H-N Wu

List of Publications by Year
in descending order

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201 papers	8,465 citations	30070 54 h-index	56724 83 g-index
201 all docs	201 docs citations	201 times ranked	3062 citing authors

#	Article	IF	Citations
1	Off-Policy Reinforcement Learning for <inline-formula> <tex-math notation="LaTeX">$ H_infty $ </tex-math></inline-formula> Control Design. IEEE Transactions on Cybernetics, 2015, 45, 65-76.	9.5	292
2	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.	9.8	228
3	Data-based approximate policy iteration for affine nonlinear continuous-time optimal control design. Automatica, 2014, 50, 3281-3290.	5.0	228
4	Mode-independent robust stabilization for uncertain Markovian jump nonlinear systems via fuzzy control. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 509-519.	5.0	201
5	Passivity-based synchronization of a class of complex dynamical networks with time-varying delay. Automatica, 2015, 56, 105-112.	5.0	197
6	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.	9.3	172
7	Synchronization and Adaptive Control of an Array of Linearly Coupled Reaction-Diffusion Neural Networks With Hybrid Coupling. IEEE Transactions on Cybernetics, 2014, 44, 1350-1361.	9.5	171
8	On Fuzzy Sampled-Data Control of Chaotic Systems Via a Time-Dependent Lyapunov Functional Approach. IEEE Transactions on Cybernetics, 2015, 45, 819-829.	9.5	159
9	Neural Network Based Online Simultaneous Policy Update Algorithm for Solving the HJI Equation in Nonlinear <formula formulatype="inline"><tex Notation="TeX">H_{infty}</tex></formula> Control. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1884-1895.	11.3	156
10	Fuzzy Boundary Control Design for a Class of Nonlinear Parabolic Distributed Parameter Systems. IEEE Transactions on Fuzzy Systems, 2014, 22, 642-652.	9.8	153
11	Static output feedback control via PDE boundary and ODE measurements in linear cascaded ODEâ€“beam systems. Automatica, 2014, 50, 2787-2798.	5.0	134
12	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.	9.8	126
13	Passivity and Synchronization of Linearly Coupled Reaction-Diffusion Neural Networks With Adaptive Coupling. IEEE Transactions on Cybernetics, 2015, 45, 1942-1952.	9.5	126
14	Event-Triggered Optimal Control With Performance Guarantees Using Adaptive Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 76-88.	11.3	125
15	Design of distributed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si7.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> fuzzy controllers with constraint for nonlinear hyperbolic PDE systems. Automatica, 2012, 48, 2535-2543.	5.0	122
16	Leader-following formation control of multi-agent systems under fixed and switching topologies. International Journal of Control, 2012, 85, 695-705.	1.9	118
17	Adaptive Optimal Control of Highly Dissipative Nonlinear Spatially Distributed Processes With Neuro-Dynamic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 684-696.	11.3	115
18	Novel Adaptive Strategies for Synchronization of Linearly Coupled Neural Networks With Reaction-Diffusion Terms. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 429-440.	11.3	111

