

Wen-An Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

247
papers

6,292
citations

44
h-index

69
g-index

278
ext. papers

8,217
ext. citations

5.1
avg. IF

6.88
L-index

#	Paper	IF	Citations
247	Dynamic Event-Triggered Output Feedback Control for Load Frequency Control in Power Systems With Multiple Cyber Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-13	7.3	9
246	Dual-Path Mixed Domain Residual Threshold Networks for Bearing Fault Diagnosis. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	7
245	Spatial distribution of antibiotic resistance genes of the Zaohe-Weihe Rivers, China: exerting a bottleneck in the hyporheic zone.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
244	An Optimal Variable Impedance Control With Consideration of the Stability. <i>IEEE Robotics and Automation Letters</i> , 2022 , 7, 1737-1744	4.2	1
243	New insights into the interaction between dissolved organic matter and different types of antibiotics, oxytetracycline and sulfadiazine: Multi-spectroscopic methods and density functional theory calculations.. <i>Science of the Total Environment</i> , 2022 , 153258	10.2	0
242	DEID-Based Control of Networked Rapid Control Prototyping System: Design and Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	1
241	Resilient practical cooperative output regulation for MASs with unknown switching exosystem dynamics under DoS attacks. <i>Automatica</i> , 2022 , 139, 110172	5.7	20
240	MSWR-LRCN: A new deep learning approach to remaining useful life estimation of bearings. <i>Control Engineering Practice</i> , 2022 , 118, 104969	3.9	4
239	A Learning Based Hierarchical Control Framework for Human-Robot Collaboration. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022 , 1-12	4.9	0
238	Improved Fragmentation Looped-Functional for Synchronization of Chaotic LurĒ Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	0
237	A sustainable approach for bioremediation of secondary salinized soils: Studying remediation efficiency and soil nitrate transformation by bioaugmentation.. <i>Chemosphere</i> , 2022 , 134580	8.4	3
236	Effect of lncRNA MALAT1 on the Granulosa Cell Proliferation and Pregnancy Outcome in Patients With PCOS.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 825431	5.7	0
235	A new deep learning framework based on blood pressure range constraint for continuous cuffless BP estimation.. <i>Neural Networks</i> , 2022 , 152, 181-190	9.1	5
234	Simulation of External Stray Light for FY-3C VIRR Combined with Satellite Orbit Attitude Model. <i>Remote Sensing</i> , 2021 , 13, 5037	5	0
233	Beyond Learning: Back to Geometric Essence of Visual Odometry via Fusion-Based Paradigm. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-15	5.2	2
232	Adaptive Event-Triggered Decentralized Dynamic Output Feedback Control for Load Frequency Regulation of Power Systems With Communication Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	1
231	Intelligent Event-Based Fuzzy Dynamic Positioning Control of Nonlinear Unmanned Marine Vehicles Under DoS Attack. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	7

