

Changyin Sun

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.

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	Action Mapping: A Reinforcement Learning Method for Constrained-Input Systems.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , PP,	10.3	1
254	Transmission scheduling for privacy-optimal encryption against eavesdropping attacks on remote state estimation. <i>Automatica</i> , 2022 , 137, 110145	5.7	1
253	A coarse-to-fine approach for dynamic-to-static image translation. <i>Pattern Recognition</i> , 2022 , 123, 108373-7	7.7	1
252	Event-triggered Robust Distributed Nonlinear Model Predictive Control Using Contraction Theory. <i>Journal of the Franklin Institute</i> , 2022 , 359, 4874-4874	4	1
251	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	7	4
250	Knowledge transfer in multi-agent reinforcement learning with incremental number of agents. <i>Journal of Systems Engineering and Electronics</i> , 2022 , 33, 447-460	1.3	0
249	Data-Based Feedback Relearning Control for Uncertain Nonlinear Systems With Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2022 , 1-14	10.2	1
248	Solver-Critic: A Reinforcement Learning Method for Discrete-Time-Constrained-Input Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5619-5630	10.2	1
247	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
246	Dynamic Event-Triggered Practical Fixed-Time Consensus for Nonlinear Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	5
245	Distributed Primal-dual Method for Convex Optimization with Coupled Constraints. <i>IEEE Transactions on Signal Processing</i> , 2021 , 1-1	4.8	1
244	Multi-Stage Refinement Feature Matching Using Adaptive ORB Features for Robotic Vision Navigation. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	2
243	Multi-Modal Visual Place Recognition in Dynamics-Invariant Perception Space. <i>IEEE Signal Processing Letters</i> , 2021 , 1-1	3.2	0
242	Semiglobal Cluster Consensus for Heterogeneous Systems With Input Saturation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4685-4694	10.2	2
241	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	10.3	2
240	Semi-global cluster synchronization for nonlinear systems under fixed and switching topologies. <i>ISA Transactions</i> , 2021 , 121, 130-130	5.5	0
239	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2123-2133	7.3	8

238	Distance-based formation control for multi-lane autonomous vehicle platoons. <i>IET Control Theory and Applications</i> , 2021 , 15, 1506-1517	2.5	1
237	Event-triggered sliding mode tracking control of autonomous surface vehicles. <i>Journal of the Franklin Institute</i> , 2021 , 358, 4393-4409	4	7
236	Cooperative control with designated convergence rate for high-order integrators under heterogeneous couplings. <i>Journal of the Franklin Institute</i> , 2021 , 358, 4626-4642	4	
235	Distributed Asymptotic Consensus in Directed Networks of Nonaffine Systems With Nonvanishing Disturbance. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 1133-1140	7	5
234	Robust Vehicle Detection in High-Resolution Aerial Images With Imbalanced Data. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 2, 238-250	4.7	1
233	Adaptive tracking control of high-order MIMO nonlinear systems with prescribed performance. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 986-1001	2.2	1
232	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
231	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
230	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
229	Subspace-based multi-view fusion for instance-level image retrieval. <i>Visual Computer</i> , 2021 , 37, 619-633	2.3	6
228	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
227	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
226	. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 578-586	8.2	4
225	Adaptive NN Distributed Control for Time-Varying Networks of Nonlinear Agents With Antagonistic Interactions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2573-2583	10.3	6
224	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
223	Attention-Based Road Registration for GPS-Denied UAS Navigation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1788-1800	10.3	2
222	Practical Fixed-Time Event-Triggered Time-Varying Formation Tracking Control for Disturbed Multi-Agent Systems with Continuous Communication Free. <i>Unmanned Systems</i> , 2021 , 09, 23-34	3	5
221	Characteristic Model-Based Control Approach for Complex Network Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3599-3607	7.3	1