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19	xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	5.0	98
20	Reinforcement learning solution for HJB equation arising in constrained optimal control problem. Neural Networks, 2015, 71, 150-158.	5.9	97
21	Robust <formula formulatype="inline"><tex Notation="TeX">$L_{m infty}$</tex></formula>-Gain Fuzzy Disturbance Observer-Based Control Design With Adaptive Bounding for a Hypersonic Vehicle. IEEE Transactions on Fuzzy Systems, 2014, 22, 1401-1412.	9.8	94
22	Reliable$rm H_infty $Fuzzy Control for Continuous-Time Nonlinear Systems With Actuator Failures. IEEE Transactions on Fuzzy Systems, 2006, 14, 609-618.	9.8	93
23	Passivity and Stability Analysis of Reaction-Diffusion Neural Networks With Dirichlet Boundary Conditions. IEEE Transactions on Neural Networks, 2011, 22, 2105-2116.	4.2	93
24	Data-Driven <inline-formula> <tex-math notation="LaTeX">H_infty </tex-math></inline-formula> Control for Nonlinear Distributed Parameter Systems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2949-2961.	11.3	93
25	Local and global exponential output synchronization ofÂcomplex delayed dynamical networks. Nonlinear Dynamics, 2012, 67, 497-504.	5.2	92
26	Exponential Pointwise Stabilization of Semilinear Parabolic Distributed Parameter Systems via the Takagiâ€“Sugeno Fuzzy PDE Model. IEEE Transactions on Fuzzy Systems, 2018, 26, 155-173.	9.8	91
27	Finite-Time Passivity and Synchronization of Coupled Reactionâ€“Diffusion Neural Networks With Multiple Weights. IEEE Transactions on Cybernetics, 2019, 49, 3385-3397.	9.5	91
28	Finite-Dimensional Constrained Fuzzy Control for a Class of Nonlinear Distributed Process Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 1422-1430.	5.0	87
29	Distributed Proportionalâ€“Spatial Derivative Control of Nonlinear Parabolic Systems via Fuzzy PDE Modeling Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 927-938.	5.0	87
30	Exponential Stabilization for a Class of Nonlinear Parabolic PDE Systems via Fuzzy Control Approach. IEEE Transactions on Fuzzy Systems, 2012, 20, 318-329.	9.8	87
31	Passivity Analysis of Coupled Reaction-Diffusion Neural Networks With Dirichlet Boundary Conditions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2148-2159.	9.3	82
32	Finite-Time Passivity of Coupled Neural Networks with Multiple Weights. IEEE Transactions on Network Science and Engineering, 2018, 5, 184-197.	6.4	82
33	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.	9.8	80
34	Analysis and Pinning Control for Output Synchronization and $mathcal{H}_{infty}$ Output Synchronization of Multiweighted Complex Networks. IEEE Transactions on Cybernetics, 2019, 49, 1314-1326.	9.5	79
35	Optimal Output Regulation for Model-Free Quanser Helicopter With Multistep Q-Learning. IEEE Transactions on Industrial Electronics, 2018, 65, 4953-4961.	7.9	76
36	Pinning Synchronization of Complex Dynamical Networks With Multiweights. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1357-1370.	9.3	74

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37	Finite-Time Synchronization and ${mathcal{H}}_{infty}$ Synchronization of Multiweighted Complex Networks With Adaptive State Couplings. IEEE Transactions on Cybernetics, 2020, 50, 600-612.	9.5	73
38	Reliable LQ Fuzzy Control for Continuous-Time Nonlinear Systems With Actuator Faults. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1743-1752.	5.0	71
39	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, 954-962.	5.0	71
40	Robust fuzzy control for uncertain discrete-time nonlinear Markovian jump systems without mode observations. Information Sciences, 2007, 177, 1509-1522.	6.9	71
41	Some extended Wirtinger×³s inequalities and distributed proportional-spatial integral control of distributed parameter systems with multi-time delays. Journal of the Franklin Institute, 2015, 352, 4423-4445.	3.4	71
42	Simultaneous policy update algorithms for learning the solution of linear continuous-time Hâˆž state feedback control. Information Sciences, 2013, 222, 472-485.	6.9	69
43	Coupling-observer-based nonlinear control for flexible air-breathing hypersonic vehicles. Nonlinear Dynamics, 2014, 78, 2141-2159.	5.2	69
44	A delay decomposition approach to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">L</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mtext>â€“</mml:mtext><mml:msub><mml:mrow><mml:mi mathvariant="script">L</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> filter design for stochastic systems with time-varying delay. Automatica, 2011, 47, 1482-1488.	5.0	67
45	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.	9.3	67
46	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, 1538-1549.	5.0	66
47	Passivity and Synchronization of Coupled Uncertain Reactionâ€“Diffusion Neural Networks With Multiple Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2434-2448.	11.3	64
48	Disturbance observer based robust mixed H2/Hâˆž fuzzy tracking control for hypersonic vehicles. Fuzzy Sets and Systems, 2017, 306, 118-136.	2.7	63
49	Robust fuzzy control for uncertain nonlinear Markovian jump systems with time-varying delay. Fuzzy Sets and Systems, 2013, 212, 41-61.	2.7	62
50	Passivity Analysis and Pinning Control of Multi-Weighted Complex Dynamical Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 60-73.	6.4	61
51	Output Synchronization in Coupled Neural Networks With and Without External Disturbances. IEEE Transactions on Control of Network Systems, 2018, 5, 2049-2061.	3.7	60
52	Adaptive output synchronization of complex delayed dynamical networks with output coupling. Neurocomputing, 2014, 142, 174-181.	5.9	56
53	An ILMI approach to robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> static output feedback fuzzy control for uncertain discrete-time nonlinear systems. Automatica, 2008, 44, 2333-2339.	5.0	55
54	Computationally efficient simultaneous policy update algorithm for nonlinear H_{âˆž} state feedback control with Galerkin's method. International Journal of Robust and Nonlinear Control, 2013, 23, 991-1012.	3.7	55

