H-N Wu

List of Publications by Year in Descending Order

175 papers	**6,071** citations	**45** h-index	**69** g-index
201 ext. papers	**7,424** ext. citations	**5.5** avg, IF	**6.83** L-index

#	Paper	IF	Citations
175	ResLNet: deep residual LSTM network with longer input for action recognition. *Frontiers of Computer Science*, **2022**, 16, 1	2.2	4
174	Online Learning Human Behavior for a Class of Human-in-the-Loop Systems via Adaptive Inverse Optimal Control. *IEEE Transactions on Human-Machine Systems*, **2022**, 1-11	4.1	0
173	Synchronization for Complex Networks With Multiple State or Delayed State Couplings Under Recoverable Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-11	7.3	0
172	Finite-Time Passivity and Synchronization of Multi-Weighted Complex Dynamical Networks Under PD Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, 1-12	10.3	1
171	Finite-Time Passivity and Synchronization of Complex Dynamical Networks With State and Derivative Coupling. *IEEE Transactions on Cybernetics*, **2021**, 51, 3845-3857	10.2	15
170	Passivity-Based Finite-Time Lag Consensus for Nonlinear Multi-Agent Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	
169	Multiobjective Control Design for Human Machine Systems With Safety Performance Constraints. *IEEE Transactions on Human-Machine Systems*, **2021**, 1-12	4.1	0
168	Observer-based output feedback fuzzy control for nonlinear parabolic PDE-ODE coupled systems. *Fuzzy Sets and Systems*, **2021**, 402, 105-123	3.7	5
167	H_{∞} Sampled-Data Fuzzy Observer Design for Nonlinear Parabolic PDE Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1262-1272	8.3	7
166	Output Synchronization of Complex Dynamical Networks With Multiple Output or Output Derivative Couplings. *IEEE Transactions on Cybernetics*, **2021**, 51, 927-937	10.2	9
165	Fuzzy Control Under Spatially Local Averaged Measurements for Nonlinear Distributed Parameter Systems With Time-Varying Delay. *IEEE Transactions on Cybernetics*, **2021**, 51, 1359-1369	10.2	9
164	Design of Suboptimal Local Piecewise Fuzzy Controller With Multiple Constraints for Quasi-Linear Spatiotemporal Dynamic Systems. *IEEE Transactions on Cybernetics*, **2021**, 51, 2433-2445	10.2	9
163	Passivity and Finite-Time Passivity for Multi-Weighted Fractional-Order Complex Networks With Fixed and Adaptive Couplings. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	1
162	Iteration-based parameter identification and its applications about distributed parameter systems. *Applied Soft Computing Journal*, **2021**, 105, 107300	7.5	0
161	Fuzzy Control Design of Nonlinear Time-Delay Parabolic PDE Systems Under Mobile Collocated Actuators and Sensors. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
160	Iterative Approach With Optimization-Based Execution Scheme for Parameter Identification of Distributed Parameter Systems and its Application in Secure Communication. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 3113-3126	3.9	6
159	Quantized Sampled-Data Synchronization of Delayed Reaction-Diffusion Neural Networks Under Spatially Point Measurements. *IEEE Transactions on Cybernetics*, **2020**,	10.2	6