220	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
219	Inexact Primal-Dual Algorithm for DMPC With Coupled Constraints Using Contraction Theory. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	1
218	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
217	Neural Network-Based Finite-Time Distributed Formation-Containment Control of Two-Layer Quadrotor UAVs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	2
216	Vibration Control of a Constrained Two-Link Flexible Robotic Manipulator With Fixed-Time Convergence. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
215	Health Management of Dry-type Transformer Based on Broad Learning System. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	2
214	Asynchronous Fault Detection Observer for 2-D Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	22
213	Asynchronous Multithreading Reinforcement-Learning-Based Path Planning and Tracking for Unmanned Underwater Vehicle. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	3
212	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
211	System Identification Based on Generalized Orthonormal Basis Function for Unmanned Helicopters: A Reinforcement Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1135-1145	6.8	2
210	Observer-based self-triggered control for time-varying formation of multi-agent systems. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	4
209	A continuous distributed control algorithm for time-varying networks of nonlinear agents with input saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4616-4628	3.6	1
208	Neural network-based adaptive decentralized learning control for interconnected systems with input constraints. <i>Control Theory and Technology</i> , 2021 , 19, 392-404	1	
207	Robust distributed model predictive consensus of discrete-time multi-agent systems: a self-triggered approach. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 1068-1079	7.7	1
206	Characteristic Modeling Approach for High-Order Linear Dynamical Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 5405-5413	7.3	0
205	Stochastic Denial-of-Service Attack Allocation in Leader-Following Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	2
204	Adaptive Finite-Time Fault-Tolerant Control for Uncertain Flexible Flapping Wings Based on Rigid Finite Element Method. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
203	Fixed-Time Average Consensus of Nonlinear Delayed MASs Under Switching Topologies: An Event-Based Triggering Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	2

202	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
201	A compensation method for the packet loss deviation in system identification with event-triggered binary-valued observations. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	4
200	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
199	Cooperative control for multi-player pursuit-evasion games with reinforcement learning. <i>Neurocomputing</i> , 2020 , 412, 101-114	5.4	16
198	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
197	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
196	Output feedback control for mobile robot systems with significant external disturbances. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	3
195	Neural-Network Control of a Stand-Alone Tall Building-Like Structure With an Eccentric Load: An Experimental Investigation. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
194	Optimal Online Transmission Schedule for Remote State Estimation over a Hidden Markovian Channel. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2519-2525	0.7	
193	Quantization-based event-triggered sliding mode tracking control of mechanical systems. <i>Information Sciences</i> , 2020 , 523, 296-306	7.7	10
192	Gaussian process-based Bayesian non-linear filtering for online target tracking. <i>IET Radar, Sonar and Navigation</i> , 2020 , 14, 448-458	1.4	2
191	Fixed-time event-triggered synchronization of a multilayer Kuramoto-oscillator network. <i>Neurocomputing</i> , 2020 , 379, 214-226	5.4	11
190	Discriminative Multi-view Privileged Information Learning for Image Re-ranking. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	3
189	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
188	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
187	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
186	. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 2245-2255	7	4
185	Critic Learning-Based Control for Robotic Manipulators With Prescribed Constraints. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	6

184	Event-triggered reinforcement learning control for the quadrotor UAV with actuator saturation. <i>Neurocomputing</i> , 2020 , 415, 135-145	5.4	8
183	H _∞ group consensus of linear dynamical systems under directed switching topology. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6803-6812	3.6	0
182	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
181	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
180	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
179	A novel modeling and controlling approach for high-order nonlinear systems. <i>Asian Journal of Control</i> , 2020 , 22, 1295-1305	1.7	
178	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
177	Visual relationship detection based on bidirectional recurrent neural network. <i>Multimedia Tools and Applications</i> , 2020 , 79, 35297-35313	2.5	6
176	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
175	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
174	Robust distributed consensus tracking control for high-order uncertain nonlinear MASs with directed topologies. <i>Asian Journal of Control</i> , 2020 , 22, 2558-2568	1.7	1
173	. <i>IEEE Transactions on Sustainable Energy</i> , 2020 , 11, 1089-1099	8.2	10
172	Event-triggered receding horizon control via actor-critic design. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	3
171	Robust Time-Varying Output Formation Control for Swarm Systems with Nonlinear Uncertainties. <i>Complexity</i> , 2020 , 2020, 1-13	1.6	0
170	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
169	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
168	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
167	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

