

Choon K Ahn

List of Publications by Citations

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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	. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 1745-1759	5.9	304
381	Adaptive Fuzzy Control of Nonlinear Systems With Unmodeled Dynamics and Input Saturation Using Small-Gain Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1979-1989	7.3	214
380	Stochastic stability analysis for 2-D Roeser systems with multiplicative noise. <i>Automatica</i> , 2016 , 69, 356-363	5.63	174
379	. <i>IEEE Transactions on Industrial Informatics</i> , 2015 , 11, 1089-1098	11.9	166
378	. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 511-526	8.3	158
377	Sampled-Data Adaptive Output Feedback Fuzzy Stabilization for Switched Nonlinear Systems With Asynchronous Switching. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 200-205	8.3	146
376	Receding Horizon Stabilization and Disturbance Attenuation for Neural Networks With Time-Varying Delay. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2680-92	10.2	134
375	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 1210-1221	3.9	126
374	Adaptive Dynamic Surface Control Design for Uncertain Nonlinear Strict-Feedback Systems With Unknown Control Direction and Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 506-515	7.3	125
373	. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1793-1806	8.3	118
372	An Event-Based Asynchronous Approach to Markov Jump Systems With Hidden Mode Detections and Missing Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1749-1758	7.758	113
371	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2370-2381	7.3	107
370	Adaptive Control for Stochastic Switched Nonlower Triangular Nonlinear Systems and Its Application to a One-Link Manipulator. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1701-1714	7.3	102
369	. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 5182-5191	8.9	99
368	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3136-3147	7.3	95
367	Stability of Markovian Jump Generalized Neural Networks With Interval Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1840-1850	10.3	91
366	Robust Simultaneous Fault Estimation and Nonfragile Output Feedback Fault-Tolerant Control for Markovian Jump Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1769-1776	7.3	89

365	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 444-454	7.3	85
364	Distributed Consensus Control of One-Sided Lipschitz Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1297-1308	7.3	77
363	Boundary Antidisturbance Control of a Spatially Nonlinear Flexible String System. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 4846-4856	8.9	77
362	L_2 - L_∞ Elimination of Overflow Oscillations in 2-D Digital Filters Described by Roesser Model With External Interference. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2013 , 60, 361-365	3.5	76
361	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2382-2390	7.3	73
360	Passive learning and input-to-state stability of switched Hopfield neural networks with time-delay. <i>Information Sciences</i> , 2010 , 180, 4582-4594	7.7	72
359	Adaptive H ∞ Synchronization for uncertain chaotic systems with external disturbance. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010 , 15, 2168-2177	3.7	70
358	Sliding mode control for non-linear systems by Takagi-Sugeno fuzzy model and delta operator approaches. <i>IET Control Theory and Applications</i> , 2017 , 11, 1205-1213	2.5	69
357	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 1398-1408	5.5	67
356	Mean Square Leader-Following Consensus of Second-Order Nonlinear Multiagent Systems With Noises and Unmodeled Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2478-2486	7.3	67
355	Switching Extensible FIR Filter Bank for Adaptive Horizon State Estimation With Application. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 1052-1058	4.8	66
354	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 833-845	8.3	66
353	Fusion Kalman/UFIR Filter for State Estimation With Uncertain Parameters and Noise Statistics. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3075-3083	8.9	65
352	Switched exponential state estimation of neural networks based on passivity theory. <i>Nonlinear Dynamics</i> , 2012 , 67, 573-586	5	65
351	New Criteria for Stability of Generalized Neural Networks Including Markov Jump Parameters and Additive Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 485-499	7.3	61
350	L_2 - L_∞ Suppression of Limit Cycles in Interfered Two-Dimensional Digital Filters: A Fornasini-Marchesini Model Case. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2014 , 61, 614-618	3.5	61
349	Event-Triggered Fault Detection and Isolation of Discrete-Time Systems Based on Geometric Technique. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 335-339	3.5	61
348	Filtering of Discrete-Time Switched Neural Networks Ensuring Exponential Dissipative and L_2 - L_∞ Performances. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3195-3207	10.2	60

