Choon K Ahn

List of Publications by Year
in descending order

409 papers	13,761 citations	19608 61 h-index	42291 92 g-index
411 all docs	411 docs citations	411 times ranked	5304 citing authors

#	Article	IF	Citations
1	Two-Dimensional Dissipative Control and Filtering for Roesser Model. IEEE Transactions on Automatic Control, 2015, 60, 1745-1759.	3.6	383
2	Adaptive Fuzzy Control of Nonlinear Systems With Unmodeled Dynamics and Input Saturation Using Small-Gain Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1979-1989.	5.9	258
3	Stochastic stability analysis for 2-D Roesser systems with multiplicative noise. Automatica, 2016, 69, 356-363.	3.0	242
4	Finite-Time Event-Triggered Control for Semi-Markovian Switching Cyber-Physical Systems With FDI Attacks and Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2665-2674.	3.5	223
5	Sampled-Data Adaptive Output Feedback Fuzzy Stabilization for Switched Nonlinear Systems With Asynchronous Switching. IEEE Transactions on Fuzzy Systems, 2019, 27, 200-205.	6.5	209
6	Improving Reliability of Particle Filter-Based Localization in Wireless Sensor Networks via Hybrid Particle/FIR Filtering. IEEE Transactions on Industrial Informatics, 2015, 11, 1089-1098.	7.2	204
7	Dynamic Output-Feedback Dissipative Control for Tâ€"S Fuzzy Systems With Time-Varying Input Delay and Output Constraints. IEEE Transactions on Fuzzy Systems, 2017, 25, 511-526.	6.5	201
8	Receding Horizon Stabilization and Disturbance Attenuation for Neural Networks With Time-Varying Delay. IEEE Transactions on Cybernetics, 2015, 45, 2680-2692.	6.2	189
9	Adaptive Dynamic Surface Control Design for Uncertain Nonlinear Strict-Feedback Systems With Unknown Control Direction and Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 506-515.	5.9	182
10	Adaptive Event-Triggered Output Feedback Fuzzy Control for Nonlinear Networked Systems With Packet Dropouts and Actuator Failure. IEEE Transactions on Fuzzy Systems, 2019, 27, 1793-1806.	6.5	181
11	Adaptive Event-Triggered Fault Detection Scheme for Semi-Markovian Jump Systems With Output Quantization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2370-2381.	5.9	177
12	Command-Filter-Based Adaptive Fuzzy Finite-Time Control for Switched Nonlinear Systems Using State-Dependent Switching Method. IEEE Transactions on Fuzzy Systems, 2021, 29, 833-845.	6.5	155
13	Boundary Disturbance Observer-Based Control of a Vibrating Single-Link Flexible Manipulator. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2382-2390.	5.9	152
14	Robust Simultaneous Fault Estimation and Nonfragile Output Feedback Fault-Tolerant Control for Markovian Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1769-1776.	5.9	145
15	An Event-Based Asynchronous Approach to Markov Jump Systems With Hidden Mode Detections and Missing Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1749-1758.	5.9	144
16	Neural-Based Decentralized Adaptive Finite-Time Control for Nonlinear Large-Scale Systems With Time-Varying Output Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3136-3147.	5.9	139
17	Adaptive Control for Stochastic Switched Nonlower Triangular Nonlinear Systems and Its Application to a One-Link Manipulator. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1701-1714.	5.9	137
18	Deadbeat Dissipative FIR Filtering. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1210-1221.	3.5	131