230	A3C-Based Intelligent Event-Triggering Control of Networked Nonlinear Unmanned Marine Vehicles Subject to Hybrid Attacks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-14	6.1	18
229	Distributed Kalman-like Filtering and Bad Data Detection in Large-scale Power System. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1
228	Profiles of immune cell infiltration and immune-related genes in the tumor microenvironment of esophageal squamous cell carcinoma. <i>BMC Medical Genomics</i> , 2021 , 14, 75	3.7	4
227	New insights on association between circadian rhythm and lipid metabolism in spontaneously hypertensive rats. <i>Life Sciences</i> , 2021 , 271, 119145	6.8	2
226	A New Spiropyran-Based Fluorescent Probe for Dual Sensing of Ferrous Ion and pH. <i>Journal of Fluorescence</i> , 2021 , 31, 1133-1141	2.4	4
225	ZIF-67 Loaded on Fe ₃ O ₄ -MnO ₂ as Efficient Peroxymonosulfate Activator for Rapid Degradation of Carbamazepine. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100178	4.6	8
224	The Impact of Gut Microbiota on Radiation-Induced Enteritis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 586392	5.9	13
223	Contour Tracking Control of Networked Motion Control System Using Improved Equivalent-Input-Disturbance Approach. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 5155-5165	8.9	9
222	A New Observer-Based Cooperative Fault-Tolerant Tracking Control Method With Application to Networked Multi-axis Motion Control System. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7422-7432	8.9	23
221	A Source Circuit Breaker for DC Microgrid Protection. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 2310-2320	8.9	17
220	Robust Predictive Tracking Control for Mobile Robots With Intermittent Measurement and Quantization. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 509-518	8.9	10
219	A New Switched System Approach to Leader-Follower Consensus of Heterogeneous Linear Multiagent Systems With DoS Attack. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1258-1266	7.3	56
218	Performance Evaluation of Distributed Linear Regression Kalman Filtering Fusion. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2889-2896	5.9	3
217	False Data Injection Attack Detection for Industrial Control Systems Based on Both Time- and Frequency-Domain Analysis of Sensor Data. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 585-595	10.7	3
216	Synthesis of a novel organic/inorganic hybrid flame retardant based on Ca(H ₂ PO ₄) ₂ and hexachlorocyclotriphosphazene and its performance in polyvinyl alcohol. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50099	2.9	1
215	Multi-Site Electrocatalysts Boost pH-Universal Nitrogen Reduction by High-Entropy Alloys. <i>Advanced Functional Materials</i> , 2021 , 31, 2006939	15.6	35
214	Facilitated Activation of Peroxymonosulfate by Loading ZIF-8 on Fe ₃ O ₄ -MnO ₂ for Deep Mineralization of Bisphenol A. <i>ACS ES&T Water</i> , 2021 , 1, 417-429		13
213	TiO ₂ @palygorskite composite for the efficient remediation of oil spills via a dispersion-photodegradation synergy. <i>Frontiers of Environmental Science and Engineering</i> , 2021 , 15, 1	5.8	6

212	Gaussian process-based nonlinear predictive control for visual servoing of constrained mobile robots with unknown dynamics. <i>Robotics and Autonomous Systems</i> , 2021 , 136, 103712	3.5	3
211	Neural network-based fault detection for nonlinear networked systems with uncertain medium access constraint: Application to motor systems. <i>ISA Transactions</i> , 2021 , 111, 211-222	5.5	1
210	Event-Triggered Sliding Mode Control of Power Systems With Communication Delay and Sensor Faults. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 797-807	3.9	10
209	Active Security Control Approach Against DoS Attacks in Cyber-Physical Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4303-4310	5.9	11
208	E-LSTM-D: A Deep Learning Framework for Dynamic Network Link Prediction. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3699-3712	7.3	24
207	Policy-based Deep Reinforcement Learning for Visual Servoing Control of Mobile Robots with Visibility Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	6
206	Online Modeling of the CNC Engraving System With Dead-Zone Input Nonlinearity. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	0
205	Integrated asymmetric superwetting Janus membrane for the efficient separation of various surfactant-stabilized oil/water emulsions. <i>Environmental Science: Nano</i> , 2021 , 8, 2235-2248	7.1	4
204	A least squares method for identification of unknown groundwater pollution source 2021 , 52, 450-460		2
203	Training Deep Neural Network for Optimal Power Allocation in Islanded Microgrid Systems: A Distributed Learning-Based Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	6
202	CLAP: A Contract-based Incentive Mechanism for Cooperative Localization Balancing Localization Accuracy and Location Privacy. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0
201	Equivalent-Input-Disturbance Based Position Synchronization Control of Networked Multi-axis Motion System. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	1
200	Physical Safety and Cyber Security Analysis of Multi-Agent Systems: A Survey of Recent Advances. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 319-333	7	57
199	MGA: Momentum Gradient Attack on Network. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 99-109	4.5	2
198	Adaptive event-based tracking control of unmanned marine vehicle systems with DoS attack. <i>Journal of the Franklin Institute</i> , 2021 , 358, 1915-1939	4	21
197	Superfast Synthesis of Densely Packed and Ultrafine Pt-Lanthanide@KB via Solvent-Free Microwave as Efficient Hydrogen Evolution Electrocatalysts. <i>Small</i> , 2021 , 17, e2102879	11	6
196	An Alternative Learning-Based Approach for Economic Dispatch in Smart Grid. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 15024-15036	10.7	3
195	Distributed Successive Convex Approximation for Nonconvex Economic Dispatch in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 8288-8298	11.9	0

