

Changyin Sun

List of Publications by Year in descending order

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282
papers

10,624
citations

34016

52
h-index

42291

92
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284
all docs

284
docs citations

284
times ranked

6652
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Neural Impedance Control of a Robotic Manipulator With Input Saturation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 334-344.	5.9	682
2	Adaptive Neural Network Control of a Marine Vessel With Constraints Using the Asymmetric Barrier Lyapunov Function. IEEE Transactions on Cybernetics, 2017, 47, 1641-1651.	6.2	342
3	Neural Network Control of a Robotic Manipulator With Input Deadzone and Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 759-770.	5.9	318
4	Adaptive Neural Network Control of a Flapping Wing Micro Aerial Vehicle With Disturbance Observer. IEEE Transactions on Cybernetics, 2017, 47, 3452-3465.	6.2	283
5	Iterative Learning Control for a Flapping Wing Micro Aerial Vehicle Under Distributed Disturbances. IEEE Transactions on Cybernetics, 2019, 49, 1524-1535.	6.2	266
6	Air-Breathing Hypersonic Vehicle Tracking Control Based on Adaptive Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 584-598.	7.2	249
7	Neural Network Control of a Flexible Robotic Manipulator Using the Lumped Spring-Mass Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1863-1874.	5.9	247
8	Adaptive Fuzzy Control for Coordinated Multiple Robots With Constraint Using Impedance Learning. IEEE Transactions on Cybernetics, 2019, 49, 3052-3063.	6.2	207
9	Fixed-Time Event-Triggered Consensus for Nonlinear Multiagent Systems Without Continuous Communications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2221-2229.	5.9	204
10	Boundary Vibration Control of Variable Length Crane Systems in Two-Dimensional Space With Output Constraints. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1952-1962.	3.7	182
11	Event-Triggered Adaptive Dynamic Programming for Continuous-Time Systems With Control Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1941-1952.	7.2	163
12	A multi-manifold discriminant analysis method for image feature extraction. Pattern Recognition, 2011, 44, 1649-1657.	5.1	159
13	Fixed-Time Leader-Follower Consensus of Networked Nonlinear Systems via Event/Self-Triggered Control. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5029-5037.	7.2	159
14	Neural Network Control of a Two-Link Flexible Robotic Manipulator Using Assumed Mode Method. IEEE Transactions on Industrial Informatics, 2019, 15, 755-765.	7.2	155
15	Adaptive Event-Triggered Control Based on Heuristic Dynamic Programming for Nonlinear Discrete-Time Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1594-1605.	7.2	153
16	Data-Driven Tracking Control With Adaptive Dynamic Programming for a Class of Continuous-Time Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 1460-1470.	6.2	147
17	An Event-Triggered Approach for Load Frequency Control With Supplementary ADP. IEEE Transactions on Power Systems, 2017, 32, 581-589.	4.6	146
18	Neural-Learning-Based Control for a Constrained Robotic Manipulator With Flexible Joints. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5993-6003.	7.2	133