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19	Distributed Hybrid Particle/FIR Filtering for Mitigating NLOS Effects in TOA-Based Localization Using Wireless Sensor Networks. IEEE Transactions on Industrial Electronics, 2017, 64, 5182-5191.	5.2	125
20	Boundary Antidisturbance Control of a Spatially Nonlinear Flexible String System. IEEE Transactions on Industrial Electronics, 2020, 67, 4846-4856.	5.2	122
21	Neural-Network Approximation-Based Adaptive Periodic Event-Triggered Output-Feedback Control of Switched Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 4011-4020.	6.2	122
22	Distributed Consensus Control of One-Sided Lipschitz Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1297-1308.	5.9	121
23	Mean Square Leader–Following Consensus of Second-Order Nonlinear Multiagent Systems With Noises and Unmodeled Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2478-2486.	5.9	113
24	Exponential Stabilization of Takagi–Sugeno Fuzzy Systems With Aperiodic Sampling: An Aperiodic Adaptive Event-Triggered Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 444-454.	5.9	112
25	Dead Zone Compensation and Adaptive Vibration Control of Uncertain Spatial Flexible Riser Systems. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1398-1408.	3.7	112
26	Reinforcement Learning-Based Optimal Tracking Control of an Unknown Unmanned Surface Vehicle. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3034-3045.	7.2	108
27	Stability of Markovian Jump Generalized Neural Networks With Interval Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1840-1850.	7.2	103
28	Fuzzy Control and Filtering for Nonlinear Singularly Perturbed Markov Jump Systems. IEEE Transactions on Cybernetics, 2021, 51, 297-308.	6.2	103
29	Fuzzy-Approximation-Based Distributed Fault-Tolerant Consensus for Heterogeneous Switched Nonlinear Multiagent Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 2916-2925.	6.5	100
30	Adaptive Fuzzy Backstepping-Based Formation Control of Unmanned Surface Vehicles With Unknown Model Nonlinearity and Actuator Saturation. IEEE Transactions on Vehicular Technology, 2020, 69, 14749-14764.	3.9	100
31	Event-Based Finite-Time Neural Control for Human-in-the-Loop UAV Attitude Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10387-10397.	7.2	94
32	Event-Triggered H_∞ Filtering for T–S Fuzzy-Model-Based Nonlinear Networked Systems With Multisensors Against DoS Attacks. IEEE Transactions on Cybernetics, 2022, 52, 5311-5321.	6.2	91
33	Filtering of Discrete-Time Switched Neural Networks Ensuring Exponential Dissipative and l_{2} – l_{∞} Performances. IEEE Transactions on Cybernetics, 2017, 47, 3195-3207.	6.2	83
34	Fusion Kalman/UFIR Filter for State Estimation With Uncertain Parameters and Noise Statistics. IEEE Transactions on Industrial Electronics, 2017, 64, 3075-3083.	5.2	83
35	Adaptive fuzzy control of switched nonlinear time-varying delay systems with prescribed performance and unmodeled dynamics. Fuzzy Sets and Systems, 2019, 371, 40-60.	1.6	83
36	Passive learning and input-to-state stability of switched Hopfield neural networks with time-delay. Information Sciences, 2010, 180, 4582-4594.	4.0	82

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37	$l_{2} - l_{infty}$ Elimination of Overflow Oscillations in 2-D Digital Filters Described by Roesser Model With External Interference. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 361-365.	2.2	82
38	Event-Triggered Adaptive Fault-Tolerant Pinning Control for Cluster Consensus of Heterogeneous Nonlinear Multi-Agent Systems Under Aperiodic DoS Attacks. IEEE Transactions on Network Science and Engineering, 2021, 8, 1941-1956.	4.1	81
39	Adaptive $\mathscr{H}_{\infty}$ synchronization for uncertain chaotic systems with external disturbance. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 2168-2177.	1.7	80
40	Switching Extensible FIR Filter Bank for Adaptive Horizon State Estimation With Application. IEEE Transactions on Control Systems Technology, 2016, 24, 1052-1058.	3.2	78
41	Sliding mode control for nonâ€linear systems by Takagiâ€"Sugeno fuzzy model and delta operator approaches. IET Control Theory and Applications, 2017, 11, 1205-1213.	1.2	77
42	New Criteria for Stability of Generalized Neural Networks Including Markov Jump Parameters and Additive Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 485-499.	5.9	77
43	Adaptive Distributed Consensus Control of One-Sided Lipschitz Nonlinear Multiagents. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 568-578.	5.9	77
44	Switched exponential state estimation of neural networks based on passivity theory. Nonlinear Dynamics, 2012, 67, 573-586.	2.7	76
45	Sliding mode control for singularly perturbed Markov jump descriptor systems with nonlinear perturbation. Automatica, 2021, 127, 109515.	3.0	76
46	Adaptive robust INS/UWB-integrated human tracking using UFIR filter bank. Measurement: Journal of the International Measurement Confederation, 2018, 123, 1-7.	2.5	74
47	Event-Triggered Fault Detection and Isolation of Discrete-Time Systems Based on Geometric Technique. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 335-339.	2.2	73
48	Fuzzy Integral Sliding-Mode Control for Nonlinear Semi-Markovian Switching Systems With Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1674-1683.	5.9	73
49	Event-Triggered Consensus Tracking Control of Stochastic Nonlinear Multiagent Systems. IEEE Systems Journal, 2019, 13, 4051-4059.	2.9	72
50	Hyperbolic-Tangent LOS Guidance-Based Finite-Time Path Following of Underactuated Marine Vehicles. IEEE Transactions on Industrial Electronics, 2020, 67, 8566-8575.	5.2	72
51	Coordinated Trajectory-Tracking Control of a Marine Aerial-Surface Heterogeneous System. IEEE/ASME Transactions on Mechatronics, 2021, 26, 3198-3210.	3.7	71
52	Dynamic output-feedback H âˆž control for active half-vehicle suspension systems with time-varying input delay. International Journal of Control, Automation and Systems, 2016, 14, 59-68.	1.6	70
53	Fault-Tolerant Resilient Control For Fuzzy Fractional Order Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1797-1805.	5.9	70
54	Intermittent Dynamic Event-Triggered Control for Synchronization of Stochastic Complex Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2639-2650.	3.5	68