194	The complete chloroplast genome of Hems. (Lauraceae): genome structure and phylogenetic analysis. <i>Mitochondrial DNA Part B: Resources</i> , 2021 , 6, 202-204	0.5	
193	Co-Design of Fault Detection and Consensus Control Protocol for Multi-Agent Systems Under Hidden DoS Attack. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-13	3.9	10
192	E2DNet: An Ensembling Deep Neural Network for Solving Nonconvex Economic Dispatch in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	0
191	A survey on attack detection, estimation and control of industrial cyber-physical systems. <i>ISA Transactions</i> , 2021 , 116, 1-16	5.5	33
190	Vitamin D supplementation prior to in vitro fertilisation in women with polycystic ovary syndrome: a protocol of a multicentre randomised, double-blind, placebo-controlled clinical trial. <i>BMJ Open</i> , 2020 , 10, e041409	3	2
189	Targeting Posture Control With Dynamic Obstacle Avoidance of Constrained Uncertain Wheeled Mobile Robots Including Unknown Skidding and Slipping. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	8
188	. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 1746-1756	4	10
187	Perinatal depressive and anxiety symptoms of pregnant women during the coronavirus disease 2019 outbreak in China. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 240.e1-240.e9	6.4	223
186	On design of robust sliding mode observer for nonlinear networked time-delay systems with communication constraints. <i>ISA Transactions</i> , 2020 ,	5.5	1
185	Quantitative Relationship Between Localization Accuracy and Location Privacy Level in Wireless Localization System. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 1055-1059	3.2	3
184	Attack signal estimation for intrusion detection in industrial control system. <i>Computers and Security</i> , 2020 , 96, 101926	4.9	3
183	Distributed Secure Platoon Control of Connected Vehicles Subject to DoS Attack: Theory and Application. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	31
182	Melatonin Application in Assisted Reproductive Technology: A Systematic Review and Meta-Analysis of Randomized Trials. <i>Frontiers in Endocrinology</i> , 2020 , 11, 160	5.7	18
181	Cooperative attack tolerant tracking control for multi-agent system with a resilient switching scheme. <i>Neurocomputing</i> , 2020 , 409, 372-380	5.4	6
180	Assessment of ecological environment impact in highway construction activities with improved group AHP-FCE approach in China. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 451	3.1	12
179	Sensor fault estimation of networked vehicle suspension system with deny-of-service attack. <i>IET Intelligent Transport Systems</i> , 2020 , 14, 455-462	2.4	1
178	A Markovian jump system approach to consensus of heterogeneous multiagent systems with partially unknown and uncertain attack strategies. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3039-3053	3.6	50
177	Enhanced O-linked GlcNacetylation in Crohn's disease promotes intestinal inflammation. <i>EBioMedicine</i> , 2020 , 53, 102693	8.8	12