347	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> , 2021 , 68, 2665-2674	3.9	60
346	Adaptive robust INS/UWB-integrated human tracking using UFIR filter bank. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 123, 1-7	4.6	58
345	Adaptive fuzzy control of switched nonlinear time-varying delay systems with prescribed performance and unmodeled dynamics. <i>Fuzzy Sets and Systems</i> , 2019 , 371, 40-60	3.7	56
344	Fault-Tolerant Resilient Control For Fuzzy Fractional Order Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1797-1805	7.3	54
343	Observer and Stochastic Faulty Actuator-Based Reliable Consensus Protocol for Multiagent System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2383-2393	7.3	53
342	An H _∞ approach to stability analysis of switched Hopfield neural networks with time-delay. <i>Nonlinear Dynamics</i> , 2010 , 60, 703-711	5	53
341	Delay-dependent state estimation for T-S fuzzy delayed Hopfield neural networks. <i>Nonlinear Dynamics</i> , 2010 , 61, 483-489	5	53
340	Event-Triggered Consensus Tracking Control of Stochastic Nonlinear Multiagent Systems. <i>IEEE Systems Journal</i> , 2019 , 13, 4051-4059	4.3	52
339	Dynamic output-feedback H _∞ control for active half-vehicle suspension systems with time-varying input delay. <i>International Journal of Control, Automation and Systems</i> , 2016 , 14, 59-68	2.9	52
338	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> , 2019 , 49, 395-405	7.3	52
337	A new solution to the induced L _∞ finite impulse response filtering problem based on two matrix inequalities. <i>International Journal of Control</i> , 2014 , 87, 404-409	1.5	51
336	Fuzzy Control and Filtering for Nonlinear Singularly Perturbed Markov Jump Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 297-308	10.2	46
335	Adaptive Distributed Consensus Control of One-Sided Lipschitz Nonlinear Multiagents. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 568-578	7.3	45
334	Boundary Constrained Control of Flexible String Systems Subject to Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 112-116	3.5	45
333	An approach to anti-synchronization for chaotic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 373, 1729-1733	2.3	44
332	Passive and exponential filter design for fuzzy neural networks. <i>Information Sciences</i> , 2013 , 238, 126-137	7.7	43
331	Receding horizon disturbance attenuation for Takagi-Sugeno fuzzy switched dynamic neural networks. <i>Information Sciences</i> , 2014 , 280, 53-63	7.7	43
330	Stabilisation of locally Lipschitz non-linear systems under input saturation and quantisation. <i>IET Control Theory and Applications</i> , 2017 , 11, 1459-1466	2.5	42

329	New preceding vehicle tracking algorithm based on optimal unbiased finite memory filter. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015 , 73, 262-274	4.6	42
328	L2-L ∞ Filtering for Takagi-Sugeno fuzzy neural networks based on Wirtinger-type inequalities. <i>Neurocomputing</i> , 2015 , 153, 117-125	5.4	42
327	Strictly passive FIR filtering for state-space models with external disturbance. <i>AEU - International Journal of Electronics and Communications</i> , 2012 , 66, 944-948	2.8	42
326	Sampled-Data Stabilization for Fuzzy Genetic Regulatory Networks with Leakage Delays. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018 , 15, 271-285	3	41
325	Criterion for the elimination of overflow oscillations in fixed-point digital filters with saturation arithmetic and external disturbance. <i>AEU - International Journal of Electronics and Communications</i> , 2011 , 65, 750-752	2.8	41
324	. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 3447-3458	4.8	41
323	Horizon group shift FIR filter: Alternative nonlinear filter using finite recent measurements. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 57, 33-45	4.6	40
322	\mathcal{H}_∞ Finite Memory Controls for Linear Discrete-Time State-Space Models. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2007 , 54, 97-101		40
321	TS Fuzzy H ∞ synchronization for chaotic systems via delayed output feedback control. <i>Nonlinear Dynamics</i> , 2010 , 59, 535-543	5	39
320	Fuzzy-Approximation-Based Distributed Fault-Tolerant Consensus for Heterogeneous Switched Nonlinear Multiagent Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	39
319	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1516-1526	7.3	39
318	Finite-Time Passivity-Based Stability Criteria for Delayed Discrete-Time Neural Networks via New Weighted Summation Inequalities. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 58-71	10.3	38
317	Fuzzy delayed output feedback synchronization for time-delayed chaotic systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2010 , 4, 16-24	4.5	38
316	Consensus of Linear Multiagent Systems With Input-Based Triggering Condition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2308-2317	7.3	37
315	Some new results on stability of Takagi-Sugeno fuzzy Hopfield neural networks. <i>Fuzzy Sets and Systems</i> , 2011 , 179, 100-111	3.7	36
314	Fuzzy Integral Sliding-Mode Control for Nonlinear Semi-Markovian Switching Systems With Application. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	36
313	Novel Results on Generalized Dissipativity of Two-Dimensional Digital Filters. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 893-897	3.5	35
312	Neural-Network Approximation-Based Adaptive Periodic Event-Triggered Output-Feedback Control of Switched Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4011-4020	10.2	35

