

Changyin Sun

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255
papers

6,739
citations

42
h-index

74
g-index

284
ext. papers

8,636
ext. citations

5.2
avg, IF

6.97
L-index

#	Paper	IF	Citations
255	Adaptive Neural Impedance Control of a Robotic Manipulator With Input Saturation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 334-344	7.3	546
254	Adaptive Neural Network Control of a Marine Vessel With Constraints Using the Asymmetric Barrier Lyapunov Function. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1641-1651	10.2	239
253	Neural Network Control of a Robotic Manipulator With Input Deadzone and Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 759-770	7.3	230
252	Adaptive Neural Network Control of a Flapping Wing Micro Aerial Vehicle With Disturbance Observer. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3452-3465	10.2	207
251	Iterative Learning Control for a Flapping Wing Micro Aerial Vehicle Under Distributed Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1524-1535	10.2	183
250	Neural Network Control of a Flexible Robotic Manipulator Using the Lumped Spring-Mass Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1863-1874	7.3	180
249	Air-Breathing Hypersonic Vehicle Tracking Control Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 584-598	10.3	175
248	A multi-manifold discriminant analysis method for image feature extraction. <i>Pattern Recognition</i> , 2011 , 44, 1649-1657	7.7	144
247	Boundary Vibration Control of Variable Length Crane Systems in Two-Dimensional Space With Output Constraints. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017 , 22, 1952-1962	5.5	132
246	Fixed-Time Event-Triggered Consensus for Nonlinear Multiagent Systems Without Continuous Communications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2221-2229	7.3	130
245	Adaptive Fuzzy Control for Coordinated Multiple Robots With Constraint Using Impedance Learning. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3052-3063	10.2	128
244	Data-Driven Tracking Control With Adaptive Dynamic Programming for a Class of Continuous-Time Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1460-1470	10.2	110
243	Adaptive Dynamic Programming for a Class of Complex-Valued Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1733-1739	10.3	106
242	An Event-Triggered Approach for Load Frequency Control With Supplementary ADP. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 581-589	7	104
241	Event-Triggered Adaptive Dynamic Programming for Continuous-Time Systems With Control Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1941-1952	10.3	103
240	Model Identification and Control Design for a Humanoid Robot. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 45-57	7.3	98
239	Adaptive Event-Triggered Control Based on Heuristic Dynamic Programming for Nonlinear Discrete-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1594-1605	10.3	98

238	Supervised class-specific dictionary learning for sparse modeling in action recognition. <i>Pattern Recognition</i> , 2012 , 45, 3902-3911	7.7	96
237	Neural Network Control of a Two-Link Flexible Robotic Manipulator Using Assumed Mode Method. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 755-765	11.9	92
236	Robust stability for neural networks with time-varying delays and linear fractional uncertainties. <i>Neurocomputing</i> , 2007 , 71, 421-427	5.4	83
235	Neural-Learning-Based Control for a Constrained Robotic Manipulator With Flexible Joints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5993-6003	10.3	81
234	Direct adaptive controller for uncertain MIMO dynamic systems with time-varying delay and dead-zone inputs. <i>Automatica</i> , 2016 , 63, 287-291	5.7	77
233	Fixed-time consensus of multi-agent systems with input delay and uncertain disturbances via event-triggered control. <i>Information Sciences</i> , 2019 , 480, 261-272	7.7	77
232	Fixed-Time Leader-Follower Consensus of Networked Nonlinear Systems via Event/Self-Triggered Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5029-5037	10.3	74
231	Distributed event-triggered fixed-time consensus for leader-follower multiagent systems with nonlinear dynamics and uncertain disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3543-3559	3.6	73
230	Fixed-time event-triggered consensus control for multi-agent systems with nonlinear uncertainties. <i>Neurocomputing</i> , 2017 , 260, 497-504	5.4	71
229	Distributed Cooperative Adaptive Identification and Control for a Group of Continuous-Time Systems With a Cooperative PE Condition via Consensus. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 91-106	5.9	70
228	Adaptive Neural Network Control of Biped Robots. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 1-12	7.3	68
227	Support vector machine-based optimized decision threshold adjustment strategy for classifying imbalanced data. <i>Knowledge-Based Systems</i> , 2015 , 76, 67-78	7.3	60
226	Higher order finite-time consensus protocol for heterogeneous multi-agent systems. <i>International Journal of Control</i> , 2015 , 88, 285-294	1.5	60
225	Global Robust Exponential Stability of Interval Neural Networks with Delays. <i>Neural Processing Letters</i> , 2003 , 17, 107-115	2.4	60
224	Vibration Control of an Industrial Moving Strip in the Presence of Input Deadzone. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4680-4689	8.9	58
223	On exponential stability of delayed neural networks with a general class of activation functions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002 , 298, 122-132	2.3	58
222	Fuzzy Neural Network Control of a Flexible Robotic Manipulator Using Assumed Mode Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5214-5227	10.3	56
221	Active Learning From Imbalanced Data: A Solution of Online Weighted Extreme Learning Machine. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1088-1103	10.3	56