176	Hydrophobic and Anti-Fouling Performance of Surface on Parabolic Morphology. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
175	Selective metal ion transport through polymer inclusion membrane containing surfactin as carrier reagents. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 478-483	1.5	3
174	Facile Fabrication of Non-fluorinated Durable Superhydrophobic Cotton Fabric. <i>Fibers and Polymers</i> , 2020 , 21, 2513-2520	2	1
173	Dynamic State Estimation for Power Networks by Distributed Unscented Information Filter. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2162-2171	10.7	4
172	Chemically coupled NiCoS/C nanocages as efficient electrocatalysts for nitrogen reduction reactions. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 543-547	13	36
171	Linear Fusion Estimation for Range-Only Target Tracking With Nonlinear Transformation. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6403-6412	11.9	4
170	Anion-Coordination-Assisted Assembly of Supramolecular Charge-Transfer Complexes Based on Tris(urea) Ligands. <i>Chemistry - A European Journal</i> , 2020 , 26, 1414-1421	4.8	4
169	A Novel Adaptive Kalman Filtering Approach to Human Motion Tracking With Magnetic-Inertial Sensors. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 8659-8669	8.9	18
168	Effect of dissolved organic matter on adsorption of sediments to Oxytetracycline: An insight from zeta potential and DLVO theory. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 1697-1709	5.1	7
167	Formation control of mobile robot systems incorporating primal-dual neural network and distributed predictive approach. <i>Journal of the Franklin Institute</i> , 2020 , 357, 12454-12472	4	12
166	Intelligent event-based output feedback control with Q-learning for unmanned marine vehicle systems. <i>Control Engineering Practice</i> , 2020 , 105, 104616	3.9	19
165	Sensor attack detection for cyber-physical systems based on frequency domain partition. <i>IET Control Theory and Applications</i> , 2020 , 14, 1452-1466	2.5	7
164	Resilient Privacy-Preserving Distributed Localization Against Dishonest Nodes in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 9214-9223	10.7	7
163	AQP7 mediates post-menopausal lipogenesis in adipocytes through FSH-induced transcriptional crosstalk with AP-1 sites. <i>Reproductive BioMedicine Online</i> , 2020 , 41, 1122-1132	4	1
162	Exposure of Definite Palladium Facets Boosts Electrocatalytic Nitrogen Fixation at Low Overpotential. <i>Advanced Energy Materials</i> , 2020 , 10, 2002131	21.8	25
161	Distributed H Estimation in Sensor Networks With Two-Channel Stochastic Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 465-475	10.2	33
160	Backstepping control of flexible joint manipulator based on hyperbolic tangent function with control input and rate constraints. <i>Asian Journal of Control</i> , 2020 , 22, 1268-1279	1.7	5
159	A Bank of Decentralized Extended Information Filters for Target Tracking in Event-Triggered WSNs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3281-3289	7.3	6

158	Nonlinear sequential fusion estimation for clustered sensor networks. <i>Asian Journal of Control</i> , 2020 , 22, 1372-1378	1.7	
157	A LADRC based fuzzy PID approach to contour error control of networked motion control system with time-varying delays. <i>Asian Journal of Control</i> , 2020 , 22, 1973-1985	1.7	8
156	Set-Membership Estimation for Complex Networks Subject to Linear and Nonlinear Bounded Attacks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 163-173	10.3	9
155	Formation Control of Multiple Mobile Robots Incorporating an Extended State Observer and Distributed Model Predictive Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4587-4597	7.3	23
154	Distributed Voltage Restoration and Current Sharing Control in Islanded DC Microgrid Systems Without Continuous Communication. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3043-3053	8.9	64
153	Sequential Fusion Estimation for Networked Multisensor Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 4991-4999	8.9	7
152	Analysis and Design of a Novel Thyristor-Based Circuit Breaker for DC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 2959-2968	7.2	18
151	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020 , 56, 1829-1843	3.7	5
150	GESO-Based Position Synchronization Control of Networked Multiaxis Motion System. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 248-257	11.9	6
149	Genomic insight into Eky island species diversification in a mountainous biodiversity hotspot. <i>Journal of Systematics and Evolution</i> , 2019 , 57, 633-645	2.9	9
148	Asynchronous Resilient Output Consensus of Switched Heterogeneous Linear Multivehicle Systems With Communication Delay. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 2627-2640	5.5	56
147	Attack and estimator design for multi-sensor systems with undetectable adversary. <i>Automatica</i> , 2019 , 109, 108545	5.7	10
146	Progressive information filtering fusion for multi-sensor nonlinear systems. <i>Signal Processing</i> , 2019 , 163, 181-187	4.4	3
145	Effects of Surface Microstructures on Superhydrophobic Properties and Oil-Water Separation Efficiency. <i>Coatings</i> , 2019 , 9, 69	2.9	2
144	Asynchronous adaptive event-triggered tracking control for multi-agent systems with stochastic actuator faults. <i>Applied Mathematics and Computation</i> , 2019 , 355, 482-496	2.7	25
143	Robust Stochastic Sampled-data-based Output Consensus of Heterogeneous Multi-agent Systems Subject to Random DoS Attack: A Markovian Jumping System Approach. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1687-1698	2.9	17
142	Cellulosic adsorbent functionalized with macrocyclic pyridone pentamer for selectively removing metal cations from aqueous solutions. <i>Carbohydrate Polymers</i> , 2019 , 217, 1-5	10.3	15
141	Guaranteed Cost Control of Networked Control Systems with DoS Attack and Time-varying Delay. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 811-821	2.9	13