#	ARTICLE	IF	CITATIONS
19	Adaptive Dynamic Programming for a Class of Complex-Valued Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1733-1739.	7.2	125
20	Model Identification and Control Design for a Humanoid Robot. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 45-57.	5.9	122
21	Fixed-time consensus of multi-agent systems with input delay and uncertain disturbances via event-triggered control. Information Sciences, 2019, 480, 261-272.	4.0	122
22	Supervised class-specific dictionary learning for sparse modeling in action recognition. Pattern Recognition, 2012, 45, 3902-3911.	5.1	115
23	Distributed Cooperative Adaptive Identification and Control for a Group of Continuous-Time Systems With a Cooperative PE Condition via Consensus. IEEE Transactions on Automatic Control, 2014, 59, 91-106.	3.6	110
24	Fixed-time event-triggered consensus control for multi-agent systems with nonlinear uncertainties. Neurocomputing, 2017, 260, 497-504.	3.5	103
25	Asynchronous Fault Detection Observer for 2-D Markov Jump Systems. IEEE Transactions on Cybernetics, 2022, 52, 13623-13634.	6.2	103
26	Deterministic Policy Gradient With Integral Compensator for Robust Quadrotor Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3713-3725.	5.9	102
27	Robust stability for neural networks with time-varying delays and linear fractional uncertainties. Neurocomputing, 2007, 71, 421-427.	3.5	100
28	Active Learning From Imbalanced Data: A Solution of Online Weighted Extreme Learning Machine. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1088-1103.	7.2	98
29	Fuzzy Neural Network Control of a Flexible Robotic Manipulator Using Assumed Mode Method. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5214-5227.	7.2	97
30	Adaptive Neural Network Control of Biped Robots. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, , 1-12.	5.9	96
31	Distributed event-triggered fixed-time consensus for leader-follower multiagent systems with nonlinear dynamics and uncertain disturbances. International Journal of Robust and Nonlinear Control, 2018, 28, 3543-3559.	2.1	93
32	A regularized least square based discriminative projections for feature extraction. Neurocomputing, 2016, 175, 198-205.	3.5	90
33	Optimal Attack Energy Allocation against Remote State Estimation. IEEE Transactions on Automatic Control, 2018, 63, 2199-2205.	3.6	87
34	Direct adaptive controller for uncertain MIMO dynamic systems with time-varying delay and dead-zone inputs. Automatica, 2016, 63, 287-291.	3.0	86
35	Support vector machine-based optimized decision threshold adjustment strategy for classifying imbalanced data. Knowledge-Based Systems, 2015, 76, 67-78.	4.0	83
36	Team-Triggered Practical Fixed-Time Consensus of Double-Integrator Agents With Uncertain Disturbance. IEEE Transactions on Cybernetics, 2021, 51, 3263-3272.	6.2	83

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37	Higher order finite-time consensus protocol for heterogeneous multi-agent systems. International Journal of Control, 2015, 88, 285-294.	1.2	81
38	Vibration Control of an Industrial Moving Strip in the Presence of Input Deadzone. IEEE Transactions on Industrial Electronics, 2017, 64, 4680-4689.	5.2	81
39	Crowd Counting via Weighted VLAD on a Dense Attribute Feature Map. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1788-1797.	5.6	79
40	Adaptive sliding mode control for re-entry attitude of near space hypersonic vehicle based on backstepping design. IEEE/CAA Journal of Automatica Sinica, 2015, 2, 94-101.	8.5	75
41	On exponential stability of delayed neural networks with a general class of activation functions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 298, 122-132.	0.9	73
42	ODOC-ELM: Optimal decision outputs compensation-based extreme learning machine for classifying imbalanced data. Knowledge-Based Systems, 2016, 92, 55-70.	4.0	73
43	Global Robust Exponential Stability of Interval Neural Networks with Delays. Neural Processing Letters, 2003, 17, 107-115.	2.0	72
44	Cooperation-Based Distributed Economic MPC for Economic Load Dispatch and Load Frequency Control of Interconnected Power Systems. IEEE Transactions on Power Systems, 2019, 34, 3964-3966.	4.6	71
45	Learning to Navigate Through Complex Dynamic Environment With Modular Deep Reinforcement Learning. IEEE Transactions on Games, 2018, 10, 400-412.	1.2	70
46	Adaptive control based on neural networks for an uncertain 2-DOF helicopter system with input deadzone and output constraints. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 807-815.	8.5	70
47	Fuzzy Support Vector Machine With Relative Density Information for Classifying Imbalanced Data. IEEE Transactions on Fuzzy Systems, 2019, 27, 2353-2367.	6.5	66
48	Cooperative control for multi-player pursuit-evasion games with reinforcement learning. Neurocomputing, 2020, 412, 101-114.	3.5	62
49	Action Recognition Using Nonnegative Action Component Representation and Sparse Basis Selection. IEEE Transactions on Image Processing, 2014, 23, 570-581.	6.0	58
50	Semantic Regularisation for Recurrent Image Annotation. , 2017, , .		58
51	Fuzzy Tracking Control for a Class of Uncertain MIMO Nonlinear Systems With State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 543-554.	5.9	57
52	Functional Nonlinear Model Predictive Control Based on Adaptive Dynamic Programming. IEEE Transactions on Cybernetics, 2019, 49, 4206-4218.	6.2	56
53	Non-fragile switching tracking control for a flexible air-breathing hypersonic vehicle based on polytopic LPV model. Chinese Journal of Aeronautics, 2013, 26, 948-959.	2.8	54
54	Adaptive Consensus of Multiagent Systems With Unknown High-Frequency Gain Signs Under Directed Graphs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2181-2186.	5.9	53