166	Nonlinear Robust Compensation Method for Trajectory Tracking Control of Quadrotors. <i>IEEE Access</i> , 2019 , 7, 26766-26776	3.5	10
165	A Game-theoretical Approach for a Finite-time Consensus of Second-order Multi-agent System. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1071-1083	2.9	4
164	. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2353-2367	8.3	40
163	Supplementary Reinforcement Learning Controller Designed for Quadrotor UAVs. <i>IEEE Access</i> , 2019 , 7, 26422-26431	3.5	16
162	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
161	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
160	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
159	Functional Nonlinear Model Predictive Control Based on Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4206-4218	10.2	29
158	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
157	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
156	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
155	Distributed track-to-track fusion for non-linear systems with Gaussian mixture noise. <i>IET Radar, Sonar and Navigation</i> , 2019 , 13, 740-749	1.4	3
154	A Probabilistic Scheme for Secure Estimation of Sensor Networks in the Presence of Packet Losses and Eavesdroppers 2019 ,		1
153	Deep Reinforcement Learning for Economic Energy Scheduling in Data Center Microgrids 2019 ,		4
152	Fixed-Time Event-Triggered Average Consensus of Nonlinear MASs With External Disturbances and Switching Topologies 2019 ,		1
151	Heterogeneous sensor fusion based on Copula theory and importance sampling. <i>IET Radar, Sonar and Navigation</i> , 2019 , 13, 1943-1950	1.4	1
150	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
149	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

148	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
147	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
146	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	13 ^o
145	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
144	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 2393-2406	4.2	4
143	Event-triggered information fusion for networked systems with missing measurements and correlated noises. <i>Neurocomputing</i> , 2019 , 332, 15-28	5.4	13
142	Boundary control of flexible aircraft wings for vibration suppression. <i>International Journal of Control</i> , 2019 , 92, 2499-2508	1.5	3
141	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
140	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
139	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1027-1038	7.3	23
138	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
137	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
136	Boundary vibration control for a flexible Timoshenko robotic manipulator. <i>IET Control Theory and Applications</i> , 2018 , 12, 875-882	2.5	23
135	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
134	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
133	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
132	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1788-1797	6.4	47
131	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

130	Decentralized adaptive optimal stabilization of nonlinear systems with matched interconnections. <i>Soft Computing</i> , 2018 , 22, 2705-2715	3.5	15
129	Energy efficient jamming attack schedule against remote state estimation in wireless cyber-physical systems. <i>Neurocomputing</i> , 2018 , 272, 571-583	5.4	22
128	Characteristic Modeling Approach for Complex Network Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1383-1388	7.3	8
127	Distributed event-based consensus control of multi-agent system with matching nonlinear uncertainties. <i>Neurocomputing</i> , 2018 , 272, 694-702	5.4	19
126	Parallel Control of Distributed Parameter Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3291-3301	10.2	8
125	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
124	An automatic method for red blood cells detection in urine sediment micrograph 2018 ,		2
123	Optimal jamming attack schedule for remote state estimation with two sensors. <i>Journal of the Franklin Institute</i> , 2018 , 355, 6859-6876	4	14
122	Optimal Attack Energy Allocation against Remote State Estimation. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2199-2205	5.9	55
121	The effect of the stake size on the evolution of fairness. <i>Applied Mathematics and Computation</i> , 2018 , 321, 641-653	2.7	37
120	When Deep Meets Shallow: Subspace-Based Multi-View Fusion for Instance-Level Image Retrieval 2018 ,		4
119	Adaptive Neural Network Control of a Quadrotor with Input Delay 2018 ,		1
118	iVQA: Inverse Visual Question Answering 2018 ,		14
117	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
116	Optimal Jamming Attack Strategy Against Wireless State Estimation: A Game Theoretic Approach 2018 ,		3
115	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
114	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
113	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