158	Recent Advances on Dynamical Behaviors of Coupled Neural Networks With and Without Reaction-Diffusion Terms. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 5231-5244	10.3	11
157	Consensus and H_{infty} Consensus of Nonlinear Second-Order Multi-Agent Systems. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 1251-1264	4.9	18
156	Finite-Time Output Synchronization and H Output Synchronization of Coupled Neural Networks With Multiple Output Couplings. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	7
155	Data-Driven Guaranteed Cost Control Design via Reinforcement Learning for Linear Systems With Parameter Uncertainties. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4151-4159	7.3	4
154	Finite-Time Consensus and Finite-Time H_{infty} Consensus of Multi-Agent Systems Under Directed Topology. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 1619-1632	4.9	20
153	Sampled-Data Fuzzy Control With Guaranteed Cost for Nonlinear Parabolic PDE Systems via Static Output Feedback. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2452-2465	8.3	13
152	Multi-Robot Source Location of Scalar Fields by a Novel Swarm Search Mechanism With Collision/Obstacle Avoidance. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-16	6.1	4
151	Guaranteed cost design for controlling semilinear parabolic PDE systems with mobile collocated actuators and sensors. *International Journal of Control*, **2020**, 1-14	1.5	2
150	Mixed H_2/H_infty Fuzzy Control Plus Mobile Actuator/Sensor Guidance for Semilinear Parabolic Distributed Parameter Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	0
149	Sampled-Data Fuzzy Control for Nonlinear Delayed Distributed Parameter Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	7
148	Stochastic Stability Analysis and Synthesis of a Class of Human-in-the-Loop Control Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-11	7.3	2
147	Finite-Time Synchronization and H Synchronization of Multiweighted Complex Networks With Adaptive State Couplings. *IEEE Transactions on Cybernetics*, **2020**, 50, 600-612	10.2	34
146	Finite-Time Passivity of Adaptive Coupled Neural Networks With Undirected and Directed Topologies. *IEEE Transactions on Cybernetics*, **2020**, 50, 2014-2025	10.2	34
145	Balancing Value Iteration and Policy Iteration for Discrete-Time Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3948-3958	7.3	16
144	Event-Triggered Optimal Control With Performance Guarantees Using Adaptive Dynamic Programming. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 76-88	10.3	64
143	Estimator-Based H_infty Sampled-Data Fuzzy Control for Nonlinear Parabolic PDE Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2491-2500	7.3	15
142	Boundary Static Output Feedback Control for Nonlinear Stochastic Parabolic Partial Differential Systems via Fuzzy-Model-Based Approach. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 2581-2591	8.3	9
141	Sampled-data fuzzy control with space-varying gains for nonlinear time-delay parabolic PDE systems. *Fuzzy Sets and Systems*, **2020**, 392, 170-194	3.7	6

140	Fuzzy Stabilization Design for Semilinear Parabolic PDE Systems With Mobile Actuators and Sensors. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 474-486	8.3	10
139	An enhanced state estimation for linear parabolic PDE systems with mobile sensors. *International Journal of Adaptive Control and Signal Processing*, **2019**, 33, 1552-1566	2.8	1
138	Improved H∞ sampled-data control for semilinear parabolic PDE systems. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 1872-1892	3.6	2
137	New insight into the simultaneous policy update algorithms related to H∞ state feedback control. *Information Sciences*, **2019**, 484, 84-94	7.7	7
136	Composite antidisturbance control for nonlinear systems via nonlinear disturbance observer and dissipative control. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 4056	3.6	5
135	Adaptive synchronization control with optimization policy for fractional-order chaotic systems between 0 and 1 and its application in secret communication. *ISA Transactions*, **2019**, 92, 35-48	5.5	14
134	Sampled-data fuzzy control for a class of nonlinear parabolic distributed parameter systems under spatially point measurements. *Fuzzy Sets and Systems*, **2019**, 374, 60-81	3.7	12
133	Sampled-data control for linear time-delay distributed parameter systems. *ISA Transactions*, **2019**, 92, 75-83	5.5	3
132	Fuzzy Control for Nonlinear Time-Delay Distributed Parameter Systems Under Spatially Point Measurements. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1844-1852	8.3	13
131	Finite-Time Passivity and Synchronization of Coupled Reaction-Diffusion Neural Networks With Multiple Weights. *IEEE Transactions on Cybernetics*, **2019**, 49, 3385-3397	10.2	57
130	Mixed H2/H∞ stabilization design for memristive neural networks. *Neurocomputing*, **2019**, 361, 92-99	5.4	1
129	H∞ boundary control for a class of nonlinear stochastic parabolic distributed parameter systems. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 4665-4680	3.6	6
128	control design for non-linear distributed parameter systems with mobile actuators and sensors. *IET Control Theory and Applications*, **2019**, 13, 2228-2238	2.5	5
127	Image-Based Visual Servoing of Quadrotor using Homography Reconstruction **2019**,		2
126	Passivity and Synchronization of Coupled Uncertain Reaction-Diffusion Neural Networks With Multiple Time Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 2434-2448	10.3	34
125	Secure communication on fractional-order chaotic systems via adaptive sliding mode control with teaching‐learning‐feedback-based optimization. *Nonlinear Dynamics*, **2019**, 95, 1221-1243	5	21
124	Analysis and Pinning Control for Output Synchronization and H Output Synchronization of Multiweighted Complex Networks. *IEEE Transactions on Cybernetics*, **2019**, 49, 1314-1326	10.2	54
123	Passivity Analysis and Pinning Control of Multi-Weighted Complex Dynamical Networks. *IEEE Transactions on Network Science and Engineering*, **2019**, 6, 60-73	4.9	44