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55	Q-learning solution for optimal consensus control of discrete-time multiagent systems using reinforcement learning. <i>Journal of the Franklin Institute</i> , 2019, 356, 6946-6967.	1.9	50
56	Adaptive neural network control of unknown nonlinear affine systems with input deadzone and output constraint. <i>ISA Transactions</i> , 2015, 58, 96-104.	3.1	49
57	Cooperative Control of Multiple Agents With Unknown High-Frequency Gain Signs Under Unbalanced and Switching Topologies. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 2495-2501.	3.6	49
58	ADP-Based Robust Tracking Control for a Class of Nonlinear Systems With Unmatched Uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4056-4067.	5.9	48
59	Exponential periodicity and stability of delayed neural networks. <i>Mathematics and Computers in Simulation</i> , 2004, 66, 469-478.	2.4	46
60	Self-triggered consensus control for linear multi-agent systems with input saturation. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020, 7, 150-157.	8.5	45
61	Robust Neurooptimal Control for a Robot via Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 2584-2594.	7.2	45
62	An Analysis of a Neural Dynamical Approach to Solving Optimization Problems. <i>IEEE Transactions on Automatic Control</i> , 2009, 54, 1972-1977.	3.6	44
63	Iterative GDHP-based approximate optimal tracking control for a class of discrete-time nonlinear systems. <i>Neurocomputing</i> , 2016, 214, 775-784.	3.5	44
64	An adaptive strategy via reinforcement learning for the prisoner dilemma game. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018, 5, 301-310.	8.5	44
65	Adaptive Event-Triggered Finite-Time Dissipative Filtering for Interval Type-2 Fuzzy Markov Jump Systems With Asynchronous Modes. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9709-9721.	6.2	44
66	A Zero-Free Self-Triggered Approach to Practical Fixed-Time Consensus Tracking With Input Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 3126-3136.	5.9	44
67	The effect of the stake size on the evolution of fairness. <i>Applied Mathematics and Computation</i> , 2018, 321, 641-653.	1.4	43
68	Cooperative Differential Game-Based Optimal Control and Its Application to Power Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 5169-5179.	7.2	43
69	Dynamic Event-Triggered Practical Fixed-Time Consensus for Nonlinear Multiagent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 2156-2160.	2.2	43
70	Discriminative Multi-View Interactive Image Re-Ranking. <i>IEEE Transactions on Image Processing</i> , 2017, 26, 3113-3127.	6.0	41
71	Robust backstepping decentralized tracking control for a 3-DOF helicopter. <i>Nonlinear Dynamics</i> , 2015, 82, 947-960.	2.7	40
72	Exponential Periodicity of Continuous-time and Discrete-Time Neural Networks with Delays. <i>Neural Processing Letters</i> , 2004, 19, 131-146.	2.0	39