220	Optimal Attack Energy Allocation against Remote State Estimation. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2199-2205	5.9	55
219	ODOC-ELM: Optimal decision outputs compensation-based extreme learning machine for classifying imbalanced data. <i>Knowledge-Based Systems</i> , 2016 , 92, 55-70	7.3	53
218	A regularized least square based discriminative projections for feature extraction. <i>Neurocomputing</i> , 2016 , 175, 198-205	5.4	51
217	Adaptive sliding mode control for re-entry attitude of near space hypersonic vehicle based on backstepping design. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2015 , 2, 94-101	7	50
216	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1788-1797	6.4	47
215	Action Recognition Using Nonnegative Action Component Representation and Sparse Basis Selection. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 570-81	8.7	47
214	Adaptive control based on neural networks for an uncertain 2-DOF helicopter system with input deadzone and output constraints. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 807-815	7	43
213	Non-fragile switching tracking control for a flexible air-breathing hypersonic vehicle based on polytopic LPV model. <i>Chinese Journal of Aeronautics</i> , 2013 , 26, 948-959	3.7	42
212	Exponential periodicity and stability of delayed neural networks. <i>Mathematics and Computers in Simulation</i> , 2004 , 66, 469-478	3.3	41
211	. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2353-2367	8.3	40
210	Fuzzy Tracking Control for a Class of Uncertain MIMO Nonlinear Systems With State Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 543-554	7.3	39
209	Deterministic Policy Gradient With Integral Compensator for Robust Quadrotor Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3713-3725	7.3	39
208	Adaptive neural network control of unknown nonlinear affine systems with input deadzone and output constraint. <i>ISA Transactions</i> , 2015 , 58, 96-104	5.5	38
207	Discriminative Multi-View Interactive Image Re-Ranking. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3113-3127	8.7	37
206	The effect of the stake size on the evolution of fairness. <i>Applied Mathematics and Computation</i> , 2018 , 321, 641-653	2.7	37
205	Iterative GDHP-based approximate optimal tracking control for a class of discrete-time nonlinear systems. <i>Neurocomputing</i> , 2016 , 214, 775-784	5.4	36
204	An Analysis of a Neural Dynamical Approach to Solving Optimization Problems. <i>IEEE Transactions on Automatic Control</i> , 2009 , 54, 1972-1977	5.9	36
203	Exponential Periodicity of Continuous-time and Discrete-Time Neural Networks with Delays. <i>Neural Processing Letters</i> , 2004 , 19, 131-146	2.4	36