#	ARTICLE	IF	CITATIONS
55	Vibration Control for Spatial Aerial Refueling Hoses With Bounded Actuators. IEEE Transactions on Industrial Electronics, 2021, 68, 4209-4217.	5.2	67
56	Adaptive Fuzzy Event-Triggered Command-Filtered Control for Nonlinear Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 1025-1035.	6.5	67
57	New preceding vehicle tracking algorithm based on optimal unbiased finite memory filter. Measurement: Journal of the International Measurement Confederation, 2015, 73, 262-274.	2.5	66
58	Adaptive Event-Triggered Fault Detection for Interval Type-2 Tâ€"S Fuzzy Systems With Sensor Saturation. IEEE Transactions on Fuzzy Systems, 2021, 29, 2310-2321.	6.5	66
59	l_{2}-l_{∞} Suppression of Limit Cycles in Interfered Two-Dimensional Digital Filters: A Fornasiniâ€"Marchesini Model Case. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 614-618.	2.2	65
60	Observer and Stochastic Faulty Actuator-Based Reliable Consensus Protocol for Multiagent System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2383-2393.	5.9	65
61	Comparing Robustness of the Kalman, <inline-formula> <tex-math notation="LaTeX">H_∞</tex-math> </inline-formula>, and UFIR Filters. IEEE Transactions on Signal Processing, 2018, 66, 3447-3458.	3.2	65
62	Exponential Stability, Passivity, and Dissipativity Analysis of Generalized Neural Networks With Mixed Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 395-405.	5.9	64
63	Autonomous Pilot of Unmanned Surface Vehicles: Bridging Path Planning and Tracking. IEEE Transactions on Vehicular Technology, 2022, 71, 2358-2374.	3.9	64
64	Boundary Constrained Control of Flexible String Systems Subject to Disturbances. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 112-116.	2.2	63
65	Adaptive Fuzzy Control for Fractional-Order Interconnected Systems With Unknown Control Directions. IEEE Transactions on Fuzzy Systems, 2022, 30, 75-87.	6.5	63
66	Finite-Time Dissipative Synchronization for Markovian Jump Generalized Inertial Neural Networks With Reactionâ€"Diffusion Terms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3650-3661.	5.9	63
67	Delay-dependent state estimation for T-S fuzzy delayed Hopfield neural networks. Nonlinear Dynamics, 2010, 61, 483-489.	2.7	62
68	Global Output Feedback Sampled-Data Stabilization of a Class of Switched Nonlinear Systems in the p-Normal Form. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1075-1084.	5.9	62
69	Neural Network-Based Sampled-Data Control for Switched Uncertain Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5437-5445.	5.9	60
70	An ℓ_∞ approach to stability analysis of switched Hopfield neural networks with time-delay. Nonlinear Dynamics, 2010, 60, 703-711.	2.7	59
71	Decentralized Event-Triggered Adaptive Fuzzy Control for Nonlinear Switched Large-Scale Systems With Input Delay Via Command-Filtered Backstepping. IEEE Transactions on Fuzzy Systems, 2022, 30, 2118-2123.	6.5	59
72	A new solution to the induced l_∞ finite impulse response filtering problem based on two matrix inequalities. International Journal of Control, 2014, 87, 404-409.	1.2	57

