

# Choon K Ahn

## 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.

382  
papers

8,316  
citations

46  
h-index

72  
g-index

411  
ext. papers

10,654  
ext. citations

4.8  
avg, IF

7.7  
L-index

#	Paper	IF	Citations
382	Adaptive Event-Triggered Control of Networked Fuzzy PDE Systems Under Hybrid Cyber-Attacks. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	0
381	Improved Nonlinear Finite-Memory Estimation Approach for Mobile Robot Localization. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2022</b> , 1-9	5.5	1
380	Dynamic Event-Triggered Impulsive Control for Stochastic Nonlinear Systems With Extension in Complex Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-12	3.9	3
379	Order Reduction Approach to Velocity Sensorless Performance Recovery PD-type Attitude Stabilizer for 2-DOF Helicopter Applications. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	0
378	Distributed Finite Memory Estimation From Relative Measurements for Multiple-Robot Localization in Wireless Sensor Networks. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	0
377	Finite-time Composite Anti-disturbance Control for T-S Fuzzy Nonhomogeneous Markovian Jump Systems via Asynchronous Disturbance Observer. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	0
376	Tuning-Free Bayesian Estimation Algorithms for Faulty Sensor Signals in State-Space. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	1
375	Gain Controller Design for 2-D Markov Jump Positive Systems With Directional Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-14	7.3	0
374	Small-Gain Approach to Fuzzy Adaptive Control for Interconnected Systems with Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	0
373	Neural Adaptive Distributed Formation Control of Nonlinear Multi-UAVs With Unmodeled Dynamics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,	10.3	3
372	Mixed $H_2$ Fault Detection for Positive 2-D Systems With Distributed Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-11	7.3	0
371	Adaptive Fuzzy Control for Multi-Agent Systems with Unknown Measurement Sensitivity via a Simplified Backstepping Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	
370	A Cyclic-Small-Gain-Based Adaptive Fuzzy Control of Interconnected Systems. <i>IEEE Systems Journal</i> , <b>2022</b> , 1-12	4.3	
369	Finite-time stabilization of Markov switching singularly perturbed models. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	3
368	Adaptive Fuzzy Control for an Uncertain Axially Moving Slung-Load Cable System of a Hovering Helicopter with Actuator Fault. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	2
367	Improved event-triggered control for a chemical tubular reactor with singular perturbations. <i>Journal of Process Control</i> , <b>2022</b> , 112, 49-56	3.9	
366	An Output Feedback Cascade Control Approach to Distributed Consensus of Nonlinear Multiagent Systems with Output Delays. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	

365	Event-Based Adaptive Neural Asymptotic Tracking Control for Networked Nonlinear Stochastic Systems. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	1
364	Zonotope-based interval estimation for 2-D FMLSS systems using an event-triggered mechanism. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	
363	Synchronization for Markovian Jumping Reaction-Diffusion Complex Dynamical Networks: A Space-Time Sampled-Data Control Scheme. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	
362	Antagonistic Interaction-Based Bipartite Consensus Control for Heterogeneous Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-11	7.3	2
361	Event-triggered Filter Design Based on Average Measurement Output for Networked Unmanned Surface Vehicles. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	1
360	Cooperative Adaptive Dynamic Surface Control for a Class of High-Order Stochastic Nonlinear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 5214-5224	10.2	16
359	Variable-Performance Nonlinear Feedback Filter Based on Dynamic Surface Stabilization Approach. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2021</b> , 1-8	5.5	
358	Relaxed Fault Estimation of Discrete-Time Nonlinear System Based on a New Multi-Instant Real-Time Scheduling Fuzzy Observer. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-11	7.3	
357	Dissipative Synchronization of Semi-Markov Jump Complex Dynamical Networks via Adaptive Event-Triggered Sampling Control Scheme. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-11	4.3	3
356	Asynchronous $H_{\infty}$ Continuous Stabilization of Mode-Dependent Switched Mobile Robot. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-15	7.3	0
355	Input-Output Finite-Time Asynchronous SMC for Nonlinear Semi-Markov Switching Systems With Application. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10	7.3	4
354	Autonomous Pilot of Unmanned Surface Vehicles: Bridging Path Planning and Tracking. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	6
353	Adaptive Neural Network-Based Observer Design for Switched Systems With Quantized Measurements. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	9
352	On the Finite-Time Stabilization for a Class of Interconnected Switched Nonlinear Systems via Sampled-Data Output Feedback Control. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-11	4.3	1
351	Finite-Time Fault Estimation and Tolerant Control for Nonlinear Interconnected Distributed Parameter Systems With Markovian Switching Channels. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 1-13	3.9	3
350	Sliding mode control for fuzzy networked semi-Markov switching models under cyber attacks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	2
349	L2-stable Speed Estimator for BLDCM Servo System Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	
348	On Prescribed Performance Synchronization to QUAD Nonlinear Multi-Agent Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1