140	Exponential Synchronization via Aperiodic Sampling of Complex Delayed Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1399-1407	7.3	42
139	Improved Switched System Approach to Networked Control Systems With Time-Varying Delays. <i>IEEE Transactions on Control Systems Technology</i> , 2019 , 27, 2711-2717	4.8	18
138	Event-triggered dynamic output feedback tracking control for large-scale interconnected systems with disturbances. <i>Journal of the Franklin Institute</i> , 2019 , 356, 10547-10563	4	6
137	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019 , 55, 407-418	3.7	9
136	A GESO based MPC approach to contour error control of networked motion control system. <i>International Journal of Systems Science</i> , 2019 , 50, 2216-2225	2.3	0
135	Study of Oleophobic Modification of Fiber Material Surface and Its Performance. <i>Fibers and Polymers</i> , 2019 , 20, 1145-1154	2	1
134	Macrocyclic pyridone pentamer-modified polystyrene nanofiber for selective metal ion removal from aqueous solution. <i>Journal of the Chinese Chemical Society</i> , 2019 , 66, 1462-1468	1.5	3
133	A Harmonic Wave Kernel Signature for Three-Dimensional Skull Similarity Measurements 2019 ,		1
132	A Synthetic Feature Skull Descriptor for 3D Skull Similarity Measurement. <i>Mathematical Problems in Engineering</i> , 2019 , 2019, 1-12	1.1	1
131	Multiview Generative Adversarial Network and Its Application in Pearl Classification. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8244-8252	8.9	62
130	Adsorption characteristics of oxytetracycline by different fractions of organic matter in sedimentary soil. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 5668-5679	5.1	14
129	Finite-time synchronization control for semi-Markov jump neural networks with mode-dependent stochastic parametric uncertainties. <i>Applied Mathematics and Computation</i> , 2019 , 344-345, 230-242	2.7	18
128	Nonfragile H control for periodic stochastic systems with probabilistic measurement. <i>ISA Transactions</i> , 2019 , 86, 39-47	5.5	4
127	Hydroxypropyl starch-based films reinforced by incorporation of alkalized microcrystalline cellulose. <i>Polymer Composites</i> , 2019 , 40, E856	3	3
126	Consensus of Heterogeneous Linear Multiagent Systems Subject to Aperiodic Sampled-Data and DoS Attack. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1501-1511	10.2	136
125	Asynchronous and Resilient Filtering for Markovian Jump Neural Networks Subject to Extended Dissipativity. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2504-2513	10.2	97
124	Distributed Dimensionality Reduction Fusion Estimation for Cyber-Physical Systems Under DoS Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 455-468	7.3	80
123	The mRNA export factor Sac3 maintains nuclear homeostasis and regulates cytoskeleton organization in <i>Candida albicans</i> . <i>Future Microbiology</i> , 2018 , 13, 283-296	2.9	