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73	Second-order terminal sliding mode control for hypersonic vehicle in cruising flight with sliding mode disturbance observer. <i>Journal of Control Theory and Applications</i> , 2013, 11, 299-305.	0.8	39
74	Robust event-triggered control of second-order disturbed leader-follower MASs: A nonsingular finite-time consensus approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 4298-4314.	2.1	39
75	Learning Control Supported by Dynamic Event Communication Applying to Industrial Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 2325-2335.	7.2	39
76	Adaptive nonsingular terminal sliding mode control design for near space hypersonic vehicles. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2014, 1, 155-161.	8.5	38
77	AL-ELM: One uncertainty-based active learning algorithm using extreme learning machine. <i>Neurocomputing</i> , 2015, 166, 140-150.	3.5	38
78	Reinforcement Learning With Task Decomposition for Cooperative Multiagent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 2054-2065.	7.2	38
79	New robust H^∞ control for uncertain stochastic Markovian jumping systems with mixed delays based on decoupling method. <i>Journal of the Franklin Institute</i> , 2012, 349, 741-769.	1.9	37
80	A Machine Learning-Based Algorithm for Joint Scheduling and Power Control in Wireless Networks. <i>IEEE Internet of Things Journal</i> , 2018, 5, 4308-4318.	5.5	37
81	Distributed Economic Model Predictive Control for a Wind-Photovoltaic-Battery Microgrid Power System. <i>IEEE Transactions on Sustainable Energy</i> , 2020, 11, 1089-1099.	5.9	36
82	Energy efficient jamming attack schedule against remote state estimation in wireless cyber-physical systems. <i>Neurocomputing</i> , 2018, 272, 571-583.	3.5	33
83	Dual-Loop Adaptive Iterative Learning Control for a Timoshenko Beam With Output Constraint and Input Backlash. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 1027-1038.	5.9	33
84	Quantization-based event-triggered sliding mode tracking control of mechanical systems. <i>Information Sciences</i> , 2020, 523, 296-306.	4.0	33
85	Event-triggered reinforcement learning control for the quadrotor UAV with actuator saturation. <i>Neurocomputing</i> , 2020, 415, 135-145.	3.5	32
86	Image classification using kernel collaborative representation with regularized least square. <i>Applied Mathematics and Computation</i> , 2013, 222, 13-28.	1.4	31
87	Development of an autonomous flapping-wing aerial vehicle. <i>Science China Information Sciences</i> , 2017, 60, 1.	2.7	31
88	Fixed-time event-triggered synchronization of a multilayer Kuramoto-oscillator network. <i>Neurocomputing</i> , 2020, 379, 214-226.	3.5	31
89	Optimal Model-Free Output Synchronization of Heterogeneous Multiagent Systems Under Switching Topologies. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 10951-10964.	5.2	31
90	Adaptive Fuzzy Relative Pose Control of Spacecraft During Rendezvous and Proximity Maneuvers. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 3440-3451.	6.5	30

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91	Adaptive Cooperative Control With Guaranteed Convergence in Time-Varying Networks of Nonlinear Dynamical Systems. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 5035-5046.	6.2	30
92	Fixed-Time Cooperative Tracking for Delayed Disturbed Multi-Agent Systems Under Dynamic Event-Triggered Control. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 930-933.	8.5	30
93	On Robust Exponential Periodicity of Interval Neural Networks with Delays. <i>Neural Processing Letters</i> , 2004, 20, 53-61.	2.0	29
94	Boundary vibration control for a flexible Timoshenko robotic manipulator. <i>IET Control Theory and Applications</i> , 2018, 12, 875-882.	1.2	29
95	Research on Obstacle Detection and Avoidance of Autonomous Underwater Vehicle Based on Forward-Looking Sonar. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 9198-9208.	7.2	29
96	Critic Learning-Based Control for Robotic Manipulators With Prescribed Constraints. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2274-2283.	6.2	28
97	Characteristic model-based discrete-time sliding mode control for spacecraft with variable tilt of flexible structures. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016, 3, 42-50.	8.5	27
98	Neural Network-Based Finite-Time Distributed Formation-Containment Control of Two-Layer Quadrotor UAVs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 4836-4848.	5.9	27
99	Vibration Control of a Constrained Two-Link Flexible Robotic Manipulator With Fixed-Time Convergence. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 5973-5983.	6.2	27
100	Neural network based tracking control for an elastic joint robot with input constraint via actor-critic design. <i>Neurocomputing</i> , 2020, 409, 286-295.	3.5	26
101	Asynchronous Multithreading Reinforcement-Learning-Based Path Planning and Tracking for Unmanned Underwater Vehicle. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 2757-2769.	5.9	26
102	Event-triggered sliding mode tracking control of autonomous surface vehicles. <i>Journal of the Franklin Institute</i> , 2021, 358, 4393-4409.	1.9	26
103	Adaptive Finite-Time Fault-Tolerant Control for Uncertain Flexible Flapping Wings Based on Rigid Finite Element Method. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9036-9047.	6.2	26
104	Prescribed Performance Fault-Tolerant Control for Uncertain Nonlinear MIMO System Using Actor-Critic Learning Structure. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 4479-4490.	7.2	26
105	Adaptive fault-tolerant controller design for airbreathing hypersonic vehicle with input saturation. <i>Journal of Systems Engineering and Electronics</i> , 2013, 24, 488-499.	1.1	25
106	Distributed event-based consensus control of multi-agent system with matching nonlinear uncertainties. <i>Neurocomputing</i> , 2018, 272, 694-702.	3.5	25
107	Distributed Model Predictive Control for Tracking Consensus of Linear Multiagent Systems With Additive Disturbances and Time-Varying Communication Delays. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 3813-3823.	6.2	25
108	Supplementary Reinforcement Learning Controller Designed for Quadrotor UAVs. <i>IEEE Access</i> , 2019, 7, 26422-26431.	2.6	25