202	Team-Triggered Practical Fixed-Time Consensus of Double-Integrator Agents With Uncertain Disturbance. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3263-3272	10.2	36
201	Semantic Regularisation for Recurrent Image Annotation 2017 ,		35
200	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	4	34
199	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		34
198	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	5.9	31
197	Robust backstepping decentralized tracking control for a 3-DOF helicopter. <i>Nonlinear Dynamics</i> , 2015 , 82, 947-960	5	30
196	Learning to Navigate Through Complex Dynamic Environment With Modular Deep Reinforcement Learning. <i>IEEE Transactions on Games</i> , 2018 , 10, 400-412	1.2	30
195	Functional Nonlinear Model Predictive Control Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4206-4218	10.2	29
194	Cooperation-Based Distributed Economic MPC for Economic Load Dispatch and Load Frequency Control of Interconnected Power Systems. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 3964-3966	7	28
193	AL-ELM: One uncertainty-based active learning algorithm using extreme learning machine. <i>Neurocomputing</i> , 2015 , 166, 140-150	5.4	28
192	Adaptive Consensus of Multiagent Systems With Unknown High-Frequency Gain Signs Under Directed Graphs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2181-2186	7.3	28
191	Self-triggered consensus control for linear multi-agent systems with input saturation. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 150-157	7	27
190	An adaptive strategy via reinforcement learning for the prisoner's dilemma game. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 301-310	7	27
189	Adaptive nonsingular terminal sliding mode control design for near space hypersonic vehicles. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2014 , 1, 155-161	7	27
188	Image classification using kernel collaborative representation with regularized least square. <i>Applied Mathematics and Computation</i> , 2013 , 222, 13-28	2.7	26
187	On Robust Exponential Periodicity of Interval Neural Networks with Delays. <i>Neural Processing Letters</i> , 2004 , 20, 53-61	2.4	26
186	Development of an autonomous flapping-wing aerial vehicle. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	24
185	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	3.6	23

184	Boundary vibration control for a flexible Timoshenko robotic manipulator. <i>IET Control Theory and Applications</i> , 2018 , 12, 875-882	2.5	23
183	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1027-1038	7.3	23
182	Energy efficient jamming attack schedule against remote state estimation in wireless cyber-physical systems. <i>Neurocomputing</i> , 2018 , 272, 571-583	5.4	22
181	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	10.7	22
180	Adaptive fault-tolerant controller design for airbreathing hypersonic vehicle with input saturation. <i>Journal of Systems Engineering and Electronics</i> , 2013 , 24, 488-499	1.3	22
179	Asynchronous Fault Detection Observer for 2-D Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	22
178	Discrete-time analogues of integrodifferential equations modeling neural networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005 , 334, 180-191	2.3	21
177	Distributed event-based consensus control of multi-agent system with matching nonlinear uncertainties. <i>Neurocomputing</i> , 2018 , 272, 694-702	5.4	19
176	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	4	18
175	Robust synchronisation of second-order multi-agent system via pinning control. <i>IET Control Theory and Applications</i> , 2015 , 9, 775-783	2.5	18
174	Conditions for consensus in directed networks of agents with heterogeneous output saturation. <i>IET Control Theory and Applications</i> , 2016 , 10, 2119-2127	2.5	18
173	Numerical algorithm for a class of constrained optimal control problems of switched systems. <i>Numerical Algorithms</i> , 2014 , 67, 771-792	2.1	18
172	Adaptive Cooperative Control With Guaranteed Convergence in Time-Varying Networks of Nonlinear Dynamical Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 5035-5046	10.2	18
171	Adaptive Fuzzy Relative Pose Control of Spacecraft During Rendezvous and Proximity Maneuvers. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3440-3451	8.3	18
170	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	7	17
169	Supplementary Reinforcement Learning Controller Designed for Quadrotor UAVs. <i>IEEE Access</i> , 2019 , 7, 26422-26431	3.5	16
168	Cooperative control for multi-player pursuit-evasion games with reinforcement learning. <i>Neurocomputing</i> , 2020 , 412, 101-114	5.4	16
167	Parameter Tuning of Multi-Proportional-Integral-Derivative Controllers Based on Optimal Switching Algorithms. <i>Journal of Optimization Theory and Applications</i> , 2013 , 159, 454-472	1.6	16