311	Accurate and Reliable Human Localization Using Composite Particle/FIR Filtering. <i>IEEE Transactions on Human-Machine Systems</i> , 2017 , 47, 332-342	4.1	34
310	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1901-1911	7.3	34
309	Two-Dimensional Peak-to-Peak Filtering for Stochastic Fornasini-Marchesini Systems. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1472-1479	5.9	33
308	Overflow Oscillation Elimination of 2-D Digital Filters in the Roesser Model with Wiener Process Noise. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 1302-1305	3.2	33
307	Passivity and Finite-Gain Performance for Two-Dimensional Digital Filters: The FM LSS Model Case. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015 , 62, 871-875	3.5	33
306	. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 8566-8575	8.9	33
305	Output Tracking Control for Fractional-Order Positive Switched Systems With Input Time Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1013-1017	3.5	33
304	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> , 2021 , 51, 1075-1084	7.3	33
303	Generalized Dissipativity Analysis of Digital Filters With Finite-Wordlength Arithmetic. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 386-390	3.5	32
302	Output feedback H _∞ Synchronization for delayed chaotic neural networks. <i>Nonlinear Dynamics</i> , 2010 , 59, 319-327	5	32
301	Finite-Time [Formula: see text] Asynchronous Control for Nonlinear Markov Jump Distributed Parameter Systems via Quantized Fuzzy Output-Feedback Approach. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4098-4109	10.2	32
300	Event-Triggered H _∞ Filtering for T-S Fuzzy-Model-Based Nonlinear Networked Systems With Multisensors Against DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	30
299	Model Reduction of Markovian Jump Systems With Uncertain Probabilities. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 382-388	5.9	30
298	Improved Stability Criteria for Discrete-Time Switched T _S Fuzzy Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 712-720	7.3	30
297	Sliding mode control for singularly perturbed Markov jump descriptor systems with nonlinear perturbation. <i>Automatica</i> , 2021 , 127, 109515	5.7	29
296	Expected Power Bound for Two-Dimensional Digital Filters in the Fornasini-Marchesini Local State-Space Model. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1065-1069	3.2	28
295	. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4209-4217	8.9	28
294	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 2310-2321	8.3	28