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55	H2 guaranteed cost fuzzy control for uncertain nonlinear systems via linear matrix inequalities. Fuzzy Sets and Systems, 2004, 148, 411-429.	2.7	54
56	Sampled-Data Fuzzy Control for Nonlinear Coupled Parabolic PDE-ODE Systems. IEEE Transactions on Cybernetics, 2017, 47, 2603-2615.	9.5	54
57	Finite-Time Passivity of Adaptive Coupled Neural Networks With Undirected and Directed Topologies. IEEE Transactions on Cybernetics, 2020, 50, 2014-2025.	9.5	53
58	Reliable LQ Fuzzy Control for Nonlinear Discrete-Time Systems via LMIs. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1270-1275.	5.0	52
59	Synchronization criteria for impulsive complex dynamical networks with time-varying delay. Nonlinear Dynamics, 2012, 70, 13-24.	5.2	52
60	Observer design and output feedback stabilization for nonlinear multivariable systems with diffusion PDE-governed sensor dynamics. Nonlinear Dynamics, 2013, 72, 615-628.	5.2	52
61	<inline-formula><tex-math>H_infty</tex-math></inline-formula> Fuzzy Control for a Class of Nonlinear Coupled ODE-PDE Systems With Input Constraint. IEEE Transactions on Fuzzy Systems, 2015, 23, 593-604.	9.8	52
62	Passivity analysis of complex dynamical networks with multiple time-varying delays. Journal of Engineering Mathematics, 2012, 74, 175-188.	1.2	49
63	Finite dimensional guaranteed cost sampled-data fuzzy control for a class of nonlinear distributed parameter systems. Information Sciences, 2016, 327, 21-39.	6.9	49
64	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.	6.4	49
65	H2 guaranteed cost fuzzy control design for discrete-time nonlinear systems with parameter uncertainty. Automatica, 2006, 42, 1183-1188.	5.0	48
66	Lyapunov-based design of locally collocated controllers for semi-linear parabolic PDE systems. Journal of the Franklin Institute, 2014, 351, 429-441.	3.4	47
67	Balancing Value Iteration and Policy Iteration for Discrete-Time Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3948-3958.	9.3	47
68	Adaptive Neural Control Design for Nonlinear Distributed Parameter Systems With Persistent Bounded Disturbances. IEEE Transactions on Neural Networks, 2009, 20, 1630-1644.	4.2	46
69	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.	9.3	46
70	Stability analysis of reactionâ€“diffusion Cohenâ€“Grossberg neural networks under impulsive control. Neurocomputing, 2013, 106, 21-30.	5.9	45
71	Disturbance Rejection Fuzzy Control for Nonlinear Parabolic PDE Systems via Multiple Observers. IEEE Transactions on Fuzzy Systems, 2016, 24, 1334-1348.	9.8	45
72	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.	9.8	43

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73	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.	11.3	42
74	Stochastically exponential stability and stabilization of uncertain linear hyperbolic PDE systems with Markov jumping parameters. Automatica, 2012, 48, 569-576.	5.0	42
75	Reliable <formula formulatype="inline"><tex>${H}_{infty}$</tex></formula> 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.	2.2	41
76	Reliable Robust Hâˆž 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	40
77	Robust adaptive neural observer design for a class of nonlinear parabolic PDE systems. Journal of Process Control, 2011, 21, 1172-1182.	3.3	39
78	A Galerkin/Neural-Network-Based Design of Guaranteed Cost Control for Nonlinear Distributed Parameter Systems. IEEE Transactions on Neural Networks, 2008, 19, 795-807.	4.2	38
79	Consensus and $H_{infty }$ Consensus of Nonlinear Second-Order Multi-Agent Systems. IEEE Transactions on Network Science and Engineering, 2020, 7, 1251-1264.	6.4	38
80	Fuzzy impulsive control for uncertain nonlinear systems with guaranteed cost. Fuzzy Sets and Systems, 2016, 302, 143-162.	2.7	35
81	Secure communication on fractional-order chaotic systems via adaptive sliding mode control with teachingâ€“learningâ€“feedback-based optimization. Nonlinear Dynamics, 2019, 95, 1221-1243.	5.2	35
82	Finite-Time Output Synchronization and H_{âˆž} Output Synchronization of Coupled Neural Networks With Multiple Output Couplings. IEEE Transactions on Cybernetics, 2021, 51, 6041-6053.	9.5	35
83	Robust stability and robust passivity of parabolic complex networks with parametric uncertainties and time-varying delays. Neurocomputing, 2012, 87, 26-32.	5.9	34
84	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, 1456-1467.	11.3	34
85	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.	9.8	34
86	Finite-Time Passivity and Synchronization of Complex Dynamical Networks With State and Derivative Coupling. IEEE Transactions on Cybernetics, 2021, 51, 3845-3857.	9.5	34
87	Delay-dependent fuzzy observer-based control for discrete-time nonlinear systems with state delay. Fuzzy Sets and Systems, 2008, 159, 2696-2712.	2.7	32
88	Data-based Suboptimal Neuro-control Design with Reinforcement Learning for Dissipative Spatially Distributed Processes. Industrial & Engineering Chemistry Research, 2014, 53, 8106-8119.	3.7	32
89	${cal L}_{infty}$-Gain Adaptive Fuzzy Fault Accommodation Control Design for Nonlinear Time-Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 817-827.	5.0	31
90	Fuzzy guaranteed cost sampled-data control of nonlinear systems coupled with a scalar reactionâ€“diffusion process. Fuzzy Sets and Systems, 2016, 302, 121-142.	2.7	30