122	Arf1 regulates the ER-mitochondria encounter structure (ERMES) in a reactive oxygen species-dependent manner. <i>FEBS Journal</i> , 2018 , 285, 2004-2018	5.7	11
121	Distributed H_{∞} Output-Feedback Control for Consensus of Heterogeneous Linear Multiagent Systems With Aperiodic Sampled-Data Communications. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 4145-4155	8.9	108
120	Sequential fusion estimation for clustered sensor networks. <i>Automatica</i> , 2018 , 89, 358-363	5.7	32
119	Role of the mRNA export factor Sus1 in oxidative stress tolerance in <i>Candida albicans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018 , 496, 253-259	3.4	3
118	Effect of diclofenac on the production of volatile fatty acids from anaerobic fermentation of waste activated sludge. <i>Bioresource Technology</i> , 2018 , 254, 7-15	11	55
117	Containment Control of Linear Multiagent Systems With Aperiodic Sampling and Measurement Size Reduction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5020-5029	10.3	60
116	Roles of VPH2 and VMA6 in localization of V-ATPase subunits, cell wall functions and filamentous development in <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , 2018 , 114, 1-11	3.9	11
115	Networked filtering with Markov transmission delays and packet disordering. <i>IET Control Theory and Applications</i> , 2018 , 12, 687-693	2.5	12
114	Asynchronous State Estimation for Discrete-Time Switched Complex Networks With Communication Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1732-1746	10.2	79
113	Distributed Filtering for Discrete-Time TS Fuzzy Systems With Incomplete Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1459-1471	8.3	55
112	Effects of Disruption of PMC1 in the <i>tfp1</i> Mutant on Calcium Homeostasis, Oxidative and Osmotic Stress Resistance in <i>Candida albicans</i> . <i>Mycopathologia</i> , 2018 , 183, 315-327	2.9	5
111	Generalized Extended State Observer Based Control for Networked Interconnected Systems with Delays. <i>Asian Journal of Control</i> , 2018 , 20, 1253-1262	1.7	12
110	Sulfamethazine (SMZ) affects fermentative short-chain fatty acids production from waste activated sludge. <i>Science of the Total Environment</i> , 2018 , 639, 1471-1479	10.2	29
109	Maternal high estradiol exposure alters CDKN1C and IGF2 expression in human placenta. <i>Placenta</i> , 2018 , 61, 72-79	3.4	12
108	Containment Control for Fuzzy Multi-Agent Systems Subject to Stochastic Controller Gain Variation 2018 ,		2
107	Characterizing the Interaction between Antibiotics and Humic Acid by Fluorescence Quenching Method. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	15
106	Secure estimation and event-triggered control for cyber-physical systems based on intermediate estimator 2018 ,		2
105	Preparation of Parabolic Superhydrophobic Material for Oil-Water Separation. <i>Materials</i> , 2018 , 11,	3.5	6

