Zidong Wang

List of Publications by Citations

Source: https://exaly.com/author-pdf/11006042/zidong-wang-publications-by-citations.pdf
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

528 papers	31,615 citations	101 h-index	157 g-index
571 ext. papers	37,604 ext. citations	4.3 avg, IF	8.09 L-index

#	Paper	IF	Citations
528	A survey of deep neural network architectures and their applications. *Neurocomputing*, **2017**, 234, 11-26	5.4	1412
527	Global exponential stability of generalized recurrent neural networks with discrete and distributed delays. *Neural Networks*, **2006**, 19, 667-75	9.1	580
526	Global synchronization for discrete-time stochastic complex networks with randomly occurred nonlinearities and mixed time delays. *IEEE Transactions on Neural Networks*, **2010**, 21, 11-25		423
525	Distributed . *Automatica*, **2010**, 46, 1682-1688	5.7	380
524	Stability analysis for stochastic Cohen-Grossberg neural networks with mixed time delays. *IEEE Transactions on Neural Networks*, **2006**, 17, 814-20		378
523	Robust H/sub /spl infin// filtering for stochastic time-delay systems with missing measurements. *IEEE Transactions on Signal Processing*, **2006**, 54, 2579-2587	4.8	361
522	On global asymptotic stability of neural networks with discrete and distributed delays. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2005**, 345, 299-308	2.3	360
521	Synchronization and state estimation for discrete-time complex networks with distributed delays. *IEEE Transactions on Systems, Man, and Cybernetics*, **2008**, 38, 1314-25		359
520	Robust H infinity control for networked systems with random packet losses. *IEEE Transactions on Systems, Man, and Cybernetics*, **2007**, 37, 916-24		352
519	Robust H□control for a class of nonlinear discrete time-delay stochastic systems with missing measurements. *Automatica*, **2009**, 45, 684-691	5.7	323
518	Exponential stability of delayed recurrent neural networks with Markovian jumping parameters. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2006**, 356, 346-352	2.3	321
517	Distributed consensus filtering in sensor networks. *IEEE Transactions on Systems, Man, and Cybernetics*, **2009**, 39, 1568-77		312
516	Distributed H□Filtering for a Class of Markovian Jump Nonlinear Time-Delay Systems Over Lossy Sensor Networks. *IEEE Transactions on Industrial Electronics*, **2013**, 60, 4665-4672	8.9	308
515	A variance-constrained approach to recursive state estimation for time-varying complex networks with missing measurements. *Automatica*, **2016**, 64, 155-162	5.7	305
514	State estimation for delayed neural networks. *IEEE Transactions on Neural Networks*, **2005**, 16, 279-84		305
513	H□filtering for uncertain stochastic time-delay systems with sector-bounded nonlinearities. *Automatica*, **2008**, 44, 1268-1277	5.7	302
512	Quantised recursive filtering for a class of nonlinear systems with multiplicative noises and missing measurements. *International Journal of Control*, **2013**, 86, 650-663	1.5	301

511	Robust Sliding Mode Control for Discrete Stochastic Systems With Mixed Time Delays, Randomly Occurring Uncertainties, and Randomly Occurring Nonlinearities. *IEEE Transactions on Industrial Electronics*, **2012**, 59, 3008-3015	8.9	288
510	Stability and synchronization of discrete-time Markovian jumping neural networks with mixed mode-dependent time delays. *IEEE Transactions on Neural Networks*, **2009**, 20, 1102-16		285
509	Distributed recursive filtering for stochastic systems under uniform quantizations and deception attacks through sensor networks. *Automatica*, **2017**, 78, 231-240	5.7	271
508	Security Control for Discrete-Time Stochastic Nonlinear Systems Subject to Deception Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 779-789	7.3	245
507	A Dynamic Event-Triggered Transmission Scheme for Distributed Set-Membership Estimation Over Wireless Sensor Networks. *IEEE Transactions on Cybernetics*, **2019**, 49, 171-183	10.2	238
506	A Survey on Model-Based Distributed Control and Filtering for Industrial Cyber-Physical Systems. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 2483-2499	11.9	235
505	Extended Kalman filtering with stochastic nonlinearities and multiple missing measurements. *Automatica*, **2012**, 48, 2007-2015	5.7	235
504	Bounded H synchronization and state estimation for discrete time-varying stochastic complex networks over a finite horizon. *IEEE Transactions on Neural Networks*, **2011**, 22, 145-57		235
503	Sampled-Data Synchronization Control of Dynamical Networks With Stochastic Sampling. *IEEE Transactions on Automatic Control*, **2012**, 57, 2644-2650	5.9	233
502	Variance-constrained filtering for uncertain stochastic systems with missing measurements. *IEEE Transactions on Automatic Control*, **2003**, 48, 1254-1258	5.9	228
501	Robust H_{infty} Filtering for a Class of Nonlinear Networked Systems With Multiple Stochastic Communication Delays and Packet Dropouts. *IEEE Transactions on Signal Processing*, **2010**, 58, 1957-1966	4.8	210
500	State estimation for jumping recurrent neural networks with discrete and distributed delays. *Neural Networks*, **2009**, 22, 41-8	9.1	208
499	Robust ${{cal H}}_{infty}$ Filtering for Markovian Jump Systems With Randomly Occurring Nonlinearities and Sensor Saturation: The Finite-Horizon Case. *IEEE Transactions on Signal Processing*, **2011**, 59, 3048-3057	4.8	207
498	Robust fault detection for networked systems with communication delay and data missing. *Automatica*, **2009**, 45, 2634-2639	5.7	206
497	Fuzzy-model-based robust fault detection with stochastic mixed time delays and successive packet dropouts. *IEEE Transactions on Systems, Man, and Cybernetics*, **2012**, 42, 365-76		204
496	H filtering with randomly occurring sensor saturations and missing measurements. *Automatica*, **2012**, 48, 556-562	5.7	201
495	Robust filtering with stochastic nonlinearities and multiple missing measurements. *Automatica*, **2009**, 45, 836-841	5.7	195
494	Robust $H_{infty }$ Fuzzy Output-Feedback Control With Multiple Probabilistic Delays and Multiple Missing Measurements. *IEEE Transactions on Fuzzy Systems*, **2010**, 18, 712-725	8.3	191

493	Stochastic stability of uncertain Hopfield neural networks with discrete and distributed delays. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2006**, 354, 288-297	2.3	189
492	Quantized $H_{infty }$ Control for Nonlinear Stochastic Time-Delay Systems With Missing Measurements. *IEEE Transactions on Automatic Control*, **2012**, 57, 1431-1444	5.9	188
491	H□state estimation for complex networks with uncertain inner coupling and incomplete measurements. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 2027-37	10.3	187
490	. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2012**, 59, 2354-2362	3.9	185
489	Distributed Filtering for a Class of Time-Varying Systems Over Sensor Networks With Quantization Errors and Successive Packet Dropouts. *IEEE Transactions on Signal Processing*, **2012**, 60, 3164-3173	4.8	185
488	Event-Based Recursive Distributed Filtering Over Wireless Sensor Networks. *IEEE Transactions on Automatic Control*, **2015**, 60, 2470-2475	5.9	181
487	Finite-Horizon H□Filtering With Missing Measurements and Quantization Effects. *IEEE Transactions on Automatic Control*, **2013**, 58, 1707-1718	5.9	180
486	State estimation for coupled uncertain stochastic networks with missing measurements and time-varying delays: the discrete-time case. *IEEE Transactions on Neural Networks*, **2009**, 20, 781-93		180
485	Robust stability analysis of generalized neural networks with discrete and distributed time delays. *Chaos, Solitons and Fractals*, **2006**, 30, 886-896	9.3	178
484	A Set-Membership Approach to Event-Triggered Filtering for General Nonlinear Systems Over Sensor Networks. *IEEE Transactions on Automatic Control*, **2020**, 65, 1792-1799	5.9	173
483	State estimation under false data injection attacks: Security analysis and system protection. *Automatica*, **2018**, 87, 176-183	5.7	172
482	Observer-based networked control for continuous-time systems with random sensor delays. *Automatica*, **2009**, 45, 578-584	5.7	171
481	Robust Kalman filtering for discrete time-varying uncertain systems with multiplicative noises. *IEEE Transactions on Automatic Control*, **2002**, 47, 1179-1183	5.9	171
480	Distributed state estimation with stochastic parameters and nonlinearities through sensor networks: The finite-horizon case. *Automatica*, **2012**, 48, 1575-1585	5.7	169
479	Robust synchronization of an array of coupled stochastic discrete-time delayed neural networks. *IEEE Transactions on Neural Networks*, **2008**, 19, 1910-21		159
478	PINNING IMPULSIVE STABILIZATION OF NONLINEAR DYNAMICAL NETWORKS WITH TIME-VARYING DELAY. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2012**, 22, 1250176	2	158
477	Robust stability for stochastic Hopfield neural networks with time delays. *Nonlinear Analysis: Real World Applications*, **2006**, 7, 1119-1128	2.1	156
476	Synchronization of Coupled Neutral-Type Neural Networks With Jumping-Mode-Dependent Discrete and Unbounded Distributed Delays. *IEEE Transactions on Cybernetics*, **2013**, 43, 102-14	10.2	150

