

Zhi-Chang Qin

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

174
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel Cell Mapping Method for Global Analysis of High-Dimensional Nonlinear Dynamical Systems1. Journal of Applied Mechanics, Transactions ASME, 2015, 82, .	2.2	50
2	Multi-objective optimal design of feedback controls for dynamical systems with hybrid simple cell mapping algorithm. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1465-1473.	3.3	35
3	Input-output tracking control of a 2-DOF laboratory helicopter with improved algebraic differential estimation. Mechanical Systems and Signal Processing, 2019, 116, 843-857.	8.0	25
4	Multi-objective optimal design of sliding mode control with parallel simple cell mapping method. JVC/Journal of Vibration and Control, 2017, 23, 46-54.	2.6	20
5	Control experiments on time-delayed dynamical systems. JVC/Journal of Vibration and Control, 2014, 20, 827-837.	2.6	13
6	Dual-Loop Robust Attitude Control for an Aerodynamic System With Unknown Dynamic Model: Algorithm and Experimental Validation. IEEE Access, 2020, 8, 36582-36594.	4.2	9
7	Robust Experimental Study of Data-driven Optimal Control for an Underactuated Rotary Flexible Joint. International Journal of Control, Automation and Systems, 2020, 18, 1202-1214.	2.7	7
8	Multi-objective optimal motion control of a laboratory helicopter based on parallel simple cell mapping method. Asian Journal of Control, 2020, 22, 1565-1578.	3.0	6
9	Cluster Analysis and Switching Algorithm of Multi-Objective Optimal Control Design. Journal of Vibration and Acoustics, Transactions of the ASME, 2017, 139, .	1.6	3
10	Demonstration of a model-free backstepping control on a 2-DOF laboratory helicopter. International Journal of Dynamics and Control, 2021, 9, 97-108.	2.5	3
11	A reinforcement learning-based near-optimal hierarchical approach for motion control: Design and experiment. ISA Transactions, 2022, 129, 673-683.	5.7	2
12	An Experimental Study of Robustness of Multi-Objective Optimal Sliding Mode Control. Journal of Vibration and Acoustics, Transactions of the ASME, 2016, 138, .	1.6	1
13	Switching Control of Uncertain Dynamical Systems with Time Delay. , 2013, , 323-344.		0