122   Pinning Synchronization of Complex Dynamical Networks With Multiweights. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1357-1370   7.3   44

121   Robust Guaranteed Cost Sampled-Data Fuzzy Control for Uncertain Nonlinear Time-Delay Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 964-975   7.3   28

120   Optimal Output Regulation for Model-Free Quanser Helicopter With Multistep Q-Learning. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 4953-4961   8.9   41

119   Adaptive synchronization control based on QPSO algorithm with interval estimation for fractional-order chaotic systems and its application in secret communication. *Nonlinear Dynamics*, **2018**, 92, 935-959   5   10

118   Finite-Time Passivity of Coupled Neural Networks with Multiple Weights. *IEEE Transactions on Network Science and Engineering*, **2018**, 5, 184-197   4.9   54

117   Exponential Pointwise Stabilization of Semilinear Parabolic Distributed Parameter Systems via the Takagi–Sugeno Fuzzy PDE Model. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 155-173   8.3   58

116   Robust adaptive fuzzy control for a class of nonlinear coupled ODE–Beam systems with boundary uncertainty. *Fuzzy Sets and Systems*, **2018**, 344, 27-50   3.7   4

115   Mixed Fuzzy/Boundary Control Design for Nonlinear Coupled Systems of ODE and Boundary-Disturbed Uncertain Beam. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 3379-3390   8.3   23

114   Fuzzy Control With Guaranteed Cost for Nonlinear Coupled Parabolic PDE-ODE Systems via PDE Static Output Feedback and ODE State Feedback. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 1844-1853   8.3   10

113   Analysis and Control of Output Synchronization in Directed and Undirected Complex Dynamical Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3326-3338   10.3   22

112   . *IEEE Transactions on Control of Network Systems*, **2018**, 5, 2049-2061   4   37

111   Mixed H2/H∞ fuzzy proportional-spatial integral control design for a class of nonlinear distributed parameter systems. *Fuzzy Sets and Systems*, **2017**, 306, 26-47   3.7   20

110   H_∞ Disturbance Attenuation for Nonlinear Coupled Parabolic PDE–ODE Systems via Fuzzy-Model-Based Control Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1814-1825   7.3   22

109   Disturbance observer based robust mixed H2/H∞ fuzzy tracking control for hypersonic vehicles. *Fuzzy Sets and Systems*, **2017**, 306, 118-136   3.7   43

108   Guaranteed-Cost Finite-Time Fuzzy Control for Temperature-Constrained Nonlinear Coupled Heat-ODE Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1919-1930   7.3   19

107   Sampled-Data Fuzzy Control for Nonlinear Coupled Parabolic PDE-ODE Systems. *IEEE Transactions on Cybernetics*, **2017**, 47, 2603-2615   10.2   37

106   Local exponential stabilization via boundary feedback controllers for a class of unstable semi-linear parabolic distributed parameter processes. *Journal of the Franklin Institute*, **2017**, 354, 5221-5244   4   15

105   A Membership-Function-Dependent Approach to Design Fuzzy Pointwise State Feedback Controller for Nonlinear Parabolic Distributed Parameter Systems With Spatially Discrete Actuators. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1486-1499   7.3   50