293	Performance of single and interconnected neural networks with time-varying delay. <i>Information Sciences</i> , 2016 , 346-347, 412-423	7.7	27
292	Two new criteria for the realization of interfered digital filters utilizing saturation overflow nonlinearity. <i>Signal Processing</i> , 2014 , 95, 171-176	4.4	27
291	Takagi-Sugeno fuzzy receding horizon chaotic synchronization and its application to the Lorenz system. <i>Nonlinear Analysis: Hybrid Systems</i> , 2013 , 9, 1-8	4.5	27
290	Improved exponential convergence result for generalized neural networks including interval time-varying delayed signals. <i>Neural Networks</i> , 2017 , 86, 10-17	9.1	27
289	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 14749-14764	6.8	27
288	Consensus of One-Sided Lipschitz Multi-Agents Under Input Saturation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 745-749	3.5	27
287	Self-recovering extended Kalman filtering algorithm based on model-based diagnosis and resetting using an assisting FIR filter. <i>Neurocomputing</i> , 2016 , 173, 645-658	5.4	26
286	Arbitration algorithm of FIR filter and optical flow based on ANFIS for visual object tracking. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015 , 75, 338-353	4.6	26
285	Reachable set estimation for Takagi-Sugeno fuzzy systems against unknown output delays with application to tracking control of AUVs. <i>ISA Transactions</i> , 2018 , 78, 31-38	5.5	26
284	Event-triggered finite-time resilient control for switched systems: an observer-based approach and its applications to a boost converter circuit system model. <i>Nonlinear Dynamics</i> , 2018 , 94, 2409-2421	5	26
283	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1531-1541	8.3	26
282	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1716-1727	10.7	26
281	Multi-target FIR tracking algorithm for Markov jump linear systems based on true-target decision-making. <i>Neurocomputing</i> , 2015 , 168, 298-307	5.4	25
280	. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 7193-7201	8.9	25
279	Neural network H _∞ chaos synchronization. <i>Nonlinear Dynamics</i> , 2010 , 60, 295-302	5	25
278	Robust and accurate UWB-based indoor robot localisation using integrated EKF/EFIR filtering. <i>IET Radar, Sonar and Navigation</i> , 2018 , 12, 750-756	1.4	25
277	Dissipativity analysis for fixed-point interfered digital filters. <i>Signal Processing</i> , 2015 , 109, 148-153	4.4	24
276	Containment Control of Linear Multiagent Systems With Stochastic Disturbances via Event-Triggered Strategies. <i>IEEE Systems Journal</i> , 2020 , 14, 4810-4819	4.3	24

275	Adaptive H _∞ Anti-Synchronization for Time-Delayed Chaotic Neural Networks 2009 , 122, 1391-1403		24
274	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	24
273	. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 6393-6402	8.9	23
272	Robust Stabilization of Delayed Neural Networks: Dissipativity-Learning Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 913-922	10.3	23
271	Two-dimensional digital filters described by Roesser model with interference attenuation 2013 , 23, 1296-1302		23
270	l ₂ stability criterion for fixed-point state-space digital filters with saturation nonlinearity. <i>International Journal of Electronics</i> , 2013 , 100, 1309-1316	1.2	23
269	Takagi-Sugeno Fuzzy Hopfield Neural Networks for (\mathcal{H}_{∞}) Nonlinear System Identification. <i>Neural Processing Letters</i> , 2011 , 34, 59-70	2.4	23
268	Reinforcement Learning-Based Optimal Tracking Control of an Unknown Unmanned Surface Vehicle. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 3034-3045	10.3	23
267	Receding-Horizon L_2 - L_{∞} FIR Filter With Embedded Deadbeat Property. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 211-215	3.5	22
266	Decentralized Stabilization for Switched Large-Scale Nonlinear Systems via Sampled-Data Output Feedback. <i>IEEE Systems Journal</i> , 2019 , 13, 4335-4343	4.3	22
265	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 967-975	11.9	22
264	An error passivation approach to filtering for switched neural networks with noise disturbance. <i>Neural Computing and Applications</i> , 2012 , 21, 853-861	4.8	22
263	Linear Matrix Inequality Optimization Approach to Exponential Robust Filtering for Switched Hopfield Neural Networks. <i>Journal of Optimization Theory and Applications</i> , 2012 , 154, 573-587	1.6	22
262	Unbiased Finite-Memory Digital Phase-Locked Loop. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 798-802	3.5	21
261	Robust H_2 Control of Linear Systems With Mismatched Quantization. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1702-1709	5.9	21
260	Prescribed performance fixed-time recurrent neural network control for uncertain nonlinear systems. <i>Neurocomputing</i> , 2019 , 363, 351-365	5.4	21
259	Robust Antiwindup for One-Sided Lipschitz Systems Subject to Input Saturation and Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 9706-9716	8.9	20
258	Optimal residual generation for fault detection in linear discrete time-varying systems with uncertain observations. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3330-3353	4	20