112	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
111	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
110	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
109	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
108	An Event-Triggered Approach for Load Frequency Control With Supplementary ADP. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 581-589	7	104
107	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
106	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
105	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
104	Discriminative Multi-View Interactive Image Re-Ranking. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3113-3127	8.7	37
103	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
102	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
101	SPA: Spatially Pooled Attributes for image retrieval. <i>Neurocomputing</i> , 2017 , 257, 47-58	5.4	9
100	Fixed-time event-triggered consensus control for multi-agent systems with nonlinear uncertainties. <i>Neurocomputing</i> , 2017 , 260, 497-504	5.4	71
99	Development of an autonomous flapping-wing aerial vehicle. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	24
98	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
97	A Boundary Control Method for Suppressing Flexible Wings Vibration of the FMAV. <i>Lecture Notes in Computer Science</i> , 2017 , 869-878	0.9	
96	Position and attitude tracking control for a quadrotor UAV via double-loop controller 2017 ,		1
95	Coordinated tracking of linear multiagent systems with input saturation and stochastic disturbances. <i>ISA Transactions</i> , 2017 , 71, 3-9	5.5	12

94	An EKF SLAM algorithm for mobile robot with sensor bias estimation 2017 ,		2
93	Remaining useful life estimation for PEMFC based on monitoring data 2017 ,		2
92	Backstepping control for quadrotor with BP neural network based thrust model 2017 ,		4
91	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
90	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
89	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, 1173-1187	2.3	14
88	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
87	Semantic Regularisation for Recurrent Image Annotation 2017 ,		35
86	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
85	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
84	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
83	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
82	The impact of node position on outage performance of RF energy powered wireless sensor communication links in overlaid deployment scenario. <i>Journal of Network and Computer Applications</i> , 2016 , 73, 1-11	7.9	4
81	Quantization Effect on Sliding Mode Control of Uncertain Dynamical Systems. <i>Asian Journal of Control</i> , 2016 , 18, 1142-1146	1.7	6
80	Characteristic modelling of complex networks 2016 ,		1
79	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
78	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
77	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

76	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
75	A regularized least square based discriminative projections for feature extraction. <i>Neurocomputing</i> , 2016 , 175, 198-205	5.4	51
74	Intermediate-Range Migration Furnishes a Narrow Margin of Efficiency in the Two-Strategy Competition. <i>PLoS ONE</i> , 2016 , 11, e0155787	3.7	6
73	Fundamental Matrix Estimation Based on Improved Genetic Algorithm 2016 ,		1
72	Adaptive Neural Network Control of Biped Robots. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 1-12	7.3	68
71	SERVE: Soft and Equalized Residual Vectors for image retrieval. <i>Neurocomputing</i> , 2016 , 207, 202-212	5.4	10
70	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
69	A supervised dictionary learning and discriminative weighting model for action recognition. <i>Neurocomputing</i> , 2015 , 158, 246-256	5.4	12
68	Semiglobal robust decentralized tracking control for a class of uncertain MIMO nonlinear systems 2015 ,		1
67	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
66	Robust backstepping decentralized tracking control for a 3-DOF helicopter. <i>Nonlinear Dynamics</i> , 2015 , 82, 947-960	5	30
65	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
64	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
63	Attitude control of a quadrotor unmanned aerial vehicle based on linear extended state observer 2015 ,		3
62	Adaptive neural control for consensus of multiple UAVs with heterogeneous matching uncertainties under a directed graph 2015 ,		1
61	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
60	Higher order finite-time consensus protocol for heterogeneous multi-agent systems. <i>International Journal of Control</i> , 2015 , 88, 285-294	1.5	60
59	AL-ELM: One uncertainty-based active learning algorithm using extreme learning machine. <i>Neurocomputing</i> , 2015 , 166, 140-150	5.4	28

58	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
57	Robust backstepping tracking control of uncertain MIMO nonlinear systems with application to quadrotor UAVs 2015 ,		7
56	Energy-efficient link selection scheme in a two-hop relay scenario with considering a mobile relay. <i>IET Communications</i> , 2015 , 9, 2287-2292	1.3	3
55	Predictive event-triggered control based on heuristic dynamic programming for nonlinear continuous-time systems 2015 ,		1
54	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
53	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
52	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
51	Numerical algorithm for a class of constrained optimal control problems of switched systems. <i>Numerical Algorithms</i> , 2014 , 67, 771-792	2.1	18
50	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
49	Periodic behaviors of a discretized twisting algorithm based sliding mode control system 2014 ,		4
48	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
47	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
46	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
45	Optimal scheduling of multiple sensors in continuous time. <i>ISA Transactions</i> , 2014 , 53, 793-801	5.5	8
44	Computational method for constrained optimal control of switched affine systems 2014 ,		2
43	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
42	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
41	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

