

Xiao-Dong Li

List of Publications by Year in descending order

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42
papers

581
citations

567281

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all docs

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docs citations

42
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	2-D system theory based iterative learning control for linear continuous systems with time delays. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 1421-1430.	0.1	84
2	Adaptive ILC algorithms of nonlinear continuous systems with non-parametric uncertainties for non-repetitive trajectory tracking. International Journal of Systems Science, 2016, 47, 2279-2289.	5.5	55
3	Robust higher-order ILC for nonlinear discrete-time systems with varying trail lengths and random initial state shifts. IET Control Theory and Applications, 2017, 11, 2440-2447.	2.1	33
4	Adaptive iterative learning control of non-linear MIMO continuous systems with iteration-varying initial error and reference trajectory. International Journal of Systems Science, 2013, 44, 786-794.	5.5	31
5	Iterative learning control for linear discrete-time systems with high relative degree under initial state vibration. IET Control Theory and Applications, 2016, 10, 1115-1126.	2.1	29
6	HONN-Based Adaptive ILC for Pure-Feedback Nonaffine Discrete-Time Systems With Unknown Control Directions. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 212-224.	11.3	29
7	Adaptive ILC for tracking non-repetitive reference trajectory of 2-D FMM under random boundary condition. International Journal of Control, Automation and Systems, 2016, 14, 478-485.	2.7	25
8	Varying trail lengths-based iterative learning control for linear discrete-time systems with vector relative degree. International Journal of Systems Science, 2017, 48, 2146-2156.	5.5	25
9	An adaptive discrete-time ILC strategy using fuzzy systems for iteration-varying reference trajectory tracking. International Journal of Control, Automation and Systems, 2015, 13, 222-230.	2.7	24
10	Iterative learning control for two-dimensional linear discrete systems with Fornasini-Marchesini model. International Journal of Control, Automation and Systems, 2017, 15, 1710-1719.	2.7	23
11	Iterative learning control for a class of nonlinear discrete-time systems with multiple input delays. International Journal of Systems Science, 2008, 39, 361-369.	5.5	19
12	High-Order Internal Model-Based Iterative Learning Control for 2-D Linear FMMI Systems With Iteration-Varying Trajectory Tracking. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-11.	9.3	18
13	Further results on iterative learning control with convergence conditions for linear time-variant discrete systems. International Journal of Systems Science, 2011, 42, 989-996.	5.5	16
14	Dominant-Modes-Based Sliding-Mode Observer for Estimation of Temperature Distribution in Rapid Thermal Processing System. IEEE Transactions on Industrial Informatics, 2019, 15, 2673-2681.	11.3	16
15	Adaptive fuzzy ILC of nonlinear discrete-time systems with unknown dead zones and control directions. International Journal of Systems Science, 2018, 49, 1878-1894.	5.5	15
16	Discrete-Time Advanced Zeroing Neurodynamic Algorithm Applied to Future Equality-Constrained Nonlinear Optimization With Various Noises. IEEE Transactions on Cybernetics, 2022, 52, 3539-3552.	9.5	15
17	New five-step DTZD algorithm for future nonlinear minimization with quartic steady-state error pattern. Numerical Algorithms, 2019, 81, 1043-1065.	1.9	13
18	Robust Iterative Learning Control of 2-D Linear Discrete FMMII Systems Subject to Iteration-Dependent Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5949-5961.	9.3	13

#	ARTICLE	IF	CITATIONS
19	An open-closed-loop iterative learning control approach for nonlinear switched systems with application to freeway traffic control. <i>International Journal of Systems Science</i> , 2017, 48, 2752-2763.	5.5	10
20	New Discretized Zeroing Neural Network Models for Solving Future System of Bounded Inequalities and Nonlinear Equations Aided With General Explicit Linear Four-Step Rule. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5164-5174.	11.3	10
21	Robust iterative learning control with rectifying action for nonlinear discrete time-delayed systems. <i>Multidimensional Systems and Signal Processing</i> , 2014, 25, 723-739.	2.6	9
22	Robust networked ILC for switched nonlinear discrete systems with non-repetitive uncertainties and random data dropouts. <i>International Journal of Systems Science</i> , 0, , 1-15.	5.5	9
23	Robust iterative learning control for linear continuous systems with vector relative degree under varying input trail lengths and random initial state shifts. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 609-622.	3.7	8
24	Postsynthetic Modification of Half-Sandwich Ruthenium Complexes by Mechanochemical Synthesis. <i>Inorganic Chemistry</i> , 2021, 60, 4313-4321.	4.0	8
25	Iterative Learning Control for 2-D linear discrete systems with Roesser's model. , 2012, , .		5
26	PID-type iterative learning control for 2-D Roesser model. , 2017, , .		5
27	Eigenspectrum-based extended Luenberger observers for a class of distributed parameter systems. <i>Journal of Process Control</i> , 2020, 96, 15-22.	3.3	5
28	Mechanochemical synthesis of half-sandwich iridium/rhodium complexes with 8-hydroxyquinoline derivatives ligands. <i>Applied Organometallic Chemistry</i> , 0, , e6588.	3.5	4
29	Iterative learning control for linear time-variant continuous systems with iteration-varying initial conditions and iteration-varying reference trajectories. , 2010, , .		3
30	PID and EPID types of Iterative Learning Control based on Evolutionary Algorithm. , 2014, , .		3
31	Carbon nanotube-impeded transport of non-steroidal anti-inflammatory drugs in Xiangjiang sediments. <i>Journal of Colloid and Interface Science</i> , 2017, 498, 229-238.	9.4	3
32	AFD-based ILC designs in frequency domain for linear discrete-time systems. <i>International Journal of Systems Science</i> , 2020, 51, 3393-3407.	5.5	3
33	New Jerk-Level Configuration Adjustment Schemes Applied to Constrained Redundant Robots. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 2528-2538.	11.3	3
34	Zhang neuronet solving complex-valued time-varying linear inequalities. , 2015, , .		2
35	Networked Iterative Learning Control for Nonlinear Switched Discrete-time Systems with Random Measurement Packet Losses. , 2018, , .		2
36	Data-driven ILC algorithms using AFD in frequency domain for unknown linear discrete-time systems. <i>Journal of the Franklin Institute</i> , 2022, 359, 2445-2462.	3.4	2

#	ARTICLE	IF	CITATIONS
37	Color Correlogram Based Particle Filter for Object Tracking. , 2008, , .		1
38	An iterative learning control approach for two dimensional discrete Fornasini-Mrchesini Model. , 2016, , .		1
39	Solving Discrete Dynamic Nonlinear Equation System Using New-Type DTG Model With Occasionally-Singular Jacobian Matrix. , 2020, , .		1
40	An Adaptive ILC Method for Non-Parameterized Nonlinear Continuous Systems to Track Iteration-Dependent Trajectory. , 2021, , .		1
41	Blind identification of a class of nonlinear systems with cyclostationary input. Journal of Electronics, 2008, 25, 827-829.	0.2	0
42	Discrete-time Iterative Learning Control for nonlinear state-delayed systems with fixed initial errors. , 2011, , .		0