257	IOSS Criterion for the Absence of Limit Cycles in Interfered Digital Filters Employing Saturation Overflow Arithmetic. <i>Circuits, Systems, and Signal Processing</i> , 2013 , 32, 1433-1441	2.2	20
256	State estimation for TB fuzzy Hopfield neural networks via strict output passivation of the error system. <i>International Journal of General Systems</i> , 2013 , 42, 503-518	2.1	20
255	Anti-synchronization of Time-delayed Chaotic Neural Networks Based on Adaptive Control. <i>International Journal of Theoretical Physics</i> , 2009 , 48, 3498-3509	1.1	20
254	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> , 2021 , 51, 3650-3661	7.3	20
253	Blind Robust Estimation With Missing Data for Smart Sensors Using UFIR Filtering. <i>IEEE Sensors Journal</i> , 2017 , 17, 1819-1827	4	19
252	Multileader Multiagent Systems Containment Control With Event-Triggering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	19
251	Exponential . <i>Computers and Mathematics With Applications</i> , 2012 , 63, 887-895	2.7	18
250	Adaptive fuzzy control for fractional-order interconnected systems with unknown control directions. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	18
249	A flexible terminal approach to stochastic stability and stabilization of continuous-time semi-Markovian jump systems with time-varying delay. <i>Applied Mathematics and Computation</i> , 2019 , 342, 191-205	2.7	18
248	Toward the LPV Approach for Adaptive Distributed Consensus of Lipschitz Multi-Agents. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 91-95	3.5	18
247	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 363-375	3.9	18
246	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> , 2020 , 67, 3267-3271	3.5	17
245	Gain performance analysis for two-dimensional Roesser systems with persistent bounded disturbance and saturation nonlinearity. <i>Information Sciences</i> , 2016 , 333, 126-139	7.7	17
244	Particle filtering approach to membership function adjustment in fuzzy logic systems. <i>Neurocomputing</i> , 2017 , 237, 166-174	5.4	17
243	A new condition for the elimination of overflow oscillations in direct form digital filters. <i>International Journal of Electronics</i> , 2012 , 99, 1581-1588	1.2	17
242	Robustness bound for receding horizon finite memory control: Lyapunov-Krasovskii approach. <i>International Journal of Control</i> , 2012 , 85, 942-949	1.5	17
241	Boundary Output Constrained Control for a Flexible Beam System With Prescribed Performance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	17
240	. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 5235-5243	11.9	16

239	Cooperative Adaptive Dynamic Surface Control for a Class of High-Order Stochastic Nonlinear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5214-5224	10.2	16
238	Frequency-Efficient Receding Horizon H_∞ FIR Filtering in Discrete-Time State-Space. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 2945-2953	3.9	15
237	Auto-Tuner-Based Controller for Quadcopter Attitude Tracking Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 2012-2016	3.5	15
236	Finite-time reliable attitude tracking control design for nonlinear quadrotor model with actuator faults. <i>Nonlinear Dynamics</i> , 2019 , 96, 2681-2692	5	15
235	Fuzzy horizon group shift FIR filtering for nonlinear systems with Takagi-Sugeno model. <i>Neurocomputing</i> , 2016 , 174, 1013-1020	5.4	15
234	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> , 2021 , 32, 2952-2964	10.3	15
233	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 84-94	3.7	15
232	Sampled-Data State Estimation of Reaction Diffusion Genetic Regulatory Networks via Space-Dividing Approaches. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 718-730	3	15
231	A New Unbiased FIR Filter With Improved Robustness Based on Frobenius Norm With Exponential Weight. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 521-525	3.5	14
230	Time-domain filtering for estimation of linear systems with colored noises using recent finite measurements. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013 , 46, 2792-2797	4.6	14
229	A new realization criterion for 2-D digital filters in the Fornasini-Marchesini second model with interference. <i>Signal Processing</i> , 2014 , 104, 225-231	4.4	14
228	Robust stability of recurrent neural networks with ISS learning algorithm. <i>Nonlinear Dynamics</i> , 2011 , 65, 413-419	5	14
227	Kalman and UFIR state estimation with coloured measurement noise using backward Euler method. <i>IET Signal Processing</i> , 2020 , 14, 64-71	1.7	14
226	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 2639-2650	3.9	14
225	Static anti-windup compensator design for nonlinear time-delay systems subjected to input saturation. <i>Nonlinear Dynamics</i> , 2019 , 95, 1879-1901	5	14
224	Stability analysis of nonlinear digital systems under hardware overflow constraint for dealing with finite word-length effects of digital technologies. <i>Signal Processing</i> , 2017 , 140, 139-148	4.4	13
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