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109	Numerical algorithm for a class of constrained optimal control problems of switched systems. Numerical Algorithms, 2014, 67, 771-792.	1.1	24
110	Conditions for consensus in directed networks of agents with heterogeneous output saturation. IET Control Theory and Applications, 2016, 10, 2119-2127.	1.2	24
111	Disturbance observer-based output feedback control of nonlinear cascaded systems with external disturbance. IET Control Theory and Applications, 2018, 12, 738-744.	1.2	24
112	iVQA: Inverse Visual Question Answering. , 2018, , .		24
113	Fixed-Time Average Consensus of Nonlinear Delayed MASs Under Switching Topologies: An Event-Based Triggering Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2721-2733.	5.9	24
114	Robust synchronisation of second-order multi-agent system via pinning control. IET Control Theory and Applications, 2015, 9, 775-783.	1.2	23
115	Decentralized adaptive optimal stabilization of nonlinear systems with matched interconnections. Soft Computing, 2018, 22, 2705-2715.	2.1	23
116	Policy-Iteration-Based Learning for Nonlinear Player Game Systems With Constrained Inputs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6488-6502.	5.9	23
117	Trajectory Tracking Control for the Flexible Wings of a Micro Aerial Vehicle. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2431-2441.	5.9	22
118	Discrete-time analogues of integrodifferential equations modeling neural networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 334, 180-191.	0.9	21
119	Joint Scheduling and Channel Allocation for End-to-End Delay Minimization in Industrial WirelessHART Networks. IEEE Internet of Things Journal, 2019, 6, 2829-2842.	5.5	21
120	Optimal Load Frequency Control for Networked Power Systems Based on Distributed Economic MPC. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2123-2133.	5.9	21
121	On modeling and control of a flexible air-breathing hypersonic vehicle based on LPV method. Frontiers of Electrical and Electronic Engineering, 2012, 7, 56-68.	0.4	20
122	Inverse Visual Question Answering: A New Benchmark and VQA Diagnosis Tool. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 460-474.	9.7	20
123	Practical Fixed-Time Event-Triggered Time-Varying Formation Tracking Control for Disturbed Multi-Agent Systems with Continuous Communication Free. Unmanned Systems, 2021, 09, 23-34.	2.7	20
124	Optimal Transmit Power Allocation for an Energy-Harvesting Sensor in Wireless Cyber-Physical Systems. IEEE Transactions on Cybernetics, 2021, 51, 779-788.	6.2	20
125	Parameter Tuning of Multi-Proportional-Integral-Derivative Controllers Based on Optimal Switching Algorithms. Journal of Optimization Theory and Applications, 2013, 159, 454-472.	0.8	19
126	Fully Distributed Finite-Time Consensus of Directed Multiquadcopter Systems via Pinning Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5080-5089.	5.9	19

