

Kairui Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	239 citations	10 h-index	14 g-index
36 ext. papers	336 ext. citations	3.8 avg, IF	3.61 L-index

#	Paper	IF	Citations
31	Remaining useful life prediction with insufficient degradation data based on deep learning approach. <i>Eksploracja I Niezawodnosc</i> , 2021 , 23, 745-756	3.5	0
30	Direct Adaptive Fuzzy Control Scheme With Guaranteed Tracking Performances For Uncertain Canonical Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	3
29	Stochastic synchronization of nonlinear networks with directed graphs and degenerate noise. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	1
28	Distributed Observer Design for Linear Systems under Time-Varying Communication Delay. <i>Complexity</i> , 2021 , 2021, 1-12	1.6	
27	Joint model for residual life estimation based on Long-Short Term Memory network. <i>Neurocomputing</i> , 2020 , 410, 284-294	5.4	4
26	Output Consensus of Heterogeneous Multiagent Systems: A Distributed Observer-Based Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-7	7.3	8
25	A Deep Quadruplet Network for Local Descriptor Learning. <i>IEEE Access</i> , 2020 , 8, 16807-16815	3.5	1
24	Fine-Grained Image Retrieval via Piecewise Cross Entropy loss. <i>Image and Vision Computing</i> , 2020 , 93, 103820	3.7	10
23	Deeply learned pore-scale facial features with a large pore-to-pore correspondences dataset. <i>Pattern Recognition Letters</i> , 2020 , 129, 247-254	4.7	
22	Inverse Jacobian Adaptive Tracking Control of Robot Manipulators with Kinematic, Dynamic, and Actuator Uncertainties. <i>Complexity</i> , 2020 , 2020, 1-12	1.6	2
21	Leader-Following Consensus for a Class of Nonlinear Strick-Feedback Multiagent Systems With State Time-Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2351-2361	7.3	34
20	Cluster output regulation of heterogeneous multi-agent systems. <i>International Journal of Control</i> , 2020 , 93, 2973-2981	1.5	2
19	Optimal Multi-Objective Burn-In Policy Based on Time-Transformed Wiener Degradation Process. <i>IEEE Access</i> , 2019 , 7, 73529-73539	3.5	3
18	Adaptive Fuzzy Control for Teleoperation System with Uncertain Kinematics and Dynamics. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1158-1166	2.9	11
17	Adaptive tracking control of a nonlinear teleoperation system with uncertainties in kinematics and dynamics. <i>Advances in Mechanical Engineering</i> , 2019 , 11, 168781401983817	1.2	1
16	. <i>IEEE Access</i> , 2019 , 7, 136106-136115	3.5	1
15	Optimal Burn-in Strategy for High Reliable Products Using Convolutional Neural Network. <i>IEEE Access</i> , 2019 , 7, 178511-178521	3.5	1

14	Observer-based adaptive consensus tracking control for nonlinear multi-agent systems with actuator hysteresis. <i>Nonlinear Dynamics</i> , 2019 , 95, 2181-2195	5	11
13	Cluster consensus of heterogeneous linear multi-agent systems. <i>IET Control Theory and Applications</i> , 2018 , 12, 1533-1542	2.5	11
12	Output Consensus of Heterogeneous Multiagent Systems with Physical and Communication Graphs. <i>Complexity</i> , 2018 , 2018, 1-11	1.6	1
11	. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1876-1887	10.7	13
10	Coordination of multi-agent systems on interacting physical and communication topologies. <i>Systems and Control Letters</i> , 2017 , 100, 56-65	2.4	18
9	Consensus of High-Order Nonlinear Multiagent Systems with Constrained Switching Topologies. <i>Complexity</i> , 2017 , 2017, 1-11	1.6	2
8	Adaptive consensus of nonlinear multi-agent systems with unknown backlash-like hysteresis. <i>Neurocomputing</i> , 2016 , 175, 698-703	5.4	24
7	Fuzzy density weight-based support vector regression for image denoising. <i>Information Sciences</i> , 2016 , 339, 175-188	7.7	8
6	Distributed Consensus of Nonlinear Multi-Agent Systems on State-Controlled Switching Topologies. <i>Entropy</i> , 2016 , 18, 29	2.8	4
5	Consensus of second-order nonlinear multi-agent systems under state-controlled switching topology. <i>Nonlinear Dynamics</i> , 2015 , 81, 1871-1878	5	16
4	Adaptive leader-following consensus of nonlinear multi-agent systems with jointly connected topology 2015 ,		3
3	Second-order consensus of nonlinear multi-agent systems with restricted switching topology and time delay. <i>Nonlinear Dynamics</i> , 2014 , 78, 881-887	5	31
2	Adaptive Leader-Following Consensus of Multi-Agent Systems with Unknown Nonlinear Dynamics. <i>Entropy</i> , 2014 , 16, 5020-5031	2.8	13
1	Consensus of multi-agent nonlinear dynamic systems under slow switching topology 2014 ,		2