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73	Finite-Time ${mathscr{H}_{infty}}$ Asynchronous Control for Nonlinear Markov Jump Distributed Parameter Systems via Quantized Fuzzy Output-Feedback Approach. IEEE Transactions on Cybernetics, 2020, 50, 4098-4109.	6.2	57
74	Finite-Time Passivity-Based Stability Criteria for Delayed Discrete-Time Neural Networks via New Weighted Summation Inequalities. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 58-71.	7.2	56
75	Improved Stability Criteria for Discrete-Time Switched Tâ€"S Fuzzy Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 712-720.	5.9	56
76	Two-Dimensional Peak-to-Peak Filtering for Stochastic Fornasiniâ€"Marchesini Systems. IEEE Transactions on Automatic Control, 2018, 63, 1472-1479.	3.6	55
77	Horizon group shift FIR filter: Alternative nonlinear filter using finite recent measurements. Measurement: Journal of the International Measurement Confederation, 2014, 57, 33-45.	2.5	54
78	Output Feedback Predefined-Time Bipartite Consensus Control for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3069-3078.	3.5	54
79	Observer-Based Synchronization of Complex Dynamical Networks Under Actuator Saturation and Probabilistic Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1516-1526.	5.9	53
80	Quantized H_infty Output Control of Linear Markov Jump Systems in Finite Frequency Domain. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1901-1911.	5.9	53
81	Strictly passive FIR filtering for state-space models with external disturbance. AEU - International Journal of Electronics and Communications, 2012, 66, 944-948.	1.7	52
82	Sampled-Data Stabilization for Fuzzy Genetic Regulatory Networks with Leakage Delays. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 271-285.	1.9	52
83	Prescribed performance fixed-time recurrent neural network control for uncertain nonlinear systems. Neurocomputing, 2019, 363, 351-365.	3.5	52
84	Asynchronous Filtering for Discrete-Time Switched Tâ€"S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 1531-1541.	6.5	51
85	Gain-Scheduled Finite-Time Synchronization for Reactionâ€"Diffusion Memristive Neural Networks Subject to Inconsistent Markov Chains. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2952-2964.	7.2	51
86	Criterion for the elimination of overflow oscillations in fixed-point digital filters with saturation arithmetic and external disturbance. AEU - International Journal of Electronics and Communications, 2011, 65, 750-752.	1.7	49
87	Stabilisation of locally Lipschitz nonâ€linear systems under input saturation and quantisation. IET Control Theory and Applications, 2017, 11, 1459-1466.	1.2	49
88	Finite/Fixed-Time Anti-Synchronization of Inconsistent Markovian Quaternion-Valued Memristive Neural Networks With Reaction-Diffusion Terms. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 363-375.	3.5	49
89	Receding horizon disturbance attenuation for Takagiâ€"Sugeno fuzzy switched dynamic neural networks. Information Sciences, 2014, 280, 53-63.	4.0	48
90	<formula formulatype="inline"><tex>${cal H}_{infty}$</tex> </formula> Finite Memory Controls for Linear Discrete-Time State-Space Models. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2007, 54, 97-101.	2.3	47

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91	Passive and exponential filter design for fuzzy neural networks. Information Sciences, 2013, 238, 126-137.	4.0	47
92	Reachable set estimation for Takagi-Sugeno fuzzy systems against unknown output delays with application to tracking control of AUVs. ISA Transactions, 2018, 78, 31-38.	3.1	47
93	An approach to anti-synchronization for chaotic systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1729-1733.	0.9	46
94	Tightly Coupled Integration of INS and UWB Using Fixed-Lag Extended UFIR Smoothing for Quadrotor Localization. IEEE Internet of Things Journal, 2021, 8, 1716-1727.	5.5	46
95	Accurate and Reliable Human Localization Using Composite Particle/FIR Filtering. IEEE Transactions on Human-Machine Systems, 2017, 47, 332-342.	2.5	45
96	Consensus of Linear Multiagent Systems With Input-Based Triggering Condition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2308-2317.	5.9	45
97	Sampled-Data Adaptive Fuzzy Control of Switched Large-Scale Nonlinear Delay Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 1014-1024.	6.5	45
98	Adaptive Memory Event-Triggered Observer-Based Control for Nonlinear Multi-Agent Systems Under DoS Attacks. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1644-1656.	8.5	45
99	Output Tracking Control for Fractional-Order Positive Switched Systems With Input Time Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1013-1017.	2.2	44
100	L2-Lâˆž Filtering for Takagiâ€"Sugeno fuzzy neural networks based on Wirtinger-type inequalities. Neurocomputing, 2015, 153, 117-125.	3.5	43
101	Model Reduction of Markovian Jump Systems With Uncertain Probabilities. IEEE Transactions on Automatic Control, 2020, 65, 382-388.	3.6	43
102	Adaptive Fuzzy Decentralized Dynamic Surface Control for Switched Large-Scale Nonlinear Systems With Full-State Constraints. IEEE Transactions on Cybernetics, 2022, 52, 10761-10772.	6.2	43
103	Tâ€"S fuzzy â„‹âˆž synchronization for chaotic systems viaÂ delayed output feedback control. Nonlinear Dynamics, 2010, 59, 535-543.	2.7	42
104	Fuzzy delayed output feedback synchronization for time-delayed chaotic systems. Nonlinear Analysis: Hybrid Systems, 2010, 4, 16-24.	2.1	41
105	Event-triggered finite-time resilient control for switched systems: an observer-based approach and its applications to a boost converter circuit system model. Nonlinear Dynamics, 2018, 94, 2409-2421.	2.7	41
106	Containment Control of Linear Multiagent Systems With Stochastic Disturbances via Event-Triggered Strategies. IEEE Systems Journal, 2020, 14, 4810-4819.	2.9	41
107	Cooperative Adaptive Dynamic Surface Control for a Class of High-Order Stochastic Nonlinear Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 5214-5224.	6.2	41
108	An Improved Iterative FIR State Estimator and Its Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 1003-1012.	7.2	40