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127	Real-time human detection based on gentle MILBoost with variable granularity HOG-CSLBP. <i>Neural Computing and Applications</i> , 2013, 23, 1937-1948.	3.2	18
128	Optimal Schedule of Secure Transmissions for Remote State Estimation Against Eavesdropping. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 1987-1997.	7.2	18
129	A new self-learning optimal control laws for a class of discrete-time nonlinear systems based on ESN architecture. <i>Science China Information Sciences</i> , 2014, 57, 1-10.	2.7	17
130	Distributed control of a class of flexible mechanical systems with global constraint. <i>International Journal of Control</i> , 2016, 89, 128-139.	1.2	17
131	Modeling and neural network control of a flexible beam with unknown spatiotemporally varying disturbance using assumed mode method. <i>Neurocomputing</i> , 2018, 314, 458-467.	3.5	17
132	Optimal jamming attack schedule for remote state estimation with two sensors. <i>Journal of the Franklin Institute</i> , 2018, 355, 6859-6876.	1.9	17
133	Event-triggered information fusion for networked systems with missing measurements and correlated noises. <i>Neurocomputing</i> , 2019, 332, 15-28.	3.5	17
134	Neural-network-based approach to finite-time optimal control for a class of unknown nonlinear systems. <i>Soft Computing</i> , 2014, 18, 1645-1653.	2.1	16
135	Linear Parameter Varying Switching Attitude Tracking Control for a Near Space Hypersonic Vehicle Via Multiple Lyapunov Functions. <i>Asian Journal of Control</i> , 2015, 17, 523-534.	1.9	16
136	A multi-attribute multi-item negotiation mechanism of supply chain networks between buyers and sellers. <i>International Journal of Production Research</i> , 2015, 53, 6143-6160.	4.9	16
137	Coordinated tracking of linear multiagent systems with input saturation and stochastic disturbances. <i>ISA Transactions</i> , 2017, 71, 3-9.	3.1	16
138	Robust consensus tracking of linear multiagent systems with input saturation and input-additive uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 2393-2409.	2.1	16
139	Robust output containment control of multi-agent systems with unknown heterogeneous nonlinear uncertainties in directed networks. <i>International Journal of Systems Science</i> , 2017, 48, 1173-1181.	3.7	16
140	Finite-Time Synchronization for a Class of Dynamical Complex Networks with Nonidentical Nodes and Uncertain Disturbance. <i>Journal of Systems Science and Complexity</i> , 2019, 32, 818-834.	1.6	16
141	Economic Model Predictive Control of a Point Absorber Wave Energy Converter. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 578-586.	5.9	16
142	Actor-critic learning based coordinated control for a dual-arm robot with prescribed performance and unknown backlash-like hysteresis. <i>ISA Transactions</i> , 2022, 126, 1-13.	3.1	16
143	A weighted LS-SVM approach for the identification of a class of nonlinear inverse systems. <i>Science in China Series F: Information Sciences</i> , 2009, 52, 770-779.	1.1	15
144	Delay-segment-dependent robust stability for uncertain discrete stochastic Markovian jumping systems with interval time delay. <i>International Journal of Systems Science</i> , 2014, 45, 271-282.	3.7	15

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145	Robust output synchronization of linear multi-agent systems with constant disturbances via integral control. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 1628-1639.	2.1	15
146	Characteristic Modeling Approach for Complex Network Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1383-1388.	5.9	15
147	Self-triggered robust model predictive control for nonlinear systems with bounded disturbances. <i>IET Control Theory and Applications</i> , 2019, 13, 1336-1343.	1.2	15
148	Nonlinear Robust Compensation Method for Trajectory Tracking Control of Quadrotors. <i>IEEE Access</i> , 2019, 7, 26766-26776.	2.6	15
149	Robust Vehicle Detection in High-Resolution Aerial Images With Imbalanced Data. <i>IEEE Transactions on Artificial Intelligence</i> , 2021, 2, 238-250.	3.4	15
150	Constrained optimal control of switched systems based on modified BFGS algorithm and filled function method. <i>International Journal of Computer Mathematics</i> , 2014, 91, 1713-1729.	1.0	14
151	Optimal scheduling of multiple sensors in continuous time. <i>ISA Transactions</i> , 2014, 53, 793-801.	3.1	14
152	Fixed-time Consensus of Multi-agent Systems with Directed and Intermittent Communications. <i>Asian Journal of Control</i> , 2017, 19, 95-105.	1.9	14
153	Economic-Driven Frequency Regulation in Multi-Terminal HVDC Systems: A Cooperative Distributed Approach. <i>IEEE Transactions on Power Systems</i> , 2020, 35, 2245-2255.	4.6	14
154	Event-triggered receding horizon control via actor-critic design. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	14
155	Health Management of Dry-Type Transformer Based on Broad Learning System. <i>IEEE Transactions on Industrial Electronics</i> , 2022, 69, 3027-3036.	5.2	14
156	Global robust regulation control for a class of cascade nonlinear systems subject to external disturbance. <i>Nonlinear Dynamics</i> , 2017, 90, 1209-1222.	2.7	13
157	Online Policies for Throughput Maximization of Energy-Constrained Wireless-Powered Communication Systems. <i>IEEE Transactions on Wireless Communications</i> , 2019, 18, 1463-1476.	6.1	13
158	A Parallel Framework of Adaptive Dynamic Programming Algorithm With Off-Policy Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3578-3587.	7.2	13
159	Cooperative Control of Multiple High-Order Agents With Nonidentical Unknown Control Directions Under Fixed and Time-Varying Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 2582-2591.	5.9	13
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