475	Exponential synchronization of complex networks with Markovian jump and mixed delays. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2008**, 372, 3986-3998	2.3	146
474	A new switching-delayed-PSO-based optimized SVM algorithm for diagnosis of Alzheimer disease. *Neurocomputing*, **2018**, 320, 195-202	5.4	146
473	Exponential stability of uncertain stochastic neural networks with mixed time-delays. *Chaos, Solitons and Fractals*, **2007**, 32, 62-72	9.3	145
472	Stabilization of Systems With Probabilistic Interval Input Delays and Its Applications to Networked Control Systems. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2009**, 39, 939-945		142
471	Event-based security control for discrete-time stochastic systems. *IET Control Theory and Applications*, **2016**, 10, 1808-1815	2.5	142
470	Envelope-constrained H filtering with fading measurements and randomly occurring nonlinearities: The finite horizon case. *Automatica*, **2015**, 55, 37-45	5.7	141
469	Joint state and fault estimation for time-varying nonlinear systems with randomly occurring faults and sensor saturations. *Automatica*, **2018**, 97, 150-160	5.7	141
468	Finite-Horizon ${cal H}_{infty}$ Control for Discrete Time-Varying Systems With Randomly Occurring Nonlinearities and Fading Measurements. *IEEE Transactions on Automatic Control*, **2015**, 60, 2488-2493	5.9	138
467	On H-infinity Estimation of Randomly Occurring Faults for A Class of Nonlinear Time-Varying Systems With Fading Channels. *IEEE Transactions on Automatic Control*, **2016**, 61, 479-484	5.9	137
466	Recursive filtering with random parameter matrices, multiple fading measurements and correlated noises. *Automatica*, **2013**, 49, 3440-3448	5.7	136
465	Event-Triggered Mean-Square Consensus Control for Time-Varying Stochastic Multi-Agent System With Sensor Saturations. *IEEE Transactions on Automatic Control*, **2017**, 62, 3524-3531	5.9	136
464	A Threshold-Parameter-Dependent Approach to Designing Distributed Event-Triggered H Consensus Filters Over Sensor Networks. *IEEE Transactions on Cybernetics*, **2019**, 49, 1148-1159	10.2	136
463	. *Automatica*, **2009**, 45, 1032-1037	5.7	135
462	Deep Belief Networks for Quantitative Analysis of a Gold Immunochromatographic Strip. *Cognitive Computation*, **2016**, 8, 684-692	4.4	135
461	Distributed Filtering for Fuzzy Time-Delay Systems With Packet Dropouts and Redundant Channels. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 559-572	7.3	134
460	Finite-horizon estimation of randomly occurring faults for a class of nonlinear time-varying systems. *Automatica*, **2014**, 50, 3182-3189	5.7	134
459	Robust . *Automatica*, **2010**, 46, 1743-1751	5.7	134
458	On Nonlinear $H_{infty }$ Filtering for Discrete-Time Stochastic Systems With Missing Measurements. *IEEE Transactions on Automatic Control*, **2008**, 53, 2170-2180	5.9	134

457	Finite-horizon reliable control with randomly occurring uncertainties and nonlinearities subject to output quantization. *Automatica*, **2015**, 52, 355-362	5.7	133
456	Distributed H_{infty} Filtering for Polynomial Nonlinear Stochastic Systems in Sensor Networks. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 1971-1979	8.9	132
455	Robust finite-horizon filtering for stochastic systems with missing measurements. *IEEE Signal Processing Letters*, **2005**, 12, 437-440	3.2	132
454	Event-Based H_{infty} Filter Design for a Class of Nonlinear Time-Varying Systems With Fading Channels and Multiplicative Noises. *IEEE Transactions on Signal Processing*, **2015**, 63, 3387-3395	4.8	130
453	A survey of event-based strategies on control and estimation. *Systems Science and Control Engineering*, **2014**, 2, 90-97	2	130
452	A Stochastic Sampled-Data Approach to Distributed $H_{infty }$ Filtering in Sensor Networks. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2011**, 58, 2237-2246	3.9	130
451	Stability analysis of impulsive stochastic Cohen□Grossberg neural networks with mixed time delays. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 3314-3326	3.3	127
450	Event-based filtering for time-varying nonlinear systems subject to multiple missing measurements with uncertain missing probabilities. *Information Fusion*, **2017**, 38, 74-83	16.7	124
449	Distributed state estimation for discrete-time sensor networks with randomly varying nonlinearities and missing measurements. *IEEE Transactions on Neural Networks*, **2011**, 22, 486-96		124
448	Discrete-time recurrent neural networks with time-varying delays: Exponential stability analysis. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 362, 480-488	2.3	124
447	Distributed Event-Based Set-Membership Filtering for a Class of Nonlinear Systems With Sensor Saturations Over Sensor Networks. *IEEE Transactions on Cybernetics*, **2017**, 47, 3772-3783	10.2	123
446	Distributed weighted robust Kalman filter fusion for uncertain systems with autocorrelated and cross-correlated noises. *Information Fusion*, **2013**, 14, 78-86	16.7	122
445	Robust ${cal H}_{infty}$ Finite-Horizon Control for a Class of Stochastic Nonlinear Time-Varying Systems Subject to Sensor and Actuator Saturations. *IEEE Transactions on Automatic Control*, **2010**, 55, 1716-1722	5.9	120
444	Asymptotic stability for neural networks with mixed time-delays: the discrete-time case. *Neural Networks*, **2009**, 22, 67-74	9.1	118
443	Set-membership filtering for time-varying systems with mixed time-delays under Round-Robin and Weighted Try-Once-Discard protocols. *Automatica*, **2016**, 74, 341-348	5.7	117
442	An Improved Particle Filter With a Novel Hybrid Proposal Distribution for Quantitative Analysis of Gold Immunochromatographic Strips. *IEEE Nanotechnology Magazine*, **2019**, 18, 819-829	2.6	116
441	Gain-Constrained Recursive Filtering With Stochastic Nonlinearities and Probabilistic Sensor Delays. *IEEE Transactions on Signal Processing*, **2013**, 61, 1230-1238	4.8	115
440	State estimation for discrete-time Markovian jumping neural networks with mixed mode-dependent delays. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2008**, 372, 7147-7155	2.3	115

439	Design of exponential state estimators for neural networks with mixed time delays. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 364, 401-412	2.3	115
438	Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. *IEEE Transactions on Automatic Control*, **2008**, 53, 2448-2457	5.9	114
437	A delay-dependent LMI approach to dynamics analysis of discrete-time recurrent neural networks with time-varying delays. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 368, 134-145	2.3	113
436	On delayed genetic regulatory networks with polytopic uncertainties: robust stability analysis. *IEEE Transactions on Nanobioscience*, **2008**, 7, 154-63	3.4	112
435	Probabilistic-constrained filtering for a class of nonlinear systems with improved static event-triggered communication. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 1484-1498	3.6	110
434	Consensus control of stochastic multi-agent systems: a survey. *Science China Information Sciences*, **2017**, 60, 1	3.4	108
433	Optimal control for networked control systems with disturbances: a delta operator approach. *IET Control Theory and Applications*, **2017**, 11, 1325-1332	2.5	107
432	State estimation for Markov-type genetic regulatory networks with delays and uncertain mode transition rates. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2009**, 373, 4328-4337	2.3	104
431	Estimation, filtering and fusion for networked systems with network-induced phenomena: New progress and prospects. *Information Fusion*, **2016**, 31, 65-75	16.7	103
430	Robust stability of discrete-time stochastic neural networks with time-varying delays. *Neurocomputing*, **2008**, 71, 823-833	5.4	103
429	A Novel Switching Delayed PSO Algorithm for Estimating Unknown Parameters of Lateral Flow Immunoassay. *Cognitive Computation*, **2016**, 8, 143-152	4.4	103
428	Event-triggered distributed H∞ state estimation with packet dropouts through sensor networks. *IET Control Theory and Applications*, **2015**, 9, 1948-1955	2.5	102
427	Robust H∞ observer design of linear state delayed systems with parametric uncertainty: the discrete-time case. *Automatica*, **1999**, 35, 1161-1167	5.7	101
426	Variance-Constrained Distributed Filtering for Time-Varying Systems With Multiplicative Noises and Deception Attacks Over Sensor Networks. *IEEE Sensors Journal*, **2017**, 17, 2279-2288	4	99
425	Non-fragile state estimation for discrete Markovian jumping neural networks. *Neurocomputing*, **2016**, 179, 238-245	5.4	99
424	Reliable H∞ control for discrete-time piecewise linear systems with infinite distributed delays. *Automatica*, **2009**, 45, 2991-2994	5.7	99
423	Global stability of stochastic high-order neural networks with discrete and distributed delays. *Chaos, Solitons and Fractals*, **2008**, 36, 388-396	9.3	99
422	H∞ consensus control for multi-agent systems with missing measurements: The finite-horizon case. *Systems and Control Letters*, **2013**, 62, 827-836	2.4	98

421	Distributed filtering for nonlinear time-delay systems over sensor networks subject to multiplicative link noises and switching topology. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 2941-2959	3.6	97
420	Exponential synchronization of stochastic delayed discrete-time complex networks. *Nonlinear Dynamics*, **2008**, 53, 153-165	5	97
419	$H_{bm infty}$ Fuzzy Control for Systems With Repeated Scalar Nonlinearities and Random Packet Losses. *IEEE Transactions on Fuzzy Systems*, **2009**, 17, 440-450	8.3	94
418	On global exponential stability of generalized stochastic neural networks with mixed time-delays. *Neurocomputing*, **2006**, 70, 314-326	5.4	93
417	An extended Kalman filtering approach to modeling nonlinear dynamic gene regulatory networks via short gene expression time series. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, **2009**, 6, 410-9	3	90
416	Robust ${mathscr {H}}_{infty }$ Filtering for a Class of Two-Dimensional Uncertain Fuzzy Systems With Randomly Occurring Mixed Delays. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 70-83	8.3	89
415	Networked Strong Tracking Filtering with Multiple Packet Dropouts: Algorithms and Applications. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 1454-1463	8.9	89
414	Robust H □filtering for networked systems with multiple state delays. *International Journal of Control*, **2007**, 80, 1217-1232	1.5	87
413	Ultimate Boundedness Control for Networked Systems With Try-Once-Discard Protocol and Uniform Quantization Effects. *IEEE Transactions on Automatic Control*, **2017**, 62, 6582-6588	5.9	86
412	Event-Based Variance-Constrained ${mathcal {H}}_{infty }$ Filtering for Stochastic Parameter Systems Over Sensor Networks With Successive Missing Measurements. *IEEE Transactions on Cybernetics*, **2018**, 48, 1007-1017	10.2	86
411	Event-triggered robust distributed state estimation for sensor networks with state-dependent noises. *International Journal of General Systems*, **2015**, 44, 254-266	2.1	86
410	state estimation with fading measurements, randomly varying nonlinearities and probabilistic distributed delays. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 2180-2195	3.6	85
409	Event-Based H_{infty} Consensus Control of Multi-Agent Systems With Relative Output Feedback: The Finite-Horizon Case. *IEEE Transactions on Automatic Control*, **2015**, 60, 2553-2558	5.9	85
408	Robust $H_{infty }$ Control With Missing Measurements and Time Delays. *IEEE Transactions on Automatic Control*, **2007**, 52, 1666-1672	5.9	85
407	Design of non-fragile state estimators for discrete time-delayed neural networks with parameter uncertainties. *Neurocomputing*, **2016**, 182, 18-24	5.4	84
406	Event-triggered recursive state estimation for dynamical networks under randomly switching topologies and multiple missing measurements. *Automatica*, **2020**, 115, 108908	5.7	83
405	Recursive distributed filtering over sensor networks on Gilbert□Elliott channels: A dynamic event-triggered approach. *Automatica*, **2020**, 113, 108681	5.7	82
404	Filtering on nonlinear time-delay stochastic systems. *Automatica*, **2003**, 39, 101-109	5.7	81

403	Robust H/sub 2//H/sub /spl infin// filtering for linear systems with error variance constraints. *IEEE Transactions on Signal Processing*, **2000**, 48, 2463-2467	4.8	81
402	Nonfragile H_{infty} Fuzzy Filtering With Randomly Occurring Gain Variations and Channel Fadings. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 505-518	8.3	77
401	A Resilient Approach to Distributed Filter Design for Time-Varying Systems Under Stochastic Nonlinearities and Sensor Degradation. *IEEE Transactions on Signal Processing*, **2017**, 65, 1300-1309	4.8	77
400	Recent advances on filtering and control for cyber-physical systems under security and resource constraints. *Journal of the Franklin Institute*, **2016**, 353, 2451-2466	4	77
399	A new approach to non-fragile state estimation for continuous neural networks with time-delays. *Neurocomputing*, **2016**, 197, 205-211	5.4	76
398	Event-Triggered Partial-Nodes-Based State Estimation for Delayed Complex Networks With Bounded Distributed Delays. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1088-1098	7.3	76
397	Stability analysis for a class of neutral-type neural networks with Markovian jumping parameters and mode-dependent mixed delays. *Neurocomputing*, **2012**, 94, 46-53	5.4	75
396	Robust state estimation for discrete-time stochastic neural networks with probabilistic measurement delays. *Neurocomputing*, **2010**, 74, 256-264	5.4	75
395	Image encryption using chaotic coupled map lattices with time-varying delays. *Communications in Nonlinear Science and Numerical Simulation*, **2010**, 15, 2456-2468	3.7	75
394	Global synchronization for delayed complex networks with randomly occurring nonlinearities and multiple stochastic disturbances. *Journal of Physics A: Mathematical and Theoretical*, **2009**, 42, 135101	2	74
393	Inferring nonlinear lateral flow immunoassay state-space models via an unscented Kalman filter. *Science China Information Sciences*, **2016**, 59, 1	3.4	73
392	Stabilization for sampled-data systems under noisy sampling interval. *Automatica*, **2016**, 63, 162-166	5.7	73
391	Distributed filtering in sensor networks with randomly occurring saturations and successive packet dropouts. *International Journal of Robust and Nonlinear Control*, **2014**, 24, 1743-1759	3.6	73
390	Quantized/Saturated Control for Sampled-Data Systems Under Noisy Sampling Intervals: A Confluent Vandermonde Matrix Approach. *IEEE Transactions on Automatic Control*, **2017**, 62, 4753-4759	5.9	72
389	Distributed State-Saturated Recursive Filtering Over Sensor Networks Under Round-Robin Protocol. *IEEE Transactions on Cybernetics*, **2020**, 50, 3605-3615	10.2	72
388	A Novel Particle Swarm Optimization Approach for Patient Clustering From Emergency Departments. *IEEE Transactions on Evolutionary Computation*, **2019**, 23, 632-644	15.6	72
387	State estimation for two-dimensional complex networks with randomly occurring nonlinearities and randomly varying sensor delays. *International Journal of Robust and Nonlinear Control*, **2014**, 24, 18-38	3.6	70
386	On designing observers for time-delay systems with non-linear disturbances. *International Journal of Control*, **2002**, 75, 803-811	1.5	70

385	Feedback learning particle swarm optimization. *Applied Soft Computing Journal*, **2011**, 11, 4713-4725	7.5	68
384	On passivity and passification of stochastic fuzzy systems with delays: the discrete-time case. *IEEE Transactions on Systems, Man, and Cybernetics*, **2010**, 40, 964-9		67
383	Recursive Distributed Filtering for a Class of State-Saturated Systems With Fading Measurements and Quantization Effects. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 930-941	7.3	66
382	Event-Triggered Strategy Design for Discrete-Time Nonlinear Quadratic Games With Disturbance Compensations: The Noncooperative Case. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 1885-1896	7.3	66
381	Security-guaranteed filtering for discrete-time stochastic delayed systems with randomly occurring sensor saturations and deception attacks. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 1194-1208	3.6	66
380	Controllability of multi-agent systems with time-delay in state and switching topology. *International Journal of Control*, **2010**, 83, 371-386	1.5	66
379	Pinning controllability of autonomous Boolean control networks. *Science China Information Sciences* , **2016**, 59, 1	3.4	65
378	Neural networks with discrete and distributed time-varying delays: A general stability analysis. *Chaos, Solitons and Fractals*, **2008**, 37, 1538-1547	9.3	65
377	A Partial-Nodes-Based Information fusion approach to state estimation for discrete-Time delayed stochastic complex networks. *Information Fusion*, **2019**, 49, 240-248	16.7	64
376	Sampled-data consensus of nonlinear multiagent systems subject to cyber attacks. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 53-67	3.6	63
375	State estimation for a class of artificial neural networks with stochastically corrupted measurements under Round-Robin protocol. *Neural Networks*, **2016**, 77, 70-79	9.1	62
374	Exponential Synchronization for Delayed Dynamical Networks via Intermittent Control: Dealing With Actuator Saturations. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1000-1012	10.3	62
373	Filtering for uncertain 2-D discrete systems with state delays. *Signal Processing*, **2007**, 87, 2213-2230	4.4	62
372	Delay-Distribution-Dependent H State Estimation for Discrete-Time Memristive Neural Networks With Mixed Time-Delays and Fading Measurements. *IEEE Transactions on Cybernetics*, **2020**, 50, 440-451	10.2	62
371	A note on guaranteed cost control for nonlinear stochastic systems with input saturation and mixed time-delays. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 4443-4456	3.6	61
370	A delay-dependent approach to H filtering for stochastic delayed jumping systems with sensor non-linearities. *International Journal of Control*, **2007**, 80, 885-897	1.5	61
369	Machine Learning with Applications in Breast Cancer Diagnosis and Prognosis. *Designs*, **2018**, 2, 13	1.8	59
368	Set-membership filtering for time-varying complex networks with uniform quantisations over randomly delayed redundant channels. *International Journal of Systems Science*, **2020**, 51, 3364-3377	2.3	58

367	Communication-protocol-based analysis and synthesis of networked systems: progress, prospects and challenges. *International Journal of Systems Science*,1-22	2.3	58
366	Protocol-Based Unscented Kalman Filtering in the Presence of Stochastic Uncertainties. *IEEE Transactions on Automatic Control*, **2020**, 65, 1303-1309	5.9	58
365	Event-triggered distributed state estimation with randomly occurring uncertainties and nonlinearities over sensor networks: A delay-fractioning approach. *Journal of the Franklin Institute*, **2015**, 352, 3750-3763	4	57
364	H □and l2□□filtering for two-dimensional linear parameter-varying systems. *International Journal of Robust and Nonlinear Control*, **2007**, 17, 1129-1154	3.6	57
363	Event-Based Distributed Filtering With Stochastic Measurement Fading. *IEEE Transactions on Industrial Informatics*, **2015**, 11, 1643-1652	11.9	56
362	Leakage Fault Diagnosis for an Internet-Based Three-Tank System: An Experimental Study. *IEEE Transactions on Control Systems Technology*, **2012**, 20, 857-870	4.8	56
361	Fuzzy filtering of nonlinear fuzzy stochastic systems with time-varying delay. *Signal Processing*, **2009**, 89, 1739-1753	4.4	56
360	Stability analysis for discrete-time stochastic memristive neural networks with both leakage and probabilistic delays. *Neural Networks*, **2018**, 102, 1-9	9.1	55
359	Variance-constrained state estimation for networked multi-rate systems with measurement quantization and probabilistic sensor failures. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 3507-3523	3.6	55
358	Nonlinear filtering for state delayed systems with Markovian switching. *IEEE Transactions on Signal Processing*, **2003**, 51, 2321-2328	4.8	55
357	On ${mathcal H}_{infty }$ Finite-Horizon Filtering Under Stochastic Protocol: Dealing With High-Rate Communication Networks. *IEEE Transactions on Automatic Control*, **2017**, 62, 4884-4890	5.9	54
356	A new genetic algorithm approach to smooth path planning for mobile robots. *Assembly Automation*, **2016**, 36, 138-145	2.1	54
355	Sampled-data H□filtering for stochastic genetic regulatory networks. *International Journal of Robust and Nonlinear Control*, **2011**, 21, 1759-1777	3.6	54
354	Guaranteed cost control of switched systems with neutral delay via dynamic output feedback. *International Journal of Systems Science*, **2009**, 40, 717-728	2.3	54
353	Partial-Nodes-Based State Estimation for Complex Networks With Unbounded Distributed Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3906-3912	10.3	53
352	On design of quantized fault detection filters with randomly occurring nonlinearities and mixed time-delays. *Signal Processing*, **2012**, 92, 1117-1125	4.4	53
351	Distributed Filtering for Switched Nonlinear Positive Systems With Missing Measurements Over Sensor Networks. *IEEE Sensors Journal*, **2016**, 16, 4940-4948	4	53
350	Fault-Tolerant Control for an Internet-Based Three-Tank System: Accommodation to Sensor Bias Faults. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 2266-2275	8.9	52

349	Distributed fault detection for a class of second-order multi-agent systems: an optimal robust observer approach. *IET Control Theory and Applications*, **2014**, 8, 1032-1044	2.5	52
348	H sliding mode observer design for a class of nonlinear discrete time-delay systems: A delay-fractioning approach. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 1806-1826	3.6	52
347	Reliable filtering for discrete time-delay systems with randomly occurred nonlinearities via delay-partitioning method. *Signal Processing*, **2011**, 91, 713-727	4.4	52
346	Network-based fault detection for discrete-time state-delay systems: A new measurement model. *International Journal of Adaptive Control and Signal Processing*, **2008**, 22, 510-528	2.8	52
345	A Survey on Multisensor Fusion and Consensus Filtering for Sensor Networks. *Discrete Dynamics in Nature and Society*, **2015**, 2015, 1-12	1.1	51
344	Recent advances on distributed filtering for stochastic systems over sensor networks. *International Journal of General Systems*, **2014**, 43, 372-386	2.1	51
343	Optimal robust non-fragile Kalman-type recursive filtering with finite-step autocorrelated noises and multiple packet dropouts. *Aerospace Science and Technology*, **2011**, 15, 486-494	4.9	51
342	Active Fault-Tolerant Control for an Internet-Based Networked Three-Tank System. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 2150-2157	4.8	50
341	Multiobjective synchronization of coupled systems. *Chaos*, **2011**, 21, 025114	3.3	50
340	Robust H_infty Control for Discrete-Time Fuzzy Systems With Infinite-Distributed Delays. *IEEE Transactions on Fuzzy Systems*, **2009**, 17, 224-232	8.3	50
339	Global asymptotic stability of generalized bi-directional associative memory networks with discrete and distributed delays. *Chaos, Solitons and Fractals*, **2006**, 28, 793-803	9.3	50
338	Fuzzy Filtering With Randomly Occurring Parameter Uncertainties, Interval Delays, and Channel Fadings. *IEEE Transactions on Cybernetics*, **2014**, 44, 406-17	10.2	49
337	H_infty Fuzzy Control With Randomly Occurring Infinite Distributed Delays and Channel Fadings. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 189-200	8.3	49
336	Controller design for synchronization of an array of delayed neural networks using a controllable probabilistic PSO. *Information Sciences*, **2011**, 181, 4715-4732	7.7	49
335	Distributed state estimation for uncertain Markov-type sensor networks with mode-dependent distributed delays. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 331-346	3.6	47
334	Variance-constrained control for uncertain stochastic systems with missing measurements. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2005**, 35, 746-753		47
333	An Event-Triggered Pinning Control Approach to Synchronization of Discrete-Time Stochastic Complex Dynamical Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 5812-5822	10.3	46
332	New results on passivity analysis of uncertain neural networks with time-varying delays. *International Journal of Computer Mathematics*, **2010**, 87, 668-678	1.2	46

331	Robust passivity and passification of stochastic fuzzy time-delay systems. *Information Sciences*, **2010**, 180, 1725-1737	7.7	46
330	A Novel Framework for Backstepping-Based Control of Discrete-Time Strict-Feedback Nonlinear Systems With Multiplicative Noises. *IEEE Transactions on Automatic Control*, **2021**, 66, 1484-1496	5.9	46
329	Filtering and fault detection for nonlinear systems with polynomial approximation. *Automatica*, **2015**, 54, 348-359	5.7	45
328	Robust H_{2}/H_infty Model Predictive Control for Linear Systems With Polytopic Uncertainties Under Weighted MEF-TOD Protocol. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1470-1481	7.3	45
327	Probability-dependent gain-scheduled control for discrete stochastic delayed systems with randomly occurring nonlinearities. *International Journal of Robust and Nonlinear Control*, **2013**, 23, 815-826	3.6	45
326	Dissipative control for state-saturated discrete time-varying systems with randomly occurring nonlinearities and missing measurements. *International Journal of Control*, **2013**, 86, 674-688	1.5	44
325	Robust filtering for stochastic genetic regulatory networks with time-varying delay. *Mathematical Biosciences*, **2009**, 220, 73-80	3.9	44
324	An LMI approach to stability analysis of stochastic high-order Markovian jumping neural networks with mixed time delays. *Nonlinear Analysis: Hybrid Systems*, **2008**, 2, 110-120	4.5	44
323	Event-Based Distributed Filtering Over Markovian Switching Topologies. *IEEE Transactions on Automatic Control*, **2019**, 64, 1595-1602	5.9	43
322	Robust model predictive control under redundant channel transmission with applications in networked DC motor systems. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 3937-3957	3.6	43
321	state estimation for discrete-time memristive recurrent neural networks with stochastic time-delays. *International Journal of General Systems*, **2016**, 45, 633-647	2.1	43
320	. *Neurocomputing*, **2015**, 148, 388-396	5.4	42
319	Event-Based $H_infty $ State Estimation for Time-Varying Stochastic Dynamical Networks With State- and Disturbance-Dependent Noises. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 2382-2394	10.3	42
318	H filtering for uncertain time-varying systems with multiple randomly occurred nonlinearities and successive packet dropouts. *International Journal of Robust and Nonlinear Control*, **2011**, 21, 1693-1709	3.6	42
317	Observer-based H control for systems with repeated scalar nonlinearities and multiple packet losses. *International Journal of Robust and Nonlinear Control*, **2010**, 20, 1363-1378	3.6	42
316	On delay-dependent robust exponential stability of stochastic neural networks with mixed time delays and Markovian switching. *Nonlinear Dynamics*, **2008**, 54, 199-212	5	42
315	Robust . *Journal of Mathematical Analysis and Applications*, **2008**, 341, 318-336	1.1	41
314	A Constrained Optimization Approach to Dynamic State Estimation for Power Systems Including PMU and Missing Measurements. *IEEE Transactions on Control Systems Technology*, **2015**, 1-1	4.8	40

313	Tobit Kalman Filter With Time-Correlated Multiplicative Sensor Noises Under Redundant Channel Transmission. *IEEE Sensors Journal*, **2017**, 17, 8367-8377	4	40
312	Sliding mode control for uncertain discrete-time systems with Markovian jumping parameters and mixed delays. *Journal of the Franklin Institute*, **2014**, 351, 2185-2202	4	40
311	Tobit Kalman filter with fading measurements. *Signal Processing*, **2017**, 140, 60-68	4.4	39
310	Finite-Horizon H_{infty} Fault Estimation for Uncertain Linear Discrete Time-Varying Systems With Known Inputs. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2013**, 60, 902-906	3.5	39
309	Networked fault detection with random communication delays and packet losses. *International Journal of Systems Science*, **2008**, 39, 1045-1054	2.3	39
308	Position-Transitional Particle Swarm Optimization-incorporated Latent Factor Analysis. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	39
307	Optimal filtering for networked systems with stochastic sensor gain degradation. *Automatica*, **2014** , 50, 1521-1525	5.7	37
306	A sampled-data approach to distributed H∞ resilient state estimation for a class of nonlinear time-delay systems over sensor networks. *Journal of the Franklin Institute*, **2017**, 354, 7139-7157	4	37
305	Stochastic stability for distributed delay neural networks via augmented Lyapunov–Krasovskii functionals. *Applied Mathematics and Computation*, **2018**, 338, 869-881	2.7	36
304	Receding horizon filtering for a class of discrete time-varying nonlinear systems with multiple missing measurements. *International Journal of General Systems*, **2015**, 44, 198-211	2.1	36
303	Encoding-Decoding-Based control and filtering of networked systems: insights, developments and opportunities. *IEEE/CAA Journal of Automatica Sinica*, **2018**, 5, 3-18	7	35
302	Robust H ∞ sliding mode control for nonlinear stochastic systems with multiple data packet losses. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 473-491	3.6	35
301	A note on chaotic synchronization of time-delay secure communication systems. *Chaos, Solitons and Fractals*, **2008**, 38, 1217-1224	9.3	35
300	Moving horizon estimation with multirate measurements and correlated noises. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 7429-7445	3.6	35
299	Fault detection filter design for networked multi-rate systems with fading measurements and randomly occurring faults. *IET Control Theory and Applications*, **2016**, 10, 573-581	2.5	35
298	Probability-Dependent Gain-Scheduled Filtering for Stochastic Systems With Missing Measurements. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2011**, 58, 753-757	3.5	34
297	Robust H∞ control for a class of nonlinear stochastic systems with mixed time delay. *International Journal of Robust and Nonlinear Control*, **2007**, 17, 1525-1551	3.6	34
296	Robust H∞ control of stochastic time-delay jumping systems with nonlinear disturbances. *Optimal Control Applications and Methods*, **2006**, 27, 255-271	1.7	34

295	Set-Membership Filtering for State-Saturated Systems With Mixed Time-Delays Under Weighted Try-Once-Discard Protocol. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2019**, 66, 312-316	3.5	33
294	Almost sure H ∞ sliding mode control for nonlinear stochastic systems with Markovian switching and time-delays. *Neurocomputing*, **2016**, 175, 392-400	5.4	32
293	A game theory approach to mixed H2/H∞ control for a class of stochastic time-varying systems with randomly occurring nonlinearities. *Systems and Control Letters*, **2011**, 60, 1009-1015	2.4	32
292	Active Disturbance Rejection Control for the Ranger Neutral Buoyancy Vehicle: A Delta Operator Approach. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 9410-9420	8.9	31
291	Active disturbance rejection control for a pneumatic motion platform subject to actuator saturation: An extended state observer approach. *Automatica*, **2019**, 107, 353-361	5.7	31
290	Event-based distributed recursive filtering for state-saturated systems with redundant channels. *Information Fusion*, **2018**, 39, 96-107	16.7	31
289	Robust state estimation for two-dimensional stochastic time-delay systems with missing measurements and sensor saturation. *Multidimensional Systems and Signal Processing*, **2014**, 25, 157-177	1.8	31
288	Identification of Nonlinear Lateral Flow Immunoassay State-Space Models via Particle Filter Approach. *IEEE Nanotechnology Magazine*, **2012**, 11, 321-327	2.6	31
287	Monostability and multistability of genetic regulatory networks with different types of regulation functions. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 3170-3185	2.1	31
286	H state estimation for discrete-time neural networks with distributed delays and randomly occurring uncertainties through Fading channels. *Neural Networks*, **2017**, 89, 61-73	9.1	30
285	Event-triggered H∞ state estimation for state-saturated complex networks subject to quantization effects and distributed delays. *Journal of the Franklin Institute*, **2018**, 355, 2874-2891	4	30
284	On synchronization of coupled neural networks with discrete and unbounded distributed delays. *International Journal of Computer Mathematics*, **2008**, 85, 1299-1313	1.2	30
283	Sampled-data filtering with error covariance assignment. *IEEE Transactions on Signal Processing*, **2001**, 49, 666-670	4.8	30
282	Static output-feedback sliding mode control under round-robin protocol. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 5841-5857	3.6	30
281	Fault Detection for Fuzzy Systems With Multiplicative Noises Under Periodic Communication Protocols. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 2384-2395	8.3	29
280	Recursive filtering for state-saturated systems with randomly occurring nonlinearities and missing measurements. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 1715-1727	3.6	29
279	State estimation for discrete-time delayed neural networks with fractional uncertainties and sensor saturations. *Neurocomputing*, **2013**, 117, 64-71	5.4	29
278	Robust reliable control for discrete-time-delay systems with stochastic nonlinearities and multiplicative noises. *Optimal Control Applications and Methods*, **2011**, 32, 285-297	1.7	29

277	Fault detection for discrete-time systems in a networked environment. *International Journal of Systems Science*, **2010**, 41, 937-945	2.3	29
276	filtering for systems with repeated scalar nonlinearities under unreliable communication links. *Signal Processing*, **2009**, 89, 1567-1575	4.4	29
275	Fault estimation for complex networks with randomly varying topologies and stochastic inner couplings. *Automatica*, **2020**, 112, 108734	5.7	29
274	A Scalable Algorithm for Event-Triggered State Estimation With Unknown Parameters and Switching Topologies Over Sensor Networks. *IEEE Transactions on Cybernetics*, **2020**, 50, 4087-4097	10.2	29
273	Resilient Filtering for Linear Time-Varying Repetitive Processes Under Uniform Quantizations and Round-Robin Protocols. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2018**, 65, 2992-3004	3.9	28
272	Non-fragile H□control with randomly occurring gain variations, distributed delays and channel fadings. *IET Control Theory and Applications*, **2015**, 9, 222-231	2.5	28
271	Distributed state estimation in sensor networks with randomly occurring nonlinearities subject to time delays. *ACM Transactions on Sensor Networks*, **2012**, 9, 1-18	2.9	28
270	State estimation for delayed neural networks with stochastic communication protocol: The finite-time case. *Neurocomputing*, **2018**, 281, 86-95	5.4	28
269	An information aware event-triggered scheme for particle filter based remote state estimation. *Automatica*, **2019**, 103, 151-158	5.7	27
268	Delay-dependent stabilization of stochastic interval delay systems with nonlinear disturbances. *Systems and Control Letters*, **2007**, 56, 623-633	2.4	27
267	Detection of intermittent faults for nonuniformly sampled multi-rate systems with dynamic quantisation and missing measurements. *International Journal of Control*, **2020**, 93, 898-909	1.5	27
266	A new framework for consensus for discrete-time directed networks of multi-agents with distributed delays. *International Journal of Control*, **2012**, 85, 1755-1765	1.5	26
265	On multistability of delayed genetic regulatory networks with multivariable regulation functions. *Mathematical Biosciences*, **2010**, 228, 100-9	3.9	26
264	$mathcal{H}_{infty}$ PID Control With Fading Measurements: The Output-Feedback Case. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2170-2180	7.3	26
263	A Prediction-Based Approach to Distributed Filtering With Missing Measurements and Communication Delays Through Sensor Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	25
262	Distributed fault estimation with randomly occurring uncertainties over sensor networks. *International Journal of General Systems*, **2016**, 45, 662-674	2.1	25
261	Distributed H□state estimation for stochastic delayed 2-D systems with randomly varying nonlinearities over saturated sensor networks. *Information Sciences*, **2016**, 370-371, 708-724	7.7	25
260	Sliding mode control for a class of nonlinear discrete-time networked systems with multiple stochastic communication delays. *International Journal of Systems Science*, **2011**, 42, 661-672	2.3	25

259	On passivity and robust passivity for discrete-time stochastic neural networks with randomly occurring mixed time delays. *Neural Computing and Applications*, **2019**, 31, 65-78	4.8	25
258	Moving-Horizon Estimation for Linear Dynamic Networks With Binary Encoding Schemes. *IEEE Transactions on Automatic Control*, **2021**, 66, 1763-1770	5.9	25
257	State Estimation for Stochastic Time-Varying Boolean Networks. *IEEE Transactions on Automatic Control*, **2020**, 65, 5480-5487	5.9	24
256	An overview of stability analysis and state estimation for memristive neural networks. *Neurocomputing*, **2020**, 391, 1-12	5.4	24
255	Target Tracking for Wireless Localization Systems With Degraded Measurements and Quantization Effects. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 9687-9697	8.9	24
254	State-saturated H□filtering with randomly occurring nonlinearities and packet dropouts: the finite-horizon case. *International Journal of Robust and Nonlinear Control*, **2013**, 23, 1803-1821	3.6	24
253	Recent Advances on Recursive Filtering and Sliding Mode Design for Networked Nonlinear Stochastic Systems: A Survey. *Mathematical Problems in Engineering*, **2013**, 2013, 1-12	1.1	24
252	Robust stabilisation for a class of stochastic two-dimensional non-linear systems with time-varying delays. *IET Control Theory and Applications*, **2013**, 7, 1699-1710	2.5	24
251	Error-Constrained Filtering for a Class of Nonlinear Time-Varying Delay Systems With Non-Gaussian Noises. *IEEE Transactions on Automatic Control*, **2010**, 55, 2876-2882	5.9	24
250	Robust synchronisation of delayed neural networks with both linear and non-linear couplings. *International Journal of Systems Science*, **2009**, 40, 973-984	2.3	24
249	Recursive Filtering with Measurement Fading: A Multiple Description Coding Scheme. *IEEE Transactions on Automatic Control*, **2020**, 1-1	5.9	24
248	Mixed H/H State Estimation for Discrete-Time Switched Complex Networks With Random Coupling Strengths Through Redundant Channels. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 4130-4142	10.3	24
247	Ultimately Bounded Filtering Subject to Impulsive Measurement Outliers. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	24
246	State estimation and fault reconstruction with integral measurements under partially decoupled disturbances. *IET Control Theory and Applications*, **2018**, 12, 1520-1526	2.5	24
245	Delay-distribution-dependent state estimation for neural networks under stochastic communication protocol with uncertain transition probabilities. *Neural Networks*, **2020**, 130, 143-151	9.1	23
244	An event-triggered approach to distributed H□state estimation for state-saturated systems with randomly occurring mixed delays. *Journal of the Franklin Institute*, **2018**, 355, 3104-3121	4	23
243	A Gain-Scheduling Approach to Nonfragile $H_{infty }$ Fuzzy Control Subject to Fading Channels. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 142-154	8.3	23
242	A Survey on Distributed Filtering and Fault Detection for Sensor Networks. *Mathematical Problems in Engineering*, **2014**, 2014, 1-7	1.1	23

241	A fault detection scheme for linear discrete-time systems with an integrated online performance evaluation. *International Journal of Control*, **2014**, 87, 2511-2521	1.5	23
240	Finite-horizon H 2/H control for a class of nonlinear Markovian jump systems with probabilistic sensor failures. *International Journal of Control*, **2011**, 84, 1847-1857	1.5	23
239	Finite-horizon fault estimation under imperfect measurements and stochastic communication protocol: Dealing with finite-time boundedness. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 117-134	3.6	23
238	Variance-constrained H state estimation for time-varying multi-rate systems with redundant channels: The finite-horizon case. *Information Sciences*, **2019**, 501, 222-235	7.7	22
237	Decomposition approach to exponential synchronisation for a class of non-linear singularly perturbed complex networks. *IET Control Theory and Applications*, **2014**, 8, 1639-1647	2.5	22
236	On modeling and state estimation for genetic regulatory networks with polytopic uncertainties. *IEEE Transactions on Nanobioscience*, **2013**, 12, 13-20	3.4	22
235	Robust filtering for a class of nonlinear stochastic systems with probability constraints. *Automation and Remote Control*, **2016**, 77, 37-54	0.6	21
234	H fault estimation with randomly occurring uncertainties, quantization effects and successive packet dropouts: The finite-horizon case. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 2671-2686	3.6	21
233	Recursive Robust Filtering with Finite-Step Correlated Process Noises and Missing Measurements. *Circuits, Systems, and Signal Processing*, **2011**, 30, 1355-1368	2.2	21
232	Global synchronization in an array of discrete-time neural networks with nonlinear coupling and time-varying delays. *International Journal of Neural Systems*, **2009**, 19, 57-63	6.2	21
231	Robust H feedback control for uncertain stochastic delayed genetic regulatory networks with additive and multiplicative noise. *International Journal of Robust and Nonlinear Control*, **2010**, 20, 2093-2107	3.6	21
230	Fault detection for switched positive systems under successive packet dropouts with application to the Leslie matrix model. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 2807-2823	3.6	21
229	Finite-Horizon Distributed State Estimation Under Randomly Switching Topologies and Redundant Channels. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2938-2947	7.3	21
228	Event-triggered filtering and fault estimation for nonlinear systems with stochastic sensor saturations. *International Journal of Control*, **2017**, 90, 1052-1062	1.5	20
227	Delay-distribution-dependent H state estimation for delayed neural networks with (x,v)-dependent noises and fading channels. *Neural Networks*, **2016**, 84, 102-112	9.1	20
226	Output-Feedback Control for Nonlinear Stochastic Systems With Successive Packet Dropouts and Uniform Quantization Effects. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 1-11	7.3	20
225	State Estimation for Discrete-Time Neural Networks with Markov-Mode-Dependent Lower and Upper Bounds on the Distributed Delays. *Neural Processing Letters*, **2012**, 36, 1-19	2.4	20
224	Network-based robust fault detection with incomplete measurements. *International Journal of Adaptive Control and Signal Processing*, **2009**, 23, 737-756	2.8	20

223	State estimation under non-Gaussian L□y and time-correlated additive sensor noises: A modified Tobit Kalman filtering approach. *Signal Processing*, **2019**, 154, 120-128	4.4	20
222	Finite-horizon H□filtering for switched time-varying stochastic systems with random sensor nonlinearities and packet dropouts. *Signal Processing*, **2017**, 138, 138-145	4.4	19
221	Detection, isolation and diagnosability analysis of intermittent faults in stochastic systems. *International Journal of Control*, **2018**, 91, 480-494	1.5	19
220	Non-Fragile Distributed Fault Estimation for a Class of Nonlinear Time-Varying Systems Over Sensor Networks: The Finite-Horizon Case. *IEEE Transactions on Signal and Information Processing Over Networks*, **2019**, 5, 61-69	2.8	19
219	Analysis on passivity and passification of T-S fuzzy systems with time-varying delays. *Journal of Intelligent and Fuzzy Systems*, **2013**, 24, 21-30	1.6	19
218	A class of observer-based fault diagnosis schemes under closed-loop control: performance evaluation and improvement. *IET Control Theory and Applications*, **2017**, 11, 135-141	2.5	19
217	Robust filtering for gene expression time series data with variance constraints. *International Journal of Computer Mathematics*, **2007**, 84, 619-633	1.2	19
216	Local design of distributed H□consensus filtering over sensor networks under multiplicative noises and deception attacks. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 2296-2314	3.6	18
215	Recursive Filtering for Time-Varying Systems With Random Access Protocol. *IEEE Transactions on Automatic Control*, **2018**, 1-1	5.9	18
214	Probability-Guaranteed Distributed Filtering for Nonlinear Systems With Innovation Constraints Over Sensor Networks. *IEEE Transactions on Control of Network Systems*, **2021**, 8, 951-963	4	18
213	Synchronization Control for Discrete-Time-Delayed Dynamical Networks With Switching Topology Under Actuator Saturations. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 2040-2053	10.2	18
212	An Adaptive Memetic Algorithm With Rank-Based Mutation for Artificial Neural Network Architecture Optimization. *IEEE Access*, **2017**, 5, 18895-18908	3.5	17
211	H□finite-horizon filtering for complex networks with state saturations: The weighted try-once-discard protocol. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 2096-2111	3.6	17
210	Event-based input and state estimation for linear discrete time-varying systems. *International Journal of Control*, **2018**, 91, 101-113	1.5	17
209	Particle filtering with applications in networked systems: a survey. *Complex & Intelligent Systems*, **2016**, 2, 293-315	7.1	17
208	Output-feedback H2□H□consensus control for stochastic time-varying multi-agent systems with (x,u,v)-dependent noises. *Systems and Control Letters*, **2017**, 107, 58-67	2.4	17
207	Reliable H□filtering for discrete time-delay Markovian jump systems with partly unknown transition probabilities. *International Journal of Adaptive Control and Signal Processing*, **2011**, 25, 554-570	2.8	17
206	ON SYNCHRONIZATION OF DISCRETE-TIME MARKOVIAN JUMPING STOCHASTIC COMPLEX NETWORKS WITH MODE-DEPENDENT MIXED TIME-DELAYS. *International Journal of Modern Physics B*, **2009**, 23, 411-434	1.1	17

205	Position tracking and attitude control for quadrotors via active disturbance rejection control method. *Science China Information Sciences*, **2019**, 62, 1	3.4	17
204	Collaborative fusion estimation over wireless sensor networks for monitoring CO2 concentration in a greenhouse. *Information Fusion*, **2018**, 42, 119-126	16.7	17
203	Protocol-based state estimation for delayed Markovian jumping neural networks. *Neural Networks*, **2018**, 108, 355-364	9.1	17
202	Preface to the special issue on event-based analysis and synthesis for general systems. *International Journal of General Systems*, **2018**, 47, 395-400	2.1	16
201	A novel neural network approach to cDNA microarray image segmentation. *Computer Methods and Programs in Biomedicine*, **2013**, 111, 189-98	6.9	16
200	Robust L2□□control of uncertain differential linear repetitive processes. *Systems and Control Letters*, **2008**, 57, 425-435	2.4	16
199	H□state estimation for multi-rate artificial neural networks with integral measurements: A switched system approach. *Information Sciences*, **2020**, 539, 434-446	7.7	15
198	Nonfragile H□filtering for discrete multirate time-delayed systems over sensor networks characterized by Gilbert-Elliott models. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 3194-3214	3.6	15
197	An N-State Markovian Jumping Particle Swarm Optimization Algorithm. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-13	7.3	15
196	Mobile robot localization using robust extended H□filtering. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2009**, 223, 1067-1080	1	15
195	On Global Stability of Delayed BAM Stochastic Neural Networks with Markovian Switching. *Neural Processing Letters*, **2009**, 30, 19-35	2.4	15
194	Global asymptotic stability of uncertain stochastic bi-directional associative memory networks with discrete and distributed delays. *Mathematics and Computers in Simulation*, **2009**, 80, 490-505	3.3	15
193	H □Reliable Control of Uncertain Linear State Delayed Systems. *Journal of Dynamical and Control Systems*, **2004**, 10, 55-76	1.1	15
192	Dynamic event-based state estimation for delayed artificial neural networks with multiplicative noises: A gain-scheduled approach. *Neural Networks*, **2020**, 132, 211-219	9.1	15
191	Finite-horizon quantizedH□filter design for a class of time-varying systems under event-triggered transmissions. *Systems and Control Letters*, **2017**, 103, 38-44	2.4	14
190	A Variance-Constrained Approach to Recursive Filtering for Nonlinear 2-D Systems With Measurement Degradations. *IEEE Transactions on Cybernetics*, **2018**, 48, 1877-1887	10.2	14
189	Recent advances on state estimation for power grids with unconventional measurements. *IET Control Theory and Applications*, **2017**, 11, 3221-3232	2.5	14
188	State estimation for networked systems with randomly occurring quantisations. *International Journal of Systems Science*, **2013**, 44, 1253-1263	2.3	14

187	Robust stability of delayed genetic regulatory networks with different sources of uncertainties. *Asian Journal of Control*, **2011**, 13, 645-654	1.7	13
186	Stability criteria for periodic neural networks with discrete and distributed delays. *Nonlinear Dynamics*, **2007**, 49, 93-103	5	13
185	Recursive state estimation for two-dimensional shift-varying systems with random parameter perturbation and dynamical bias. *Automatica*, **2020**, 112, 108658	5.7	13
184	A Dynamic Event-Triggered Approach to H□Control for Discrete-Time Singularly Perturbed Systems With Time-Delays and Sensor Saturations. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	12
183	Distributed quantized multi-modal H□fusion filtering for two-time-scale systems. *Information Sciences*, **2018**, 432, 572-583	7.7	12
182	Asynchronous observer-basedH□ontrol for switched stochastic systems with mixed delays under quantization and packet dropouts. *Nonlinear Analysis: Hybrid Systems*, **2018**, 27, 225-238	4.5	12
181	State Estimation for Communication-Based Train Control Systems With CSMA Protocol. *IEEE Transactions on Intelligent Transportation Systems*, **2019**, 20, 843-854	6.1	12
180	State estimation over non-acknowledgment networks with Markovian packet dropouts. *Automatica* , **2019**, 109, 108484	5.7	12
179	Error-constrained finite-horizon tracking control with incomplete measurements and bounded noises. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 223-238	3.6	12
178	Recent Advances on Filtering and Control for Nonlinear Stochastic Complex Systems with Incomplete Information: A Survey. *Mathematical Problems in Engineering*, **2012**, 2012, 1-16	1.1	12
177	50 Years of international journal of systems science: a review of the past and trends for the future. *International Journal of Systems Science*, **2021**, 52, 1515-1538	2.3	12
176	On Boundedness of Error Covariances for Kalman Consensus Filtering Problems. *IEEE Transactions on Automatic Control*, **2020**, 65, 2654-2661	5.9	12
175	A PSO-based deep learning approach to classifying patients from emergency departments. *International Journal of Machine Learning and Cybernetics*, **2021**, 12, 1939	3.8	12
174	(H_{infty }) state estimation for discrete-time stochastic memristive BAM neural networks with mixed time-delays. *International Journal of Machine Learning and Cybernetics*, **2019**, 10, 771-785	3.8	12
173	Distributed sampled-data containment control of linear multi-agent systems with fixed topology. *IET Control Theory and Applications*, **2017**, 11, 2299-2306	2.5	11
172	Two-stage particle filtering for non-Gaussian state estimation with fading measurements. *Automatica*, **2020**, 115, 108882	5.7	11
171	l-l state estimation for delayed artificial neural networks under high-rate communication channels with Round-Robin protocol. *Neural Networks*, **2020**, 124, 170-179	9.1	11
170	Consensus control for nonlinear multi-agent systems subject to deception attacks **2016**,		11

169	Analysis and synchronization of complex networks. *International Journal of Systems Science*, **2009**, 40, 905-907	2.3	11
168	An Event-Triggering Approach to Recursive Filtering for Complex Networks With State Saturations and Random Coupling Strengths. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 4279-4289	10.3	11
167	Recursive distributed filtering for two-dimensional shift-varying systems over sensor networks under stochastic communication protocols. *Automatica*, **2020**, 115, 108865	5.7	10
166	Nonlinear Stochastic Systems with Incomplete Information **2013**,		10
165	Reliable stabilization of stochastic time-delay systems with nonlinear disturbances. *International Journal of General Systems*, **2005**, 34, 523-535	2.1	10
164	Output Feedback Robust H∞ Control with D-Stability and Variance Constraints: Parametrization Approach. *Journal of Dynamical and Control Systems*, **2005**, 11, 263-280	1.1	10
163	Reliable H∞ filtering for stochastic spatial–temporal systems with sensor saturations and failures. *IET Control Theory and Applications*, **2015**, 9, 2590-2597	2.5	10
162	H∞ filtering for multi-rate multi-sensor systems with randomly occurring sensor saturations under the p -persistent CSMA protocol. *IET Control Theory and Applications*, **2020**, 14, 1255-1265	2.5	10
161	Protocol-based extended Kalman filtering with quantization effects: The Round-Robin case. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 7927-7946	3.6	10
160	H and l-l state estimation for delayed memristive neural networks on finite horizon: The Round-Robin protocol. *Neural Networks*, **2020**, 132, 121-130	9.1	10
159	Robust synchronization of complex networks with uncertain couplings and incomplete information. *International Journal of General Systems*, **2016**, 45, 589-603	2.1	10
158	Protocol-Based Tobit Kalman Filter Under Integral Measurements and Probabilistic Sensor Failures. *IEEE Transactions on Signal Processing*, **2021**, 69, 546-559	4.8	10
157	Anti-disturbance filter design for a class of stochastic systems with fading channels. *Science China Information Sciences*, **2020**, 63, 1	3.4	9
156	PID output-feedback control under event-triggered protocol. *International Journal of General Systems*, **2018**, 47, 432-445	2.1	9
155	filtering for non-linear systems with stochastic sensor saturations and Markov time delays: the asymptotic stability in probability. *IET Control Theory and Applications*, **2016**, 10, 1706-1715	2.5	9
154	Reliable H ∞ control for discrete uncertain time-delay systems with randomly occurring nonlinearities: the output feedback case. *International Journal of Systems Science*, **2011**, 42, 809-820	2.3	9
153	Robust H∞ control for uncertain discrete-time systems with probabilistic state delays. *Asian Journal of Control*, **2009**, 11, 503-516	1.7	9
152	Scalable Distributed Filtering for a Class of Discrete-Time Complex Networks Over Time-Varying Topology. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2930-2941	10.3	9

151	$H_{infty }$ State Estimation for Coupled Stochastic Complex Networks With Periodical Communication Protocol and Intermittent Nonlinearity Switching. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1414-1425	4.9	9
150	Consensus Control of Linear Multiagent Systems Under Actuator Imperfection: When Saturation Meets Fault. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-13	7.3	9
149	Distributed Auxiliary Particle Filtering With Diffusion Strategy for Target Tracking: A Dynamic Event-Triggered Approach. *IEEE Transactions on Signal Processing*, **2021**, 69, 328-340	4.8	9
148	Fault-Tolerant Consensus Control for Multi-agent Systems: An Encryption-Decryption Scheme. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	9
147	Federated Tobit Kalman Filtering Fusion With Dead-Zone-Like Censoring and Dynamical Bias Under the Round-Robin Protocol. *IEEE Transactions on Signal and Information Processing Over Networks*, **2021**, 7, 1-16	2.8	9
146	Dynamic self-triggered output-feedback control for nonlinear stochastic systems with time delays. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 3786-3800	3.6	8
145	A Survey on Filtering Issues for Two-Dimensional Systems: Advances and Challenges. *International Journal of Control, Automation and Systems*, **2020**, 18, 629-642	2.9	8
144	Quantised polynomial filtering for nonlinear systems with missing measurements. *International Journal of Control*, **2018**, 91, 2250-2260	1.5	8
143	A Survey on Gain-Scheduled Control and Filtering for Parameter-Varying Systems. *Discrete Dynamics in Nature and Society*, **2014**, 2014, 1-10	1.1	8
142	Robust sliding mode design for uncertain stochastic systems based on H□control method. *Optimal Control Applications and Methods*, **2010**, 31, 93-104	1.7	8
141	On designing robust controllers under randomly varying sensor delay with variance constraints. *International Journal of General Systems*, **2006**, 35, 1-15	2.1	8
140	On Adaptive Learning Framework for Deep Weighted Sparse Autoencoder: A Multiobjective Evolutionary Algorithm. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	8
139	Un-supervised and semi-supervised hand segmentation in egocentric images with noisy label learning. *Neurocomputing*, **2019**, 334, 11-24	5.4	8
138	Particle Filtering for Nonlinear/Non-Gaussian Systems With Energy Harvesting Sensors Subject to Randomly Occurring Sensor Saturations. *IEEE Transactions on Signal Processing*, **2021**, 69, 15-27	4.8	8
137	UKF-based remote state estimation for discrete artificial neural networks with communication bandwidth constraints. *Neural Networks*, **2018**, 108, 393-398	9.1	8
136	Recursive resilient filtering for nonlinear stochastic systems with packet disorders. *Journal of the Franklin Institute*, **2020**, 357, 4817-4833	4	7
135	Distributed parameter estimation in unreliable sensor networks via broadcast gossip algorithms. *Neural Networks*, **2016**, 73, 1-9	9.1	7
134	Event-triggered consensus control for a class of discrete-time stochastic multi-agent systems **2014**,		7

133	Tobit Kalman filtering for fractional-order systems with stochastic nonlinearities under Round-Robin protocol. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 2348-2370	3.6	7
132	Minimum-Variance Recursive Filtering for Two-Dimensional Systems With Degraded Measurements: Boundedness and Monotonicity. *IEEE Transactions on Automatic Control*, **2019**, 64, 4153-4166	5.9	6
131	A Review on Analysis and Synthesis of Nonlinear Stochastic Systems with Randomly Occurring Incomplete Information. *Mathematical Problems in Engineering*, **2012**, 2012, 1-15	1.1	6
130	Multi-Sensor Filtering Fusion With Parametric Uncertainties and Measurement Censoring: Monotonicity and Boundedness. *IEEE Transactions on Signal Processing*, **2021**, 69, 5875-5890	4.8	6
129	Scalable consensus filtering for uncertain systems over sensor networks with Round-Robin protocol. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 1051-1066	3.6	6
128	Resilient Actuator Fault Estimation for Discrete-Time Complex Networks: A Distributed Approach. *IEEE Transactions on Automatic Control*, **2021**, 66, 4214-4221	5.9	6
127	Encryption□decryption-based consensus control for multi-agent systems: Handling actuator faults. *Automatica*, **2021**, 134, 109908	5.7	6
126	EGEP: An Event Tracker Enhanced Gene Expression Programming for Data Driven System Engineering Problems. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2019**, 3, 117-126	4.1	5
125	Recursive fusion estimation for stochastic discrete time-varying complex networks under stochastic communication protocol: The state-saturated case. *Information Fusion*, **2020**, 60, 11-19	16.7	5
124	Event-based recursive filtering for a class of nonlinear stochastic parameter systems over fading channels. *International Journal of General Systems*, **2018**, 47, 401-415	2.1	5
123	Distributed estimation and control for general systems. *International Journal of General Systems*, **2014**, 43, 247-253	2.1	5
122	Dynamics analysis of gene regulatory networks. *International Journal of Systems Science*, **2010**, 41, 1-4	2.3	5
121	Guest Editorial Foreword to the Special Issue on Intelligent Computation for Bioinformatics. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2008**, 38, 1-2		5
120	State estimation for time-delay systems with probabilistic sensor gain reductions. *Asia-Pacific Journal of Chemical Engineering*, **2008**, 3, 712-716	1.3	5
119	Distributed State Estimation Under Random Parameters and Dynamic Quantizations Over Sensor Networks: A Dynamic Event-Based Approach. *IEEE Transactions on Signal and Information Processing Over Networks*, **2020**, 6, 732-743	2.8	5
118	Event-Triggered Set-Membership State Estimation for Complex Networks: A Zonotopes-Based Method. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	5
117	Nonfragile H State Estimation for Recurrent Neural Networks With Time-Varying Delays: On Proportional-Integral Observer Design. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 3553-3565	10.3	5
116	Recursive Set-Membership State Estimation Over a FlexRay Network. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-11	7.3	5

115	Data-driven Dynamical Control for Bottom-up Energy Internet System. *IEEE Transactions on Sustainable Energy*, **2021**, 1-1	8.2	5
114	Probability-Guaranteed Distributed Secure Estimation for Nonlinear Systems Over Sensor Networks Under Deception Attacks on Innovations. *IEEE Transactions on Signal and Information Processing Over Networks*, **2021**, 7, 465-477	2.8	5
113	Non-fragile H_{infty} state estimation for discrete-time complex networks with randomly occurring time-varying delays and channel fadings. *IMA Journal of Mathematical Control and Information*, **2019**, 36, 247-269	1.1	4
112	Nonlinear Stochastic Systems with Network-Induced Phenomena **2015**,		4
111	Delay-distribution-dependent non-fragile state estimation for discrete-time neural networks under event-triggered mechanism. *Neural Computing and Applications*, **2019**, 31, 7245-7256	4.8	4
110	Analysis and control with randomly occurring incomplete information. *International Journal of Systems Science*, **2014**, 45, 1333-1336	2.3	4
109	Event-triggered fault estimation for nonlinear systems with missing measurements **2014**,		4
108	ROBUST SYNCHRONIZATION OF A CLASS OF COUPLED DELAYED NETWORKS WITH MULTIPLE STOCHASTIC DISTURBANCES: THE CONTINUOUS-TIME CASE. *International Journal of Modern Physics B*, **2011**, 25, 757-780	1.1	4
107	Electric vehicle charging station planning with dynamic prediction of elastic charging demand: a hybrid particle swarm optimization algorithm. *Complex & Intelligent Systems*,1	7.1	4
106	Dynamic event-based recursive filtering for multirate systems with integral measurements over sensor networks. *International Journal of Robust and Nonlinear Control*, **2022**, 32, 1374	3.6	4
105	State Estimation under Joint False Data Injection Attacks: Dealing with Constraints and Insecurity. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	4
104	Event-triggered stabilisation for switched delayed differential systems: the input-to-state stability. *IET Control Theory and Applications*, **2020**, 14, 1711-1721	2.5	4
103	Resilient H State Estimation for Discrete-Time Stochastic Delayed Memristive Neural Networks: A Dynamic Event-Triggered Mechanism. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
102	Partial-Nodes-Based State Estimation for Complex Networks With Constrained Bit Rate. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1887-1899	4.9	4
101	A Collaborative-Filtering-Based Data Collection Strategy for Friedreich Ataxia. *Cognitive Computation*, **2020**, 12, 249-260	4.4	4
100	Robust fusion filtering over multisensor systems with energy harvesting constraints. *Automatica*, **2021**, 131, 109782	5.7	4
99	Almost sure state estimation with H2-type performance constraints for nonlinear hybrid stochastic systems. *Nonlinear Analysis: Hybrid Systems*, **2016**, 19, 26-37	4.5	3
98	Robust reliable . *Journal of the Franklin Institute*, **2015**, 352, 2280-2296	4	3

97	Event-triggered resilient filtering with missing measurements **2016**,		3
96	Feedback Stabilization of Networked Systems over Fading Channels with Resource Allocation. *IFAC-PapersOnLine*, **2015**, 48, 363-367	0.7	3
95	Finite-Horizon Distributed H∞ Fault Estimation for Time-Varying Systems in Sensor Networks: A Krein-Space Approach. *IFAC-PapersOnLine*, **2015**, 48, 48-53	0.7	3
94	Consensus control for a class of second-order multi-agent systems: An iterative learning approach **2013**,		3
93	Event-based filtering with individual triggering thresholds in wireless sensor network: Distributed detectability analysis **2015**,		3
92	Complex networks. *International Journal of Computer Mathematics*, **2008**, 85, 1161-1164	1.2	3
91	Outlier-Resistant Filtering With Dead-Zone-Like Censoring Under Try-Once-Discard Protocol. *IEEE Transactions on Signal Processing*, **2022**, 70, 714-728	4.8	3
90	A Hierarchical Game Approach to the Coupled Resilient Control of CPS against Denial-of-Service Attack **2019**,		3
89	Dynamic output-feedback control for discrete time-delayed systems with actuator saturations under round-robin communication protocol. *International Journal of Robust and Nonlinear Control*,	3.6	3
88	A Recursive Algorithm for Secure Filtering for Two-Dimensional State-Saturated Systems under Network-based Deception Attacks. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	3
87	On Synchronization of Coupled Delayed Neural Networks. *Studies in Computational Intelligence*, **2009**, 117-149	0.8	3
86	On mean-square H∞ control for discrete-time nonlinear stochastic systems with (x, u, v)-dependent noises. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 882-893	3.6	3
85	Necessary and Sufficient Conditions for Fault Diagnosability of Linear Open- and Closed-Loop Stochastic Systems under Sensor and Actuator Faults. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	3
84	Fault Diagnosis and Application to Modern Systems 2018. *Journal of Control Science and Engineering*, **2018**, 2018, 1-3	1.2	3
83	Recursive State Estimation for Stochastic Complex Networks Under Round-Robin Communication Protocol: Handling Packet Disorders. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 2455-2468	4.9	3
82	A New GAN-Based Approach to Data Augmentation and Image Segmentation for Crack Detection in Thermal Imaging Tests. *Cognitive Computation*, **2021**, 13, 1263	4.4	3
81	State estimation for a class of nonlinear discrete-time complex networks subject to false data injection attacks **2015**,		2
80	Fault Diagnosis and Application to Modern Systems. *Journal of Control Science and Engineering*, **2017**, 2017, 1-3	1.2	2

79	Security analysis of stochastic networked control systems under false data injection attacks **2016**,		2
78	**2015**,		2
77	Event-triggered H∞ filtering for networked systems with fading channels **2014**,		2
76	Event-triggered state estimation for a class of nonlinear stochastic systems with mixed time delays **2014**,		2
75	**2012**,		2
74	Variance-Constrained Multiobjective Control and Filtering for Nonlinear Stochastic Systems: A Survey. *Abstract and Applied Analysis*, **2013**, 2013, 1-13	0.7	2
73	Robust H∞ control of time-varying systems with stochastic non-linearities: The finite-horizon case. *Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering*, **2010**, 224, 575-585	1	2
72	Robust Fault-Tolerant Control for a Class of Nonlinear Stochastic Systems With Variance Constraints. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, **2010**, 132,	1.6	2
71	Robust control for a class of nonlinear networked systems with stochastic communication delays via sliding mode conception. *Journal of Control Theory and Applications*, **2010**, 8, 34-39		2
70	Robust H2/H∞ Filtering for Uncertain Systems with Missing Measurement **2006**,		2
69	Two-stage deep regression enhanced depth estimation from a single RGB image. *IEEE Transactions on Emerging Topics in Computing*, **2020**, 1-1	4.1	2
68	A novel PID-like particle swarm optimizer: on terminal convergence analysis. *Complex & Intelligent Systems*,1	7.1	2
67	Protocol-Based Fusion Estimator Design for State-Saturated Systems with Dead-Zone-Like Censoring under Deception Attacks. *IEEE Transactions on Signal and Information Processing Over Networks*, **2021**, 1-1	2.8	2
66	Event-Triggered Cost-Guaranteed Control for Linear Repetitive Processes under Probabilistic Constraints. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	2
65	A Resilient Approach to Recursive Distributed Filtering for Multirate Systems Over Sensor Networks With Time-Correlated Fading Channels. *IEEE Transactions on Signal and Information Processing Over Networks*, **2021**, 7, 636-647	2.8	2
64	Observer-based sliding mode control for state-saturated systems under weighted try-once-discard protocol. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 7991-8006	3.6	2
63	Multi-task Pruning via Filter Index Sharing: A Many-Objective Optimization Approach. *Cognitive Computation*, **2021**, 13, 1070-1084	4.4	2
62	An improved generative adversarial network with modified loss function for crack detection in electromagnetic nondestructive testing. *Complex & Intelligent Systems*,1	7.1	2

61	Local Stabilization for Multiple Input-Delay Systems subject to Saturating Actuators: The Continuous-time Case. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	2
60	On State Estimation for Discrete Time-Delayed Memristive Neural Networks Under the WTOD Protocol: A Resilient Set-Membership Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-11	7.3	2
59	State-of-charge estimation for Li-ion batteries with uncertain parameters and uncorrelated/correlated noises: a recursive approach. *International Journal of Systems Science*, **2021**, 52, 1675-1691	2.3	2
58	Distributed Filtering for Complex Networks under Multiple Event-Triggered Transmissions within Node-Wise Communications. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	2
57	On general systems with randomly occurring incomplete information. *International Journal of General Systems*, **2016**, 45, 479-485	2.1	1
56	Distributed optimization for multiagent systems over general strongly connected digraph **2017**,		1
55	PD-type H consensus control for discrete-time stochastic multi-agent systems **2017**,		1
54	H state estimation for discrete time-delayed stochastic genetic regulatory networks with known sojourn probabilities **2017**,		1
53	Event-based state estimation for a class of nonlinear discrete-time complex networks with stochastic noises **2015**,		1
52	Analysis, Filtering, and Control for Takagi-Sugeno Fuzzy Models in Networked Systems. *Abstract and Applied Analysis*, **2015**, 2015, 1-8	0.7	1
51	Nonlinear Analysis of Dynamical Complex Networks 2014. *Abstract and Applied Analysis*, **2014**, 2014, 1-4	0.7	1
50	Event-based filtering for discrete time-varying systems **2014**,		1
49	Dynamic output feedback control for discrete-time stochastic nonlinear systems with adversaries **2014**,		1
48	Quantized H Control for Time-Delay Systems with Missing Measurements **2013**, 15-48		1
47	Mathematical Problems for Complex Networks. *Mathematical Problems in Engineering*, **2012**, 2012, 1-5	1.1	1
46	Fault Detection for Networked Systems with Incomplete Measurements. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 13557-13562		1
45	Microarray subgrid detection: a novel algorithm. *International Journal of Computer Mathematics*, **2007**, 84, 669-678	1.2	1
44	Locally Minimum-Variance Filtering of 2-D Systems Over Sensor Networks With Measurement Degradations: A Distributed Recursive Algorithm. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1

43	MOI-Based Stratified Crack Detection: A PCA Approach* **2019**,		1
42	Proportional-Integral Observer Design for Uncertain Time-Delay Systems Subject to Deception Attacks: An Outlier-Resistant Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems* , **2021**, 1-13	7.3	1
41	Empower parameterized generative adversarial networks using a novel particle swarm optimizer: algorithms and applications. *International Journal of Machine Learning and Cybernetics*, **2022**, 13, 1145	3.8	1
40	(H_infty) Sliding Mode Observer Design for Nonlinear Time Delay Systems **2015**, 119-142		1
39	Distributed H Consensus Filtering in Sensor Networks **2013**, 119-138		1
38	Prediction-based Optimal Distributed Filtering with Communication Delay over Sensor Networks **2019**,		1
37	proportional integral observer design for systems with mixed time-delays under round obin protocol. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 887-906	3.6	1
36	Model Evaluation of the Stochastic Boolean Control Networks. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	1
35	Distributed Recursive Filtering over Sensor Networks with Non-Logarithmic Sensor Resolution. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	1
34	Outlier-Resistant Observer-Based Control for a Class of Networked Systems Under Encoding ecoding Mechanism. *IEEE Systems Journal*, **2021**, 1-11	4.3	1
33	Secure Particle Filtering for Cyber-Physical Systems With Binary Sensors Under Multiple Attacks. *IEEE Systems Journal*, **2021**, 1-11	4.3	1
32	Non-Fragile Dissipative Fuzzy PID Control with Mixed Fading Measurements. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	1
31	Communication-protocol-based distributed filtering for general systems over sensor networks: developments and challenges. *International Journal of General Systems*,1-23	2.1	1
30	Probability-constrained analysis, filtering and control. *International Journal of Systems Science*, **2013** , 44, 1189-1192	2.3	0
29	Minimum-Variance State and Fault Estimation for Multi-Rate Systems with Dynamical Bias. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	0
28	Moving-Horizon Estimation with Binary Encoding Schemes. *Studies in Systems, Decision and Control*, **2019**, 195-219	0.8	0
27	Two approaches to partial-nodes-based state estimation for delayed complex networks with intermittent measurement transmissions. *Information Fusion*, **2021**, 76, 315-322	16.7	0
26	H-infinity PID Control for Discrete-Time Fuzzy Systems with Infinite-Distributed Delays under Round-Robin Communication Protocol. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	0

25	Distributed Filtering Under Constrained Bit Rate Over Wireless Sensor Networks: Dealing with Bit Rate Allocation Protocol. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	0
24	On general systems with network-enhanced complexities. *International Journal of General Systems*, **2015**, 44, 123-128	2.1	
23	Sliding Mode Control with Randomly Occurring Uncertainties and Mixed Time Delays **2015**, 179-216		
22	Networked Systems with Incomplete Information. *Abstract and Applied Analysis*, **2015**, 2015, 1-4	0.7	
21	Filtering and Control for Unreliable Communication 2015. *Discrete Dynamics in Nature and Society*, **2015**, 2015, 1-3	1.1	
20	Filtering and Control for Unreliable Communication: The Discrete-Time Case. *Discrete Dynamics in Nature and Society*, **2014**, 2014, 1-3	1.1	
19	Performance Analysis with Network-Enhanced Complexities: On Fading Measurements, Event-Triggered Mechanisms, and Cyber Attacks. *Abstract and Applied Analysis*, **2014**, 2014, 1-10	0.7	
18	Corrigendum to Error-constrained finite-horizon tracking control with incomplete measurements and bounded noises[International Journal of Robust and Nonlinear Control, 2012; 22(2): 223238]. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 239-240	3.6	
17	Mathematical Control of Complex Systems. *Mathematical Problems in Engineering*, **2013**, 2013, 1-4	1.1	
16	Special issue for analysis and control of complex systems: guest editorial. *International Journal of General Systems*, **2006**, 35, 255-258	2.1	
15	State estimation for systems with unobservable packet losses: Approximate estimation, stability, and performance analysis. *International Journal of Robust and Nonlinear Control*, **2022**, 32, 545	3.6	
14	Event-Based Recursive Distributed Filtering. *Studies in Systems, Decision and Control*, **2019**, 117-134	0.8	
13	Consensus-Based Recursive Distributed Filtering. *Studies in Systems, Decision and Control*, **2019**, 159-172	0.8	
12	Event-Based Distributed Filtering of Continuous-Time Nonlinear Systems. *Studies in Systems, Decision and Control*, **2019**, 77-98	0.8	
11	Sliding Mode Control with Time-Varying Delays´and Randomly Occurring Nonlinearities **2015**, 143-177		
10	Recursive Filtering with Missing Measurements and Quantized Effects **2015**, 23-61		
9	HFuzzy Control for Systems with Repeated Scalar Nonlinearities **2009**, 51-65		
8	Event-Based (H_infty) Consensus Control of Multi-agent Systems. *Studies in Systems, Decision and Control*, **2019**, 37-56	0.8	

7	Maximum-correntropy-based Kalman filtering for time-varying systems with randomly occurring uncertainties: An event-triggered approach. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 1582-1599	3.6
6	Bounded $$H_{infty }$$ Synchronization and $$H_{infty }$$ Filtering for Discrete-Time Complex Networks. *Studies in Systems, Decision and Control*, **2022**, 191-212	0.8
5	Distributed $$H_{infty }$$ Filtering for Discrete-Time Piecewise Linear Systems. *Studies in Systems, Decision and Control*, **2022**, 25-41	0.8
4	Consensus Filtering with Stochastic Nonlinearities and Multiple Missing Measurements. *Studies in Systems, Decision and Control*, **2022**, 43-58	0.8
3	Distributed Resilient Filtering for Time-Delayed Systems with Stochastic Perturbations. *Studies in Systems, Decision and Control*, **2022**, 143-169	0.8
2	Set-Membership Filtering under Round-Robin Protocol and Try-Once-Discard Protocol. *Studies in Systems, Decision and Control*, **2022**, 87-105	0.8
1	Remote Estimation for Energy Harvesting Systems under Multiplicative Noises: A Binary Encoding Scheme with Probabilistic Bit Flips. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9