166	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	7.3	16
165	Disturbance-observer-based output feedback control of non-linear cascaded systems with external disturbance. <i>IET Control Theory and Applications</i> , 2018 , 12, 738-744	2.5	15
164	Decentralized adaptive optimal stabilization of nonlinear systems with matched interconnections. <i>Soft Computing</i> , 2018 , 22, 2705-2715	3.5	15
163	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	2.3	15
162	On modeling and control of a flexible air-breathing hypersonic vehicle based on LPV method. <i>Frontiers of Electrical and Electronic Engineering</i> , 2012 , 7, 56-68		15
161	Trajectory Tracking Control for the Flexible Wings of a Micro Aerial Vehicle. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2431-2441	7.3	14
160	Optimal jamming attack schedule for remote state estimation with two sensors. <i>Journal of the Franklin Institute</i> , 2018 , 355, 6859-6876	4	14
159	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, 1173-1183	3.3	14
158	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		14
157	iVQA: Inverse Visual Question Answering 2018 ,		14
156	Distributed control of a class of flexible mechanical systems with global constraint. <i>International Journal of Control</i> , 2016 , 89, 128-139	1.5	13
155	Self-triggered robust model predictive control for nonlinear systems with bounded disturbances. <i>IET Control Theory and Applications</i> , 2019 , 13, 1336-1343	2.5	13
154	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	3.4	13
153	Real-time human detection based on gentle MILBoost with variable granularity HOG-CSLBP. <i>Neural Computing and Applications</i> , 2013 , 23, 1937-1948	4.8	13
152	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	3.6	13
151	Cooperative Differential Game-Based Optimal Control and Its Application to Power Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 5169-5179	11.9	13
150	Event-triggered information fusion for networked systems with missing measurements and correlated noises. <i>Neurocomputing</i> , 2019 , 332, 15-28	5.4	13
149	A supervised dictionary learning and discriminative weighting model for action recognition. <i>Neurocomputing</i> , 2015 , 158, 246-256	5.4	12

148	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	1.2	12
147	Neural-network-based approach to finite-time optimal control for a class of unknown nonlinear systems. <i>Soft Computing</i> , 2014 , 18, 1645-1653	3.5	12
146	Coordinated tracking of linear multiagent systems with input saturation and stochastic disturbances. <i>ISA Transactions</i> , 2017 , 71, 3-9	5.5	12
145	Delay-dependent robust stability criteria for delay neural networks with linear fractional uncertainties. <i>International Journal of Control, Automation and Systems</i> , 2009 , 7, 281-287	2.9	12
144	Optimal Model-Free Output Synchronization of Heterogeneous Multiagent Systems Under Switching Topologies. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10951-10964	8.9	12
143	Learning Control Supported by Dynamic Event Communication Applying to Industrial Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2325-2335	11.9	12
142	Global robust regulation control for a class of cascade nonlinear systems subject to external disturbance. <i>Nonlinear Dynamics</i> , 2017 , 90, 1209-1222	5	11
141	Fixed-time event-triggered synchronization of a multilayer Kuramoto-oscillator network. <i>Neurocomputing</i> , 2020 , 379, 214-226	5.4	11
140	Joint Scheduling and Channel Allocation for End-to-End Delay Minimization in Industrial WirelessHART Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 2829-2842	10.7	11
139	Adaptive Event-Triggered Finite-Time Dissipative Filtering for Interval Type-2 Fuzzy Markov Jump Systems With Asynchronous Modes. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	11
138	Fixed-Time Consensus of Multi-Agent Systems with Directed and Intermittent Communications. <i>Asian Journal of Control</i> , 2017 , 19, 95-105	1.7	10
137	Nonlinear Robust Compensation Method for Trajectory Tracking Control of Quadrotors. <i>IEEE Access</i> , 2019 , 7, 26766-26776	3.5	10
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	7.8	10
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	1.7	10
134	Quantization-based event-triggered sliding mode tracking control of mechanical systems. <i>Information Sciences</i> , 2020 , 523, 296-306	7.7	10
133	SERVE: Soft and Equalized Residual Vectors for image retrieval. <i>Neurocomputing</i> , 2016 , 207, 202-212	5.4	10
132	. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 1089-1099	8.2	10
131	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	3.6	9

