	3.4	3
88	Perimeter Control for Two-region Urban Traffic System Based on Model Free Adaptive Predictive Control with Constraints. IFAC-PapersOnLine, 2019, 52, 25-30.	0.9	5
89	Model Free Adaptive Iterative Learning Control for Tool Feed System in Noncircular Turning. IEEE Access, 2019, 7, 113712-113725.	4.2	8
90	On Model-Free Adaptive Control and Its Stability Analysis. IEEE Transactions on Automatic Control, 2019, 64, 4555-4569.	5.7	305

#	ARTICLE	IF	CITATIONS
91	Model free adaptive iterative learning control for a class of nonlinear systems with randomly varying iteration lengths. Journal of the Franklin Institute, 2019, 356, 2491-2504.	3.4	30
92	Data-Driven Model-Free Adaptive Attitude Control Approach for Launch Vehicle With Virtual Reference Feedback Parameters Tuning Method. IEEE Access, 2019, 7, 54106-54116.	4.2	29
93	Multi-Agent-Based Data-Driven Distributed Adaptive Cooperative Control in Urban Traffic Signal Timing. Energies, 2019, 12, 1402.	3.1	33
94	Data-driven approximate Q-learning stabilization with optimality error bound analysis. Automatica, 2019, 103, 435-442.	5.0	13
95	A Novel Dual Successive Projection-Based Model-Free Adaptive Control Method and Application to an Autonomous Car. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3444-3457.	11.3	90
96	Data-driven multi-inverter cooperative control for voltage tracking and current sharing in islanded AC microgrids. Transactions of the Institute of Measurement and Control, 2019, 41, 3145-3157.	1.7	10
97	Ramp Metering via Feedback-Aided Iterative Learning Control for Freeway Traffic Systems under Iteration-Varying Boundary Conditions. , 2019, , .		0
98	Feedforward and Feedback Model Free Adaptive Iterative Learning Control with Application to a Linear Motor System. , 2019, , .		1
99	A Novel Modified Robust Model-Free Adaptive Control Method for a Class of Nonlinear Systems with Time Delay. , 2019, , .		5
100	MIMO Model-Free Adaptive Control Color Background Image Extraction to Video. , 2019, , .		2
101	Model Free Adaptive Attitude Control for a Launch Vehicle. , 2019, , .		3
102	Iterative Learning based Model Free Adaptive Control for Subway Trains with Speed and Input Constraints. , 2019, , .		7
103	Urban Traffic Control Based on Model Free Adaptive Iterative Learning Control Scheme. , 2019, , .		1
104	Multi-lagged-input iterative dynamic linearization based data-driven adaptive iterative learning control. Journal of the Franklin Institute, 2019, 356, 457-473.	3.4	13
105	Model Free Adaptive Iterative Learning Consensus Tracking Control for a Class of Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 677-686.	9.3	172
106	An Improved Data-Driven Point-to-Point ILC Using Additional On-Line Control Inputs With Experimental Verification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 687-696.	9.3	62
107	Adaptive Iterative Learning Control for Linear Systems With Binary-Valued Observations. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 232-237.	11.3	90
108	D-Type ILC Based Dynamic Modeling and Norm Optimal ILC for High-Speed Trains. IEEE Transactions on Control Systems Technology, 2018, 26, 652-663.	5.2	75

#	ARTICLE	IF	CITATIONS
109	Data-Driven Multiagent Systems Consensus Tracking Using Model Free Adaptive Control. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1514-1524.	11.3	193
110	Data-driven high-order terminal iterative learning control with a faster convergence speed. International Journal of Robust and Nonlinear Control, 2018, 28, 103-119.	3.7	42
111	Formation control for a class of nonlinear multiagent systems using model-free adaptive iterative learning. International Journal of Robust and Nonlinear Control, 2018, 28, 1402-1412.	3.7	55
112	Model Free Adaptive Control for a Class of Nonlinear Systems Using Quantized Information. Asian Journal of Control, 2018, 20, 962-968.	3.0	27
113	Computationally Light Non-Lifted Data-Driven Norm-Optimal Iterative Learning Control. Asian Journal of Control, 2018, 20, 115-124.	3.0	27
114	Modified P-Type ILC for High-Speed Trains with Varying Trial Lengths. , 2018, , .		2
115	Computationally Inexpensive Robust Data Driven Optimal Point-To-Point Tracking ILC for City Subway Trains subject to Iteration-Dependent Disturbances. , 2018, , .		4