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109	Some new results on stability of Takagi–Sugeno fuzzy Hopfield neural networks. Fuzzy Sets and Systems, 2011, 179, 100-111.	1.6	39
110	Passivity and Finite-Gain Performance for Two-Dimensional Digital Filters: The FM LSS Model Case. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 871-875.	2.2	39
111	Novel Results on Generalized Dissipativity of Two-Dimensional Digital Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 893-897.	2.2	39
112	Robust and accurate UWB–based indoor robot localisation using integrated EKF/EFIR filtering. IET Radar, Sonar and Navigation, 2018, 12, 750-756.	0.9	39
113	Consensus of One-Sided Lipschitz Multi-Agents Under Input Saturation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 745-749.	2.2	39
114	Overflow Oscillation Elimination of 2-D Digital Filters in the Roesser Model with Wiener Process Noise. IEEE Signal Processing Letters, 2014, 21, 1302-1305.	2.1	38
115	Analysis on existence of compact set in neural network control for nonlinear systems. Automatica, 2020, 120, 109155.	3.0	38
116	Self-Tuning Unbiased Finite Impulse Response Filtering Algorithm for Processes With Unknown Measurement Noise Covariance. IEEE Transactions on Control Systems Technology, 2021, 29, 1372-1379.	3.2	37
117	Generalized Dissipativity Analysis of Digital Filters With Finite-Wordlength Arithmetic. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 386-390.	2.2	36
118	Boundary Output Constrained Control for a Flexible Beam System With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4650-4658.	5.9	36
119	Robust Antiwindup for One-Sided Lipschitz Systems Subject to Input Saturation and Applications. IEEE Transactions on Industrial Electronics, 2018, 65, 9706-9716.	5.2	35
120	Finite-Time Control for Switched T–S Fuzzy Systems via a Dynamic Event-Triggered Mechanism. IEEE Transactions on Fuzzy Systems, 2021, 29, 3899-3909.	6.5	35
121	Finite Distribution Estimation-Based Dynamic Window Approach to Reliable Obstacle Avoidance of Mobile Robot. IEEE Transactions on Industrial Electronics, 2021, 68, 9998-10006.	5.2	35
122	Adaptive Neural Network-Based Observer Design for Switched Systems With Quantized Measurements. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5897-5910.	7.2	35
123	Expected Power Bound for Two-Dimensional Digital Filters in the Fornasini-Marchesini Local State-Space Model. IEEE Signal Processing Letters, 2015, 22, 1065-1069.	2.1	34
124	L_∞ performance of single and interconnected neural networks with time-varying delay. Information Sciences, 2016, 346-347, 412-423.	4.0	34
125	Probabilistic Monitoring of Correlated Sensors for Nonlinear Processes in State Space. IEEE Transactions on Industrial Electronics, 2020, 67, 2294-2303.	5.2	34
126	Neural Adaptive Distributed Formation Control of Nonlinear Multi-UAVs With Unmodeled Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9555-9561.	7.2	34