40	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
39	Constrained optimal control of switched systems and its application. <i>Optimization</i> , 2013 , 1-19	1.2	3
38	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
37	Image classification using kernel collaborative representation with regularized least square. <i>Applied Mathematics and Computation</i> , 2013 , 222, 13-28	2.7	26
36	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
35	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
34	Optimal Control of Switched Systems with an Inequality Constraint Based on Smooth Penalty Function Method. <i>Sensor Letters</i> , 2013 , 11, 945-952	0.9	3
33	Supervised class-specific dictionary learning for sparse modeling in action recognition. <i>Pattern Recognition</i> , 2012 , 45, 3902-3911	7.7	96
32	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
31	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
30	A novel distribution-based feature for rapid object detection. <i>Neurocomputing</i> , 2011 , 74, 2767-2779	5.4	8
29	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
28	Data-based intelligent modeling and control for nonlinear systems. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , 2011 , 6, 291-299		1
27	A multi-manifold discriminant analysis method for image feature extraction. <i>Pattern Recognition</i> , 2011 , 44, 1649-1657	7.7	144
26	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
25	Fast Human Detection Based on Enhanced Variable Size HOG Features. <i>Lecture Notes in Computer Science</i> , 2011 , 342-349	0.9	6
24	State Feedback Control Based on Twin Support Vector Regression Compensating for a Class of Nonlinear Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 515-524	0.9	
23	Learning Discriminative Features Based on Distribution 2010 ,		2

22	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
21	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
20	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
19	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
18	Implementation of hybrid short-term load forecasting system with analysis of temperature sensitivities. <i>Soft Computing</i> , 2008 , 12, 633-638	3.5	7
17	Neural networks for control, robotics and diagnostics. <i>Neural Computing and Applications</i> , 2008 , 17, 325-326	1.2	4
16	Inverse System Identification of Nonlinear Systems Using LSSVM Based on Clustering. <i>Lecture Notes in Computer Science</i> , 2008 , 682-690	0.9	2
15	Clustering with a Weighted Sum Validity Function Using a Niching PSO Algorithm 2007 ,		6
14	Robust stability for neural networks with time-varying delays and linear fractional uncertainties. <i>Neurocomputing</i> , 2007 , 71, 421-427	5.4	83
13	Dynamics of General Neural Networks with Distributed Delays. <i>Lecture Notes in Computer Science</i> , 2006 , 135-140	0.9	
12	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
11	Globally Attractive Periodic Solutions of Continuous-Time Neural Networks and Their Discrete-Time Counterparts. <i>Lecture Notes in Computer Science</i> , 2005 , 271-275	0.9	
10	Exponential Periodicity of Continuous-time and Discrete-Time Neural Networks with Delays. <i>Neural Processing Letters</i> , 2004 , 19, 131-146	2.4	36
9	On Robust Exponential Periodicity of Interval Neural Networks with Delays. <i>Neural Processing Letters</i> , 2004 , 20, 53-61	2.4	26
8	Exponential periodicity and stability of delayed neural networks. <i>Mathematics and Computers in Simulation</i> , 2004 , 66, 469-478	3.3	41
7	Exponential periodicity and stability of delayed neural networks. <i>Mathematics and Computers in Simulation</i> , 2004 , 66, 469-469	3.3	0
6	On Robust Periodicity of Delayed Dynamical Systems with Time-Varying Parameters. <i>Lecture Notes in Computer Science</i> , 2004 , 32-37	0.9	1
5	Global Robust Exponential Stability of Interval Neural Networks with Delays. <i>Neural Processing Letters</i> , 2003 , 17, 107-115	2.4	60

4	A comment on "Global stability analysis in delayed Hopfield neural network models". <i>Neural Networks</i> , 2002 , 15, 1299-300	9.1	6
3	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
2	Support Vector Machines with PSO Algorithm for Short-Term Load Forecasting		1
1	Sampled-data-based dynamic event-triggered formation control for nonlinear multi-agent systems. <i>Transactions of the Institute of Measurement and Control</i> , 014233122210880	1.8	1