104	Distributed non-fragile filtering for T-S fuzzy systems with event-based communications. <i>Fuzzy Sets and Systems</i> , 2017 , 306, 137-152	3.7	36
103	Distributed Robust Fusion Estimation With Application to State Monitoring Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2994-3005	7.3	53
102	Robust Fuzzy-Model-Based Filtering for Nonlinear Cyber-Physical Systems With Multiple Stochastic Incomplete Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1826-1838	7.3	74
101	Immune responses of <i>Litopenaeus vannamei</i> to non-ionic ammonia stress: a comparative study on shrimps in freshwater and seawater conditions. <i>Aquaculture Research</i> , 2017 , 48, 177-188	1.9	7
100	Loss of Ssq1 leads to mitochondrial dysfunction, activation of autophagy and cell cycle arrest due to iron overload triggered by mitochondrial iron-sulfur cluster assembly defects in <i>Candida albicans</i> . <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 85, 44-55	5.6	17
99	Leader-follower H _∞ consensus of linear multi-agent systems with aperiodic sampling and switching connected topologies. <i>ISA Transactions</i> , 2017 , 68, 150-159	5.5	29
98	Aperiodic Optimal Linear Estimation for Networked Systems With Communication Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2256-2265	10.2	15
97	Distributed Filtering for Switched Linear Systems With Sensor Networks in Presence of Packet Dropouts and Quantization. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 2783-2796	7.9	112
96	Distributed Control of Large-Scale Networked Control Systems With Communication Constraints and Topology Switching. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1746-1757	7.3	68
95	Leader-Follower Consensus of Multiagent Systems With Energy Constraints: A Markovian System Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1727-1736	7.3	44
94	Robust fuzzy-model-based filtering for nonlinear networked systems with energy constraints. <i>Journal of the Franklin Institute</i> , 2017 , 354, 1957-1973	4	8
93	Function of glutaredoxin 3 (Grx3) in oxidative stress response caused by iron homeostasis disorder in <i>Candida albicans</i> . <i>Future Microbiology</i> , 2017 , 12, 1397-1412	2.9	9
92	Output feedback control of heterogeneous multi-agent systems with stochastic sampled-data 2017		1
91	Contribution of VMA5 to vacuolar function, stress response, ion homeostasis and autophagy in <i>Candida albicans</i> . <i>Future Microbiology</i> , 2017 , 12, 1147-1166	2.9	3
90	Networked Fusion Estimation With Bounded Noises. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5415-5421	5.9	37
89	Analysis and synthesis of networked control systems: A survey of recent advances and challenges. <i>ISA Transactions</i> , 2017 , 66, 376-392	5.5	210
88	Nash-optimization distributed model predictive control for multi mobile robots formation. <i>Peer-to-Peer Networking and Applications</i> , 2017 , 10, 688-696	3.1	6
87	Effects of light color change on carbohydrate-related enzymes in <i>Litopenaeus vannamei</i> . <i>Aquaculture International</i> , 2017 , 25, 379-391	2.6	

86	Moving Horizon Estimation for Mobile Robots With Multirate Sampling. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 1457-1467	8.9	40
85	Electricity Demand Forecasting Using HWT Model with Fourfold Seasonality 2017 ,		1
84	Energy-Efficient Distributed Filtering in Sensor Networks: A Unified Switched System Approach. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1618-1629	10.2	62
83	Hypothermal effects on survival, energy homeostasis and expression of energy-related genes of swimming crabs <i>Portunus trituberculatus</i> during air exposure. <i>Journal of Thermal Biology</i> , 2016 , 60, 33-40	2.9	11
82	Energy-efficient distributed control of large-scale systems: A switched system approach. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 3101-3117	3.6	36
81	Nonfragile H _∞ filtering for wireless-networked systems with energy constraint. <i>Complexity</i> , 2016 , 21, 79-89	1.6	3
80	The rational design of specific SOD1 inhibitors copper coordination and their application in ROS signaling research. <i>Chemical Science</i> , 2016 , 7, 6251-6262	9.4	20
79	The <i>Candida albicans</i> fimbrin Sac6 regulates oxidative stress response (OSR) and morphogenesis at the transcriptional level. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016 , 1863, 2255-66	4.9	12
78	De novo assembly and transcriptome analysis of osmoregulation in <i>Litopenaeus vannamei</i> under three cultivated conditions with different salinities. <i>Gene</i> , 2016 , 578, 185-93	3.8	32
77	Stability analysis and stabilization of aperiodic sampled-data systems based on a switched system approach. <i>Journal of the Franklin Institute</i> , 2016 , 353, 955-970	4	16
76	Controllable layer-by-layer assembly of PVA and phenylboronic acid-derivatized chitosan. <i>Carbohydrate Polymers</i> , 2016 , 140, 228-32	10.3	20
75	Distributed Mixed H_2/H_∞ Fusion Estimation With Limited Communication Capacity. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 805-810	5.9	43
74	Network-based H _∞ synchronization control of time-delay neural networks with communication constraints. <i>Modern Physics Letters B</i> , 2016 , 30, 1650069	1.6	3
73	Impacts of Cropping Systems on Aggregates Associated Organic Carbon and Nitrogen in a Semiarid Highland Agroecosystem. <i>PLoS ONE</i> , 2016 , 11, e0165018	3.7	10
72	Distributed synchronization control of complex networks with communication constraints. <i>ISA Transactions</i> , 2016 , 65, 186-198	5.5	4
71	Ultraviolet irradiation-mediated formation of Aβ ₂ oligomers and reactive oxygen species in Zn ²⁺ -bound Aβ ₂ aggregates irrespective of the removal of Zn ²⁺ . <i>New Journal of Chemistry</i> , 2016 , 40, 9385-9394	3.6	1
70	Sensor-network-based distributed stabilization of nonlinear large-scale systems with energy constraints and random sensor faults. <i>Journal of the Franklin Institute</i> , 2015 , 352, 3345-3365	4	10
69	Distributed Fusion Estimation With Communication Bandwidth Constraints. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 1398-1403	5.9	48