347	Prescribed finite-time consensus with severe unknown nonlinearities and mismatched disturbances. <i>Systems and Control Letters</i> , <b>2021</b> , 157, 105047	2.4	3
346	High-precision control scheme for hemispherical resonator gyroscopes with application to aerospace navigation systems. <i>Aerospace Science and Technology</i> , <b>2021</b> , 119, 107168	4.9	4
345	Gain-Scheduled Finite-Time Synchronization for Reaction-Diffusion Memristive Neural Networks Subject to Inconsistent Markov Chains. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 2952-2964	10.3	15
344	Neural-Network Approximation-Based Adaptive Periodic Event-Triggered Output-Feedback Control of Switched Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4011-4020	10.2	35
343	Reinforcement Learning-Based Optimal Tracking Control of an Unknown Unmanned Surface Vehicle. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 3034-3045	10.3	23
342	. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2021</b> , 8, 641-647	7	2
341	Event-Triggered Adaptive Fault-Tolerant Pinning Control for Cluster Consensus of Heterogeneous Nonlinear Multi-Agent Systems Under Aperiodic DoS Attacks. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 1941-1956	4.9	11
340	Sliding mode control for singularly perturbed Markov jump descriptor systems with nonlinear perturbation. <i>Automatica</i> , <b>2021</b> , 127, 109515	5.7	29
339	Periodic event-triggered control with multisource disturbances and quantized states. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 5404-5426	3.6	1
338	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 2639-2650	3.9	14
337	Finite-Time Event-Triggered Control for Semi-Markovian Switching Cyber-Physical Systems With FDI Attacks and Applications. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 2665-2674	3.9	60
336	On Attitude Tracking Control With Communication-Saving: An Integrated Quantized and Event-Based Scheme. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 2012-2016	3.5	4
335	Dual-Mode deadbeat H2 FIR filtering for discrete-time systems. <i>Signal Processing</i> , <b>2021</b> , 184, 108057	4.4	0
334	Output Feedback Predefined-Time Bipartite Consensus Control for High-Order Nonlinear Multiagent Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 3069-3078	3.9	11
333	Observer-based decentralized pole-zero cancellation tension control with gain booster and surface stabilizer for roll-to-roll systems. <i>Nonlinear Dynamics</i> , <b>2021</b> , 105, 2313-2326	5	1
332	Angular Velocity Observer-Based Quadcopter Attitude Stabilization via Pole-Zero Cancellation Technique. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 2458-2462	3.5	5
331	Two-Dimensional Hankel Norm Performance of Roesser-Type Filters. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	3
330	Generalized Dissipativity-Based Receding Horizon FIR Filtering with Deadbeat Property. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1

329	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 4209-4217	8.9	28
328	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 2310-2321	8.3	28
327	Self-Tuning Unbiased Finite Impulse Response Filtering Algorithm for Processes With Unknown Measurement Noise Covariance. <i>IEEE Transactions on Control Systems Technology</i> , <b>2021</b> , 29, 1372-1379	4.8	4
326	Energy-Shaping Speed Controller With Time-Varying Damping Injection for Permanent-Magnet Synchronous Motors. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 381-385	3.5	11
325	Fault Diagnosability Analysis of Two-Dimensional Linear Discrete Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 826-832	5.9	7
324	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 833-845	8.3	66
323	Position-Tracking Controller for Two-Wheeled Balancing Robot Applications Using Invariant Dynamic Surface. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 705-711	7.3	10
322	Improved Stability Criteria for Discrete-Time Switched TB Fuzzy Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 712-720	7.3	30
321	Global Output Feedback Sampled-Data Stabilization of a Class of Switched Nonlinear Systems in the p-Normal Form. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 1075-1084	7.3	33
320	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2370-2381	7.3	107
319	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2382-2390	7.3	73
318	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3136-3147	7.3	95
317	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3111-3124	7.3	12
316	Sampled-Data State Estimation of Reaction Diffusion Genetic Regulatory Networks via Space-Dividing Approaches. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2021</b> , 18, 718-730	3	15
315	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 363-375	3.9	18
314	Fuzzy Control and Filtering for Nonlinear Singularly Perturbed Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 297-308	10.2	46
313	Membership Function-Dependent Local Controller Design for T-S Fuzzy Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-8	7.3	3
312	Global Decentralized Control of $p$ -Normal Large-Scale Nonlinear Systems Based on Sampled-Data Output Feedback. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 3540-3548	4.3	5