104	sampled-data fuzzy control for non-linear parabolic distributed parameter systems with control inputs missing. *IET Control Theory and Applications*, **2017**, 11, 1530-1541	2.5	9
103	Hybrid Robust Boundary and Fuzzy Control for Disturbance Attenuation of Nonlinear Coupled ODE-Beam Systems With Application to a Flexible Spacecraft. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 1293-1305	8.3	34
102	Passivity Analysis of Coupled Reaction-Diffusion Neural Networks With Dirichlet Boundary Conditions. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2148-2159	7.3	66
101	Fuzzy guaranteed cost sampled-data control of nonlinear systems coupled with a scalar reaction–diffusion process. *Fuzzy Sets and Systems*, **2016**, 302, 121-142	3.7	28
100	Fuzzy impulsive control for uncertain nonlinear systems with guaranteed cost. *Fuzzy Sets and Systems*, **2016**, 302, 143-162	3.7	25
99	Finite dimensional guaranteed cost sampled-data fuzzy control for a class of nonlinear distributed parameter systems. *Information Sciences*, **2016**, 327, 21-39	7.7	41
98	Finite dimensional disturbance observer based control for nonlinear parabolic PDE systems via output feedback. *Journal of Process Control*, **2016**, 48, 25-40	3.9	15
97	Pinning Control for Synchronization of Coupled Reaction-Diffusion Neural Networks With Directed Topologies. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 1109-1120	7.3	142
96	Disturbance Rejection Fuzzy Control for Nonlinear Parabolic PDE Systems via Multiple Observers. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 1334-1348	8.3	37
95	Low dimensional disturbance observer-based control for nonlinear parabolic PDE systems with spatio-temporal disturbances. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 2686-2707	2.6	6
94	Nonlinear disturbance observer-based control for a class of nonlinear systems **2016**,		5
93	Distributed Consensus Observers-Based H_{∞} Control of Dissipative PDE Systems Using Sensor Networks. *IEEE Transactions on Control of Network Systems*, **2015**, 2, 112-121	4	17
92	Off-policy reinforcement learning for H_∞ control design. *IEEE Transactions on Cybernetics*, **2015**, 45, 65-76	10.2	203
91	Finite-Horizon Approximate Optimal Guaranteed Cost Control of Uncertain Nonlinear Systems With Application to Mars Entry Guidance. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 1456-67	10.3	28
90	Mixed H2/H∞ decentralized fuzzy tracking control design for a flexible air-breathing hypersonic vehicle. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2015**, 229, 388-405	1	8
89	Some extended Wirtinger?s inequalities and distributed proportional-spatial integral control of distributed parameter systems with multi-time delays. *Journal of the Franklin Institute*, **2015**, 352, 4423-4445	4	46
88	Passivity-based synchronization of a class of complex dynamical networks with time-varying delay. *Automatica*, **2015**, 56, 105-112	5.7	164
87	Distributed consensus observer-based H_∞ control for linear systems with sensor and actuator networks. *International Journal of Control*, **2015**, 88, 857-871	1.5	1

86   Reinforcement learning solution for HJB equation arising in constrained optimal control problem. *Neural Networks*, **2015**, 71, 150-8   9.1   70

85   Data-Driven H Control for Nonlinear Distributed Parameter Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 2949-61   10.3   75

84   H_infty Fuzzy Control for a Class of Nonlinear Coupled ODE-PDE Systems With Input Constraint. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 593-604   8.3   38

83   Passivity and Synchronization of Linearly Coupled Reaction-Diffusion Neural Networks With Adaptive Coupling. *IEEE Transactions on Cybernetics*, **2015**, 45, 1942-52   10.2   111

82   Design of finite dimensional robust H distributed consensus filters for dissipative PDE systems with sensor networks. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 1454-1471   3.6   7

81   On fuzzy sampled-data control of chaotic systems via a time-dependent Lyapunov functional approach. *IEEE Transactions on Cybernetics*, **2015**, 45, 819-29   10.2   115

80   Adaptive optimal control of highly dissipative nonlinear spatially distributed processes with neuro-dynamic programming. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 684-96   10.3   98

79   Distributed proportional plus second-order spatial derivative control for distributed parameter systems subject to spatiotemporal uncertainties. *Nonlinear Dynamics*, **2014**, 76, 2041-2058   5   18

78   Static output feedback control via PDE boundary and ODE measurements in linear cascaded ODE Beam systems. *Automatica*, **2014**, 50, 2787-2798   5.7   109

77   Data-based approximate policy iteration for affine nonlinear continuous-time optimal control design. *Automatica*, **2014**, 50, 3281-3290   5.7   176