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91	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.	9.3	30
92	Sampled-Data Fuzzy Control for Nonlinear Delayed Distributed Parameter Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3054-3066.	9.8	29
93	Recent Advances on Dynamical Behaviors of Coupled Neural Networks With and Without Reactionâ€“Diffusion Terms. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5231-5244.	11.3	29
94	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.	9.8	28
95	$H_infty $ Disturbance Attenuation for Nonlinear Coupled Parabolic PDEâ€“ODE Systems via Fuzzy-Model-Based Control Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1814-1825.	9.3	28
96	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.	11.3	28
97	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.	9.8	28
98	Feedback control design with vibration suppression for flexible air-breathing hypersonic vehicles. Science China Information Sciences, 2014, 57, 1-14.	4.3	27
99	Design of Suboptimal Local Piecewise Fuzzy Controller With Multiple Constraints for Quasi-Linear Spatiotemporal Dynamic Systems. IEEE Transactions on Cybernetics, 2021, 51, 2433-2445.	9.5	27
100	Passivity of delayed reactionâ€“diffusion networks with application to a food web model. Applied Mathematics and Computation, 2013, 219, 11311-11326.	2.2	26
101	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.	9.3	26
102	Quantized Sampled-Data Synchronization of Delayed Reactionâ€“Diffusion Neural Networks Under Spatially Point Measurements. IEEE Transactions on Cybernetics, 2021, 51, 5740-5751.	9.5	26
103	Output Synchronization of Complex Dynamical Networks With Multiple Output or Output Derivative Couplings. IEEE Transactions on Cybernetics, 2021, 51, 927-937.	9.5	26
104	Active fault-tolerant fuzzy control design of nonlinear model tracking with application to chaotic systems. IET Control Theory and Applications, 2009, 3, 642-653.	2.1	25
105	Finite dimensional disturbance observer based control for nonlinear parabolic PDE systems via output feedback. Journal of Process Control, 2016, 48, 25-40.	3.3	25
106	Mixed H2/Hâˆž fuzzy proportional-spatial integral control design for a class of nonlinear distributed parameter systems. Fuzzy Sets and Systems, 2017, 306, 26-47.	2.7	25
107	Fuzzy Stabilization Design for Semilinear Parabolic PDE Systems With Mobile Actuators and Sensors. IEEE Transactions on Fuzzy Systems, 2020, 28, 474-486.	9.8	24
108	Robust H2 fuzzy output feedback control for discrete-time nonlinear systems with parametric uncertainties. International Journal of Approximate Reasoning, 2007, 46, 151-165.	3.3	23