116	Model-free Adaptive Control for a Vapour-Compression Refrigeration Benchmark Process ̂ ̂ This work is supported by National Natural Science Foundation of China (NSFC) under Grants 61433002 and 61403025, and by Beijing Natural Science Foundation under Grant L161007 (Corresponding author: Tj ETQq0 0 0 r g B T / O v e r l o c k 1 0 T f	0.9	7
117	Model Free Adaptive Perimeter Control for Two-Region Urban Traffic System with Input and Output Constraints. , 2018, , .		2
118	A Novel Data-Driven Filtering Algorithm for a Class of Discrete-Time Nonlinear Systems. , 2018, , .		7
119	A Data-Driven Iterative Learning Control Framework Based on Controller Dynamic Linearization. , 2018, , .		6
120	Data driven control for a class of nonlinear systems with output saturation. ISA Transactions, 2018, 81, 1-7.	5.7	33
121	Computationally Efficient Data-Driven Higher Order Optimal Iterative Learning Control. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5971-5980.	11.3	86
122	Dual RBFNNs-Based Model-Free Adaptive Control With Aspen HYSYS Simulation. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 759-765.	11.3	48
123	Lazy-Learning-Based Data-Driven Model-Free Adaptive Predictive Control for a Class of Discrete-Time Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1914-1928.	11.3	87
124	Distributed information-weighted Kalman consensus filter for sensor networks. Automatica, 2017, 77, 18-30.	5.0	117
125	Data-driven approximate value iteration with optimality error bound analysis. Automatica, 2017, 78, 79-87.	5.0	16
126	Stability analysis of quantized iterative learning control systems using lifting representation. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1327-1336.	4.1	36

#	ARTICLE	IF	CITATIONS
127	Constrained data-driven optimal iterative learning control. Journal of Process Control, 2017, 55, 10-29.	3.3	74
128	Data-Driven Control and Learning Systems. IEEE Transactions on Industrial Electronics, 2017, 64, 4070-4075.	7.9	71
129	Quantized H ∞ control for a class of 2-D systems with missing measurements. International Journal of Control, Automation and Systems, 2017, 15, 706-715.	2.7	2
130	An Overview of Dynamic-Linearization-Based Data-Driven Control and Applications. IEEE Transactions on Industrial Electronics, 2017, 64, 4076-4090.	7.9	331
131	Adaptive Iterative Learning Control for Freeway Traffic Flow Systems Using Improved Bacterial Foraging Optimized Desired Traffic Densities Planning. International Journal of Fuzzy Systems, 2017, 19, 1492-1511.	4.0	3
132	Robust model free adaptive control for a class of nonlinear MIMO systems with measurement noise and data dropout. , 2017, , .		2
133	Consensus tracking of multi-agent systems with time-delays using adaptive iterative learning control. , 2017, , .		3
134	Model-free adaptive MIMO control algorithm application in polishing robot. , 2017, , .		11
135	Iterative learning control for discrete-time nonlinear systems based on adaptive tuning of 2D learning gain. , 2017, , .		4
136	A path planning algorithm for unmanned vehicles based on target-oriented rapidly-exploring random tree. , 2017, , .		2
137	Freeway and side road balancing control scheme using MFAILC approach. , 2017, , .		1
138	Data-driven model-free adaptive control based on a novel double successive projection algorithm. , 2016, , .		0
139	A novel adaptive iterative learning control via data-driven approach. , 2016, , .		1
140	Convergence analysis of quantized iterative learning control using lifting representation. , 2016, , .		1
141	Data-driven iterative learning control for I/O constrained LTI systems. , 2016, , .		2
142	Local learning-based model-free adaptive predictive control for adjustment of oxygen concentration in syngas manufacturing industry. IET Control Theory and Applications, 2016, 10, 1384-1394.	2.1	38
143	Adaptive iterative learning control for nonlinear uncertain systems with both state and input constraints. Journal of the Franklin Institute, 2016, 353, 3920-3943.	3.4	36
144	Model free adaptive predictive control approach for phase splits of urban traffic network. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
145	Adaptive iterative learning reliable control for a class of non-linearly parameterised systems with unknown state delays and input saturation. IET Control Theory and Applications, 2016, 10, 2160-2174.	2.1	45