76   Boundary controller design and well-posedness analysis of semi-linear parabolic PDE systems **2014**,   2

75   Data-based Suboptimal Neuro-control Design with Reinforcement Learning for Dissipative Spatially Distributed Processes. *Industrial & Engineering Chemistry Research*, **2014**, 53, 8106-8119   3.9   25

74   Novel adaptive strategies for synchronization of linearly coupled neural networks with reaction-diffusion terms. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 429-40   10.3   91

73   Synchronization and adaptive control of an array of linearly coupled reaction-diffusion neural networks with hybrid coupling. *IEEE Transactions on Cybernetics*, **2014**, 44, 1350-61   10.2   140

72   Static output feedback control design for linear MIMO systems with actuator dynamics governed by diffusion PDEs. *International Journal of Control*, **2014**, 87, 90-100   1.5   12

71   Lyapunov-based design of locally collocated controllers for semi-linear parabolic PDE systems. *Journal of the Franklin Institute*, **2014**, 351, 429-441   4   35

70   . *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 1401-1412   8.3   70

69   Fuzzy Control Design for Nonlinear ODE-Hyperbolic PDE-Cascaded Systems: A Fuzzy and Entropy-Like Lyapunov Function Approach. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 1313-1324   8.3   25

68	Fuzzy output tracking control of semi-linear first-order hyperbolic PDE systems with matched perturbations. *Fuzzy Sets and Systems*, **2014**, 254, 47-66	3.7	10
67	Synchronization of chaotic systems using fuzzy impulsive control. *Nonlinear Dynamics*, **2014**, 78, 729-742	5	14
66	L2 disturbance attenuation for highly dissipative nonlinear spatially distributed processes via HJI approach. *Journal of Process Control*, **2014**, 24, 550-567	3.9	10
65	Adaptive output synchronization of complex delayed dynamical networks with output coupling. *Neurocomputing*, **2014**, 142, 174-181	5.4	44
64	Fuzzy Boundary Control Design for a Class of Nonlinear Parabolic Distributed Parameter Systems. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 642-652	8.3	105
63	Attitude tracking of mars entry vehicles via fuzzy sampled-data control approach **2014**,		1
62	Fault tolerant attitude tracking control for Mars entry vehicles via Takagi-Sugeno model **2014**,		1
61	Distributed fuzzy proportional-spatial integral control design for a class of nonlinear distributed parameter systems **2014**,		1
60	Fuzzy attitude tracking control for mars entry vehicles with external disturbance **2014**,		1
59	Coupling-observer-based nonlinear control for flexible air-breathing hypersonic vehicles. *Nonlinear Dynamics*, **2014**, 78, 2141-2159	5	54
58	Feedback control design with vibration suppression for flexible air-breathing hypersonic vehicles. *Science China Information Sciences*, **2014**, 57, 1-14	3.4	20
57	Computationally efficient simultaneous policy update algorithm for nonlinear H∞ state feedback control with Galerkin's method. *International Journal of Robust and Nonlinear Control*, **2013**, 23, 991-1012	3.6	40
56	Observer design and output feedback stabilization for nonlinear multivariable systems with diffusion PDE-governed sensor dynamics. *Nonlinear Dynamics*, **2013**, 72, 615-628	5	39
55	Robust fuzzy control for uncertain nonlinear Markovian jump systems with time-varying delay. *Fuzzy Sets and Systems*, **2013**, 212, 41-61	3.7	57
54	Simultaneous policy update algorithms for learning the solution of linear continuous-time H∞ state feedback control. *Information Sciences*, **2013**, 222, 472-485	7.7	46
53	Passivity of delayed reaction-diffusion networks with application to a food web model. *Applied Mathematics and Computation*, **2013**, 219, 11311-11326	2.7	22
52	Stability analysis of reaction-diffusion Cohen-Grossberg neural networks under impulsive control. *Neurocomputing*, **2013**, 106, 21-30	5.4	40
51	Guaranteed cost distributed fuzzy observer-based control for a class of nonlinear spatially distributed processes. *AICHE Journal*, **2013**, 59, 2366-2378	3.6	17

50	Stochastically exponential stability and stabilization of uncertain linear hyperbolic PDE systems with Markov jumping parameters. *Automatica*, **2012**, 48, 569-576	5.7	37
49	Robust stability and robust passivity of parabolic complex networks with parametric uncertainties and time-varying delays. *Neurocomputing*, **2012**, 87, 26-32	5.4	29
48	Exponential Stabilization for a Class of Nonlinear Parabolic PDE Systems via Fuzzy Control Approach. *IEEE Transactions on Fuzzy Systems*, **2012**, 20, 318-329	8.3	71
47	Local and global exponential output synchronization of complex delayed dynamical networks. *Nonlinear Dynamics*, **2012**, 67, 497-504	5	81
46	Distributed Proportional-spatial Derivative control of nonlinear parabolic systems via fuzzy PDE modeling approach. *IEEE Transactions on Systems, Man, and Cybernetics*, **2012**, 42, 927-38		70
45	Approximate optimal control design for nonlinear one-dimensional parabolic PDE systems using empirical eigenfunctions and neural network. *IEEE Transactions on Systems, Man, and Cybernetics*, **2012**, 42, 1538-49		54
44	Synchronization criteria for impulsive complex dynamical networks with time-varying delay. *Nonlinear Dynamics*, **2012**, 70, 13-24	5	45
43	Pinning control of spatially and temporally complex dynamical networks with time-varying delays. *Nonlinear Dynamics*, **2012**, 70, 1657-1674	5	12
42	Design of distributed H∞ fuzzy controllers with constraint for nonlinear hyperbolic PDE systems. *Automatica*, **2012**, 48, 2535-2543	5.7	98
41	Online policy iteration algorithm for optimal control of linear hyperbolic PDE systems. *Journal of Process Control*, **2012**, 22, 1161-1170	3.9	16
40	Stability analysis of impulsive parabolic complex networks with multiple time-varying delays. *Neurocomputing*, **2012**, 97, 364-373	5.4	7
39	Impulsive control for a class of delayed parabolic complex networks **2012**,		1
38	A Multiobjective Optimization Based Fuzzy Control for Nonlinear Spatially Distributed Processes With Application to a Catalytic Rod. *IEEE Transactions on Industrial Informatics*, **2012**, 8, 860-868	11.9	33
37	Heuristic Dynamic Programming Algorithm for Optimal Control Design of Linear Continuous-Time Hyperbolic PDE Systems. *Industrial & Engineering Chemistry Research*, **2012**, 51, 9310-9319	3.9	10
36	Neural network based online simultaneous policy update algorithm for solving the HJI equation in nonlinear H∞ control. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 1884-95	10.3	113
35	Passivity analysis of complex dynamical networks with multiple time-varying delays. *Journal of Engineering Mathematics*, **2012**, 74, 175-188	1.2	46
34	Leader-following formation control of multi-agent systems under fixed and switching topologies. *International Journal of Control*, **2012**, 85, 695-705	1.5	80
33	Stochastic Stability and Stabilization of Uncertain Jump Linear Delay Systems via Delay Decomposition. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2011**, 133,	1.6	3

32	L-gain adaptive fuzzy fault accommodation control design for nonlinear time-delay systems. *IEEE Transactions on Systems, Man, and Cybernetics*, **2011**, 41, 817-27		26
31	Robust adaptive L-gain neural filtering for non-linear systems in the presence of bounded disturbances. *IET Control Theory and Applications*, **2011**, 5, 630-639	2.5	4
30	Distributed Fuzzy Control Design of Nonlinear Hyperbolic PDE Systems With Application to Nonisothermal Plug-Flow Reactor. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 514-526	8.3	55
29	Stability analysis of impulsive parabolic complex networks. *Chaos, Solitons and Fractals*, **2011**, 44, 1020-1034	9.3	18
28	Passivity analysis of impulsive complex networks. *International Journal of Automation and Computing*, **2011**, 8, 484-489	3.5	20
27	Passivity and stability analysis of reaction-diffusion neural networks with Dirichlet boundary conditions. *IEEE Transactions on Neural Networks*, **2011**, 22, 2105-16		81
26	Adaptive neural boundary control design for a class of nonlinear spatially distributed systems **2011**,		1
25	A delay decomposition approach to . *Automatica*, **2011**, 47, 1482-1488	5.7	56
24	Robust adaptive neural observer design for a class of nonlinear parabolic PDE systems. *Journal of Process Control*, **2011**, 21, 1172-1182	3.9	25
23	Adaptive variable structure state estimation for uncertain systems with persistently bounded disturbances. *International Journal of Robust and Nonlinear Control*, **2010**, 20, 2003-2015	3.6	15
22	Adaptive neural control design for nonlinear distributed parameter systems with persistent bounded disturbances. *IEEE Transactions on Neural Networks*, **2009**, 20, 1630-44		35
21	H-Fuzzy control design of discrete-time nonlinear active fault-tolerant control systems. *International Journal of Robust and Nonlinear Control*, **2009**, 19, 1129-1149	3.6	17
20	Active fault-tolerant fuzzy control design of nonlinear model tracking with application to chaotic systems. *IET Control Theory and Applications*, **2009**, 3, 642-653	2.5	20
19	H$_{\infty}$ Fuzzy Observer-Based Control for a Class of Nonlinear Distributed Parameter Systems With Control Constraints. *IEEE Transactions on Fuzzy Systems*, **2008**, 16, 502-516	8.3	96
18	A galerkin/neural-network-based design of guaranteed cost control for nonlinear distributed parameter systems. *IEEE Transactions on Neural Networks*, **2008**, 19, 795-807		30
17	H Fuzzy Tracking Control Design for Nonlinear Active Fault Tolerant Control Systems. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2008**, 130,	1.6	5
16	An ILMI approach to robust . *Automatica*, **2008**, 44, 2333-2339	5.7	44
15	Delay-dependent H-fuzzy observer-based control for discrete-time nonlinear systems with state delay. *Fuzzy Sets and Systems*, **2008**, 159, 2696-2712	3.7	27

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14	Robust fuzzy control for uncertain discrete-time nonlinear Markovian jump systems without mode observations. *Information Sciences*, **2007**, 177, 1509-1522	7.7	61
13	Robust H2 fuzzy output feedback control for discrete-time nonlinear systems with parametric uncertainties. *International Journal of Approximate Reasoning*, **2007**, 46, 151-165	3.6	19
12	Reliable Robust H Fuzzy Control for Uncertain Nonlinear Systems With Markovian Jumping Actuator Faults. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2007**, 129, 252-261	1.6	31
11	New Approach to Delay-Dependent Stability Analysis and Stabilization for Continuous-Time Fuzzy Systems With Time-Varying Delay. *IEEE Transactions on Fuzzy Systems*, **2007**, 15, 482-493	8.3	176
10	Finite-dimensional constrained fuzzy control for a class of nonlinear distributed process systems. *IEEE Transactions on Systems, Man, and Cybernetics*, **2007**, 37, 1422-30		73
9	Reliable ${H}_{infty}$ Fuzzy Control for a Class of Discrete-Time Nonlinear Systems Using Multiple Fuzzy Lyapunov Functions. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **2007**, 54, 357-361		33
8	Reliable$\rm H_infty $Fuzzy Control for Continuous-Time Nonlinear Systems With Actuator Failures. *IEEE Transactions on Fuzzy Systems*, **2006**, 14, 609-618	8.3	70
7	Mode-independent robust stabilization for uncertain Markovian jump nonlinear systems via fuzzy control. *IEEE Transactions on Systems, Man, and Cybernetics*, **2006**, 36, 509-19		146
6	Delay-dependent stability analysis and stabilization for discrete-time fuzzy systems with state delay: a fuzzy Lyapunov-Krasovskii functional approach. *IEEE Transactions on Systems, Man, and Cybernetics*, **2006**, 36, 954-62		50
5	H2 guaranteed cost fuzzy control design for discrete-time nonlinear systems with parameter uncertainty. *Automatica*, **2006**, 42, 1183-1188	5.7	37
4	Reliable mixed . *Automatica*, **2005**, 41, 1925-1932	5.7	75
3	H2 guaranteed cost fuzzy control for uncertain nonlinear systems via linear matrix inequalities. *Fuzzy Sets and Systems*, **2004**, 148, 411-429	3.7	45
2	Reliable LQ fuzzy control for nonlinear discrete-time systems via LMIs. *IEEE Transactions on Systems, Man, and Cybernetics*, **2004**, 34, 1270-5		37
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