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109	Guaranteed cost distributed fuzzy observerâ€based control for a class of nonlinear spatially distributed processes. AIChE Journal, 2013, 59, 2366-2378.	3.6	23
110	Adaptive synchronization control with optimization policy for fractional-order chaotic systems between<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e671" altimg="si5.gif"><mml:mi mathvariant="bold">0</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e676" altimg="si6.gif"><mml:mi mathvariant="bold">1</mml:mi></mml:math>and its application in secret com	5.7	23
111	Online policy iteration algorithm for optimal control of linear hyperbolic PDE systems. Journal of Process Control, 2012, 22, 1161-1170.	3.3	22
112	Distributed Consensus Observers-Based <inline-formula> <tex-math notation="TeX">$H_{infty} $</tex-math></inline-formula> Control of Dissipative PDE Systems Using Sensor Networks. IEEE Transactions on Control of Network Systems, 2015, 2, 112-121.	3.7	22
113	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.	3.4	22
114	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.	2.7	22
115	H_{âˆž} fuzzy control design of discreteâ€time nonlinear active faultâ€tolerant control systems. International Journal of Robust and Nonlinear Control, 2009, 19, 1129-1149.	3.7	21
116	Passivity analysis of impulsive complex networks. International Journal of Automation and Computing, 2011, 8, 484-489.	4.5	21
117	Distributed proportional plus second-order spatial derivative control for distributed parameter systems subject to spatiotemporal uncertainties. Nonlinear Dynamics, 2014, 76, 2041-2058.	5.2	21
118	Stability analysis of impulsive parabolic complex networks. Chaos, Solitons and Fractals, 2011, 44, 1020-1034.	5.1	20
119	Fuzzy Control Under Spatially Local Averaged Measurements for Nonlinear Distributed Parameter Systems With Time-Varying Delay. IEEE Transactions on Cybernetics, 2021, 51, 1359-1369.	9.5	20
120	Fuzzy Control for Nonlinear Time-Delay Distributed Parameter Systems Under Spatially Point Measurements. IEEE Transactions on Fuzzy Systems, 2019, 27, 1844-1852.	9.8	18
121	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.	9.8	17
122	Adaptive variable structure state estimation for uncertain systems with persistently bounded disturbances. International Journal of Robust and Nonlinear Control, 2010, 20, 2003-2015.	3.7	16
123	Synchronization of chaotic systems using fuzzy impulsive control. Nonlinear Dynamics, 2014, 78, 729-742.	5.2	16
124	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.	9.8	15
125	Composite antidisturbance control for nonlinear systems via nonlinear disturbance observer and dissipative control. International Journal of Robust and Nonlinear Control, 2019, 29, 4056-4068.	3.7	15
126	Sampled-data fuzzy control with space-varying gains for nonlinear time-delay parabolic PDE systems. Fuzzy Sets and Systems, 2020, 392, 170-194.	2.7	15

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127	Static output feedback control design for linear MIMO systems with actuator dynamics governed by diffusion PDEs. International Journal of Control, 2014, 87, 90-100.	1.9	14
128	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, 2023, 34, 894-908.	11.3	14
129	Fuzzy output tracking control of semi-linear first-order hyperbolic PDE systems with matched perturbations. Fuzzy Sets and Systems, 2014, 254, 47-66.	2.7	13
130	Design of finite dimensional robust H_{â€‰â€‰â€‰} distributed consensus filters for dissipative PDE systems with sensor networks. International Journal of Robust and Nonlinear Control, 2015, 25, 1454-1471.	3.7	13
131	Multi-Robot Source Location of Scalar Fields by a Novel Swarm Search Mechanism With Collision/Obstacle Avoidance. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 249-264.	8.0	13
132	Fuzzy Control Design of Nonlinear Time-Delay Parabolic PDE Systems Under Mobile Collocated Actuators and Sensors. IEEE Transactions on Cybernetics, 2022, 52, 3947-3956.	9.5	13
133	control design for nonâ€linear distributed parameter systems with mobile actuators and sensors. IET Control Theory and Applications, 2019, 13, 2228-2238.	2.1	13
134	Synchronization for Complex Networks With Multiple State or Delayed State Couplings Under Recoverable Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 38-48.	9.3	13
135	Pinning control of spatially and temporally complex dynamical networks with time-varying delays. Nonlinear Dynamics, 2012, 70, 1657-1674.	5.2	12
136	Heuristic Dynamic Programming Algorithm for Optimal Control Design of Linear Continuous-Time Hyperbolic PDE Systems. Industrial & Engineering Chemistry Research, 2012, 51, 9310-9319.	3.7	12
137	sampledâ€data fuzzy control for nonâ€linear parabolic distributed parameter systems with control inputs missing. IET Control Theory and Applications, 2017, 11, 1530-1541.	2.1	12
138	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.	5.2	12
139	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.	9.3	12
140	$H_{infty }$ Sampled-Data Fuzzy Observer Design for Nonlinear Parabolic PDE Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1262-1272.	9.8	12
141	ImprovedHâˆžsampledâ€data control for semilinear parabolic PDE systems. International Journal of Robust and Nonlinear Control, 2019, 29, 1872-1892.	3.7	11
142	Observer-based output feedback fuzzy control for nonlinear parabolic PDE-ODE coupled systems. Fuzzy Sets and Systems, 2021, 402, 105-123.	2.7	11
143	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, 52, 1004-1014.	3.5	11
144	L2 disturbance attenuation for highly dissipative nonlinear spatially distributed processes via HJI approach. Journal of Process Control, 2014, 24, 550-567.	3.3	10

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145	New insight into the simultaneous policy update algorithms related to Hâˆž state feedback control. Information Sciences, 2019, 484, 84-94.	6.9	10
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