311	Variable-Performance Proportional-Type Angle-Filtering System for Motor Drives. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 511-515	3.5	2
310	Proportional-Derivative Voltage Control With Active Damping for DC/DC Boost Converters via Current Sensorless Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 737-741	3.5	9
309	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 9998-10006	8.9	7
308	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 1716-1727	10.7	26
307	Variable-Performance Positioning Law for Hybrid-Type Stepper Motors via Active Damping Injection and Disturbance Observer. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 1308-1312	3.5	2
306	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3304-3316	7.3	9
305	Finite-Time Dissipative Synchronization for Markovian Jump Generalized Inertial Neural Networks With Reaction-Diffusion Terms. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3650-3661	7.3	20
304	Variable Cut-Off Frequency Algorithm-Based Nonlinear Position Controller for Magnetic Levitation System Applications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 4599-4605	7.3	5
303	Global Stabilization for a Class of Switched Nonlinear Time-Delay Systems via Sampled-Data Output-Feedback Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-12	7.3	10
302	Event-Triggered Bipartite Consensus for Fuzzy Multi-Agent Systems under Markovian Switching Signed Topology. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	3
301	Frobenius Norm-based Unbiased FIR Fusion Filtering for Wireless Sensor Networks. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	5
300	Learning Observer and Performance Tuning-Based Robust Consensus Policy for Multiagent Systems. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-9	4.3	6
299	Fuzzy-Approximation-Based Event-Triggered Output Feedback Adaptive Control for Nonlinear Switched Large-Scale Systems With Actuator Faults. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-8	4.3	3
298	Learning-based Control for Deployment of Tethered Space Robot via Sliding Mode and Zero-sum Game. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1
297	Output-Feedback Speed-Tracking Control Without Current Feedback for BLDCMs Based on Active-Damping and Invariant Surface Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	6
296	Reachability Analysis-based Interval Estimation for Discrete-time Takagi-Sugeno Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	1
295	Synchronization in Finite/Fixed Time for Markovian Complex-Valued Nonlinear Interconnected Neural Networks with Reaction-Diffusion Terms. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	3
294	Variable Cut-Off Frequency Observer-Based Positioning for Ball-Beam Systems Without Velocity and Current Feedback Considering Actuator Dynamics. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 396-405	3.9	5



293	Observer-based Proportional-type Controller for Two-wheeled Mobile Robots via Simple Coordinate Transformation Technique. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	
292	Fault Estimation and Control for Unknown Discrete-Time Systems Based on Data-Driven Parameterization Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
291	Robustification of Learning Observers to Uncertainty Identification via Time-varying Learning Intensity. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1
290	Performance Adjustable Event-Triggered Synchronization Policies to Nonlinear Multiagent Systems. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-12	4.3	5
289	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2021</b> , 1-1	3.7	1
288	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	4
287	Velocity-sensorless proportional-derivative trajectory tracking control with active damping for quadcopters. <i>Nonlinear Dynamics</i> , <b>2021</b> , 103, 1681-1692	5	4
286	Memory-event-triggered H <sub>∞</sub> filtering of unmanned surface vehicles with communication delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	8
285	Finite-Time Fuzzy Bounded Control for Semilinear PDE Systems With Quantized Measurements and Markov Jump Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	5
284	Adaptive Fuzzy Decentralized Dynamic Surface Control for Switched Large-Scale Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	6
283	Active-damping Speed Tracking Technique for Permanent Magnet Synchronous Motors with Transient Performance Boosting Mechanism. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	5
282	L1-gain Control Design for Positive 2D Continuous Delayed Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	3
281	Sampled-data adaptive fuzzy control of switched large-scale nonlinear delay systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	12
280	Leader-Following Consensus Control for Uncertain Feedforward Stochastic Nonlinear Multiagent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	3
279	Regional Leader-Following Consensus of Generalized One-Sided Lipschitz Multiagents: A Monte Carlo Simulation-Based Strategy. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 3769-3780	4.3	2
278	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 68, 3869-3880	3.9	5
277	Receding horizon directional unscented filter for heavy-duty vehicles incorporating sensor modeling constraints. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2021</b> , 183, 109874	4.6	0
276	. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2021</b> , 8, 1644-1656	7	11