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127	Output feedback â„‹â^ž synchronization for delayed chaotic neural networks. Nonlinear Dynamics, 2010, 59, 319-327.	2.7	33
128	Decentralized Stabilization for Switched Large-Scale Nonlinear Systems via Sampled-Data Output Feedback. IEEE Systems Journal, 2019, 13, 4335-4343.	2.9	33
129	Decentralized Sampled-Data Control for Cyber-Physical Systems Subject to DoS Attacks. IEEE Systems Journal, 2021, 15, 5126-5134.	2.9	33
130	Inputâ€"Output Finite-Time Asynchronous SMC for Nonlinear Semi-Markov Switching Systems With Application. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5344-5353.	5.9	33
131	Tuning-Free Bayesian Estimation Algorithms for Faulty Sensor Signals in State-Space. IEEE Transactions on Industrial Electronics, 2023, 70, 921-929.	5.2	33
132	Takagiâ€"Sugeno fuzzy receding horizon chaotic synchronization and its application to the Lorenz system. Nonlinear Analysis: Hybrid Systems, 2013, 9, 1-8.	2.1	32
133	Robust H_2 Control of Linear Systems With Mismatched Quantization. IEEE Transactions on Automatic Control, 2019, 64, 1702-1709.	3.6	32
134	Indoor INS UWB-based human localization with missing data utilizing predictive UFIR filtering. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 952-960.	8.5	32
135	H_∞ Output Anti-Disturbance Control of Stochastic Markov Jump Systems With Multiple Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7633-7643.	5.9	32
136	Quantized Decentralized Adaptive Neural Network PI Tracking Control for Uncertain Interconnected Nonlinear Systems With Dynamic Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3111-3124.	5.9	32
137	Improved exponential convergence result for generalized neural networks including interval time-varying delayed signals. Neural Networks, 2017, 86, 10-17.	3.3	31
138	State Estimation and Dissipative-Based Control Design for Vehicle Lateral Dynamics With Probabilistic Faults. IEEE Transactions on Industrial Electronics, 2018, 65, 7193-7201.	5.2	31
139	IBLF-Based Finite-Time Adaptive Fuzzy Output-Feedback Control for Uncertain MIMO Nonlinear State-Constrained Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3389-3400.	6.5	31
140	Antagonistic Interaction-Based Bipartite Consensus Control for Heterogeneous Networked Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 71-81.	5.9	31
141	Self-recovering extended Kalman filtering algorithm based on model-based diagnosis and resetting using an assisting FIR filter. Neurocomputing, 2016, 173, 645-658.	3.5	30
142	Adaptive-Horizon Iterative UFIR Filtering Algorithm With Applications. IEEE Transactions on Industrial Electronics, 2018, 65, 6393-6402.	5.2	30
143	Kalman and UFIR state estimation with coloured measurement noise using backward Euler method. IET Signal Processing, 2020, 14, 64-71.	0.9	30
144	Two new criteria for the realization of interfered digital filters utilizing saturation overflow nonlinearity. Signal Processing, 2014, 95, 171-176.	2.1	29

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145	Multiple-fault diagnosis for spacecraft attitude control systems using RBFNN-based observers. Aerospace Science and Technology, 2020, 106, 106195.	2.5	29
146	Adaptive Fault-Tolerant Pseudo-PID Sliding-Mode Control for High-Speed Train With Integral Quadratic Constraints and Actuator Saturation. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7421-7431.	4.7	29
147	Event-Triggered Dissipative Tracking Control of Networked Control Systems With Distributed Communication Delay. IEEE Systems Journal, 2022, 16, 3320-3330.	2.9	29
148	Real-Time Optimal State Estimation of Multi-DOF Industrial Systems Using FIR Filtering. IEEE Transactions on Industrial Informatics, 2017, 13, 967-975.	7.2	28
149	Aperiodically Intermittent Discrete-Time State Observation Noise for Consensus of Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1243-1253.	5.9	28
150	Fault Detection for Lipschitz Nonlinear Systems With Restricted Frequency-Domain Specifications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7486-7496.	5.9	28
151	Global Stabilization for a Class of Switched Nonlinear Time-Delay Systems via Sampled-Data Output-Feedback Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 694-705.	5.9	28
152	Neural network â„‹â^ž chaos synchronization. Nonlinear Dynamics, 2010, 60, 295-302.	2.7	27
153	Two-dimensional digital filters described by Roesser model with interference attenuation. , 2013, 23, 1296-1302.		27
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