146	Iterative learning control based phase splits strategy for oversaturated urban traffic network. , 2016, , .		1
147	Adaptive iterative learning control for a class of non-linearly parameterised systems with input saturations. International Journal of Systems Science, 2016, 47, 1084-1094.	5.5	30
148	Repeatability and Similarity of Freeway Traffic Flow and Long-Term Prediction Under Big Data. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1786-1796.	8.0	90
149	Data-driven predictive iterative learning control for a class of multiple-input and multiple-output nonlinear systems. Transactions of the Institute of Measurement and Control, 2016, 38, 266-281.	1.7	25
150	Adaptive Iterative Learning Control for High-Speed Trains With Unknown Speed Delays and Input Saturations. IEEE Transactions on Automation Science and Engineering, 2016, 13, 260-273.	5.2	153
151	High-order data-driven optimal TILC approach for fed-batch processes. Canadian Journal of Chemical Engineering, 2015, 93, 1455-1461.	1.7	9
152	Adaptive Terminal ILC for Iteration-varying Target Points. Asian Journal of Control, 2015, 17, 952-962.	3.0	19
153	Neural network state learning based adaptive terminal ILC for tracking iteration-varying target points. International Journal of Automation and Computing, 2015, 12, 266-272.	4.5	13
154	A novel terminal iterative learning control with high-order error information. , 2015, , .		0
155	Data-driven semi-global discrete-time nonlinear output tracking. , 2015, , .		0
156	A Simultaneous Iterative Learning Control and Dynamic Modeling Approach for A Class of Nonlinear Systems**This work was supported by National Science Foundation of China (61120106009, 61433002,) Tj ETQq000 rgBT4Overlock 1		0
157	Adaptive Iterative Learning Control Based High Speed Train Operation Tracking Under Iteration-varying Parameter and Measurement Noise. Asian Journal of Control, 2015, 17, 1779-1788.	3.0	32
158	Optimal Terminal Iterative Learning Control for the Automatic Train Stop System. Asian Journal of Control, 2015, 17, 1992-1999.	3.0	31
159	Data-driven terminal iterative learning control with high-order learning law for a class of non-linear discrete-time multiple-input multiple output systems. IET Control Theory and Applications, 2015, 9, 1075-1082.	2.1	44
160	A data-driven adaptive ILC for a class of nonlinear discrete-time systems with random initial states and iteration-varying target trajectory. Journal of the Franklin Institute, 2015, 352, 2407-2424.	3.4	48
161	Controller dynamic linearisation-based model-free adaptive control framework for a class of non-linear system. IET Control Theory and Applications, 2015, 9, 1162-1172.	2.1	38
162	A unified data-driven design framework of optimality-based generalized iterative learning control. Computers and Chemical Engineering, 2015, 77, 10-23.	3.8	101

#	ARTICLE	IF	CITATIONS
163	Enhanced Data-Driven Optimal Terminal ILC Using Current Iteration Control Knowledge. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2939-2948.	11.3	48
164	A Fuzzy-Neural Adaptive Terminal Iterative Learning Control for Fed-Batch Fermentation Processes. International Journal of Fuzzy Systems, 2015, 17, 423-433.	4.0	20
165	Full form dynamic linearization controller based data-driven model free adaptive control. , 2015, , .		2
166	Adaptive iterative learning control for nonlinearly parameterised systems with unknown time-varying delays and input saturations. International Journal of Control, 2015, 88, 1133-1141.	1.9	34
167	Iterative learning control for train trajectory tracking under speed constrains with iteration-varying parameter. Transactions of the Institute of Measurement and Control, 2015, 37, 485-493.	1.7	30
168	Terminal ILC design and analysis via a dynamical predictive model. , 2014, , .		2
169	\hat{z} iterative learning controller design for a class of discrete-time systems with data dropouts. International Journal of Systems Science, 2014, 45, 1902-1912.	5.5	49
170	Freeway Traffic Density and On-Ramp Queue Control via ILC Approach. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	8
171	An intermittent iterative learning control design based on a 2D roesser system. , 2014, , .		0
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