130	SPA: Spatially Pooled Attributes for image retrieval. <i>Neurocomputing</i> , 2017 , 257, 47-58	5.4	9
129	A comparative analysis of PSO, HPSO, and HPSO-TVAC for data clustering. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2011 , 23, 51-62	2	9
128	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	9
127	Inverse Visual Question Answering: A New Benchmark and VQA Diagnosis Tool. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , 42, 460-474	13.3	9
126	Optimal Schedule of Secure Transmissions for Remote State Estimation Against Eavesdropping. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1987-1997	11.9	9
125	Policy-Iteration-Based Learning for Nonlinear Player Game Systems With Constrained Inputs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-15	7.3	8
124	Characteristic Modeling Approach for Complex Network Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1383-1388	7.3	8
123	Parallel Control of Distributed Parameter Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3291-3301	10.2	8
122	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	10.2	8
121	Optimal scheduling of multiple sensors in continuous time. <i>ISA Transactions</i> , 2014 , 53, 793-801	5.5	8
120	A novel distribution-based feature for rapid object detection. <i>Neurocomputing</i> , 2011 , 74, 2767-2779	5.4	8
119	Internal model control based on a novel least square support vector machines for MIMO nonlinear discrete systems. <i>Neural Computing and Applications</i> , 2011 , 20, 1159-1166	4.8	8
118	Event-triggered reinforcement learning control for the quadrotor UAV with actuator saturation. <i>Neurocomputing</i> , 2020 , 415, 135-145	5.4	8
117	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2123-2133	7.3	8
116	Fully Distributed Finite-Time Consensus of Directed Multiquadcopter Systems via Pinning Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	8
115	Robust Output Feedback Consensus of High-order Multi-agent Systems with Nonlinear Uncertainties. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 282-292	2.9	8
114	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	7.3	8
113	Robust Neurooptimal Control for a Robot via Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2584-2594	10.3	8

112	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	5.4	8
111	Neural network based tracking control for an elastic joint robot with input constraint via actor-critic design. <i>Neurocomputing</i> , 2020 , 409, 286-295	5.4	7
110	Robust backstepping tracking control of uncertain MIMO nonlinear systems with application to quadrotor UAVs 2015 ,		7
109	Impulsive controller design for singular networked control systems with packet dropouts. <i>International Journal of Control, Automation and Systems</i> , 2009 , 7, 1020-1025	2.9	7
108	Implementation of hybrid short-term load forecasting system with analysis of temperature sensitivities. <i>Soft Computing</i> , 2008 , 12, 633-638	3.5	7
107	Event-triggered sliding mode tracking control of autonomous surface vehicles. <i>Journal of the Franklin Institute</i> , 2021 , 358, 4393-4409	4	7
106	Online Policies for Throughput Maximization of Energy-Constrained Wireless-Powered Communication Systems. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 1463-1476	9.6	7
105	Reinforcement Learning With Task Decomposition for Cooperative Multiagent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2054-2065	10.3	7
104	Optimal Transmit Power Allocation for an Energy-Harvesting Sensor in Wireless Cyber-Physical Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 779-788	10.2	7
103	A Zeno-Free Self-Triggered Approach to Practical Fixed-Time Consensus Tracking With Input Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	7
102	Robust adaptive vibration control for a string with time-varying output constraint. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5213-5231	3.6	7
101	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> , 2021 , PP,	10.3	7
100	Quantization Effect on Sliding Mode Control of Uncertain Dynamical Systems. <i>Asian Journal of Control</i> , 2016 , 18, 1142-1146	1.7	6
99	An ADDHP-based Q-learning algorithm for optimal tracking control of linear discrete-time systems with unknown dynamics. <i>Applied Soft Computing Journal</i> , 2019 , 82, 105593	7.5	6
98	Clustering with a Weighted Sum Validity Function Using a Niching PSO Algorithm 2007 ,		6
97	A comment on "Global stability analysis in delayed Hopfield neural network models". <i>Neural Networks</i> , 2002 , 15, 1299-300	9.1	6
96	Intermediate-Range Migration Furnishes a Narrow Margin of Efficiency in the Two-Strategy Competition. <i>PLoS ONE</i> , 2016 , 11, e0155787	3.7	6
95	Fast Human Detection Based on Enhanced Variable Size HOG Features. <i>Lecture Notes in Computer Science</i> , 2011 , 342-349	0.9	6

94	Critic Learning-Based Control for Robotic Manipulators With Prescribed Constraints. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	6
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