275	Cluster synchronization of heterogeneous nonlinear multi-agent systems with actuator faults and IQCs through adaptive fault-tolerant pinning control. <i>Information Sciences</i> , <b>2021</b> , 575, 289-305	7.7	1
274	Leader-following asynchronous consensus for multiagent systems with unknown control and output directions. <i>Automatica</i> , <b>2021</b> , 132, 109832	5.7	4
273	Online-learning control with weakened saturation response to attitude tracking: A variable learning intensity approach. <i>Aerospace Science and Technology</i> , <b>2021</b> , 117, 106981	4.9	1
272	Improved stabilization criteria for Takagi-Sugeno fuzzy systems with variable delays. <i>Information Sciences</i> , <b>2021</b> , 579, 591-606	7.7	3
271	Performance-Boosting Attitude Control for 2-DOF Helicopter Applications via Surface Stabilization Approach. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	2
270	On Relative-Output Feedback Approach for Group Consensus of Clusters of Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
269	Output-voltage-tracking Control for Buck Converters using Variable Convergence Rate Mechanism without Current Feedback. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	2
268	Event-Triggered Dissipative Tracking Control of Networked Control Systems With Distributed Communication Delay. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-11	4.3	8
267	Decentralized event-triggered adaptive fuzzy control for nonlinear switched large-scale systems with input delay via command-filtered backstepping. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	7
266	Adaptive fuzzy event-triggered command-filtered control for nonlinear time-delay systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	10
265	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	2
264	State estimation for jump markov nonlinear systems of unknown measurement data covariance. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 1673-1691	4	3
263	. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-11	4.3	2
262	Coordinated Trajectory Tracking Control of a Marine Aerial-Surface Heterogeneous System. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2021</b> , 1-1	5.5	11
261	Combined Particle/FIR Filtering for Indoor Localization Based on Wireless Sensor Networks <b>2021</b> , 1, 34-40		
260	Multiple-fault diagnosis for spacecraft attitude control systems using RBFNN-based observers. <i>Aerospace Science and Technology</i> , <b>2020</b> , 106, 106195	4.9	9
259	HIOutput Anti-Disturbance Control of Stochastic Markov Jump Systems With Multiple Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	10
258	Two-Layer Nonlinear FIR Filter and Unscented Kalman Filter Fusion With Application to Mobile Robot Localization. <i>IEEE Access</i> , <b>2020</b> , 8, 87173-87183	3.5	2



257	Position Regulator With Variable Cut-Off Frequency Mechanism for Hybrid-Type Stepper Motors. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2020</b> , 67, 3533-3540	3.9	9
256	Active damping injection controller for web longitude and tensions of nonlinear roll-to-roll systems. <i>Nonlinear Dynamics</i> , <b>2020</b> , 100, 3367-3379	5	2
255	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	9
254	. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2020</b> , 25, 1398-1408	5.5	67
253	Containment Control of Linear Multiagent Systems With Stochastic Disturbances via Event-Triggered Strategies. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 4810-4819	4.3	24
252	Periodically Intermittent Stabilization of Neural Networks Based on Discrete-Time Observations. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3497-3501	3.5	4
251	Adaptive Fault-Tolerant Pseudo-PID Sliding-Mode Control for High-Speed Train With Integral Quadratic Constraints and Actuator Saturation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 1-11	6.1	12
250	Seamless indoor pedestrian tracking by fusing INS and UWB measurements via LS-SVM assisted UFIR filter. <i>Neurocomputing</i> , <b>2020</b> , 388, 301-308	5.4	6
249	LPV Scheme for Robust Adaptive Output Feedback Consensus of Lipschitz Multiagents Using Lipschitz Nonlinear Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	6
248	Noise-to-state practical stability and stabilization of random neural networks. <i>Nonlinear Dynamics</i> , <b>2020</b> , 100, 2469-2481	5	5
247	Multiple Lyapunov Functions Approach for Consensus of One-Sided Lipschitz Multi-Agents Over Switching Topologies and Input Saturation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3267-3271	3.5	17
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228	Decentralized Tension Control With Active-Damping Injection for Large-Scale Roll-to-Roll Systems. <i>IEEE Systems Journal</i> , <b>2020</b> , 1-10	4.3	2
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171	Finite-Memory Estimation for Vehicle Roll and Road Bank Angles. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 5423-5432	8.9	3
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161	Exponential Stability, Passivity, and Dissipativity Analysis of Generalized Neural Networks With Mixed Time-Varying Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 395-405	7.3	52
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