68	Follicle-stimulating hormone promotes age-related endometrial atrophy through cross-talk with transforming growth factor beta signal transduction pathway. <i>Aging Cell</i> , 2015 , 14, 284-7	9.9	11
67	Distributed non-fragile filtering for sensor networks with randomly occurring filter gain variations. <i>International Journal of General Systems</i> , 2015 , 44, 778-790	2.1	2
66	Distributed fault detection for a class of large-scale systems with multiple incomplete measurements. <i>Journal of the Franklin Institute</i> , 2015 , 352, 3730-3749	4	24
65	Ultraviolet light triggers the conversion of Cu ²⁺ -bound A β 2 aggregates into cytotoxic species in a copper chelation-independent manner. <i>Scientific Reports</i> , 2015 , 5, 13897	4.9	2
64	Stabilization of linear discrete-time networked control systems via protocol and controller co-design. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 3072-3085	3.6	23
63	Effect of different thermal regimes on glucose, enzymes involved in glycolysis and HSP70 of <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2015 , 46, 1707-1720	1.9	3
62	Energy Efficient Distributed Filtering for a Class of Nonlinear Systems in Sensor Networks. <i>IEEE Sensors Journal</i> , 2015 , 15, 3026-3036	4	37
61	NV-CFS: NVRAM-Assisted Scheduling Optimization for Virtualized Mobile Systems 2015 ,		1
60	Information Fusion Estimation for spatially distributed cyber-physical systems with communication delay and bandwidth constraints 2015 ,		5
59	New results on stabilization of networked control systems with packet disordering. <i>Automatica</i> , 2015 , 52, 255-259	5.7	58
58	Nonfragile Distributed Filtering for T β Fuzzy Systems in Sensor Networks. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 1883-1890	8.3	213
57	Stabilization of supply networks with transportation delay and switching topology. <i>Neurocomputing</i> , 2015 , 155, 247-252	5.4	6
56	State estimation with guaranteed performance for switching-type fuzzy neural networks in presence of sensor nonlinearities. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014 , 19, 2160-2171	3.7	4
55	Distributed Sampled-Data $\{H_{\infty}\}$ Filtering for Sensor Networks With Nonuniform Sampling Periods. <i>IEEE Transactions on Industrial Informatics</i> , 2014 , 10, 871-881	11.9	53
54	Mixed H ∞ and passivity based state estimation for fuzzy neural networks with Markovian-type estimator gain change. <i>Neurocomputing</i> , 2014 , 139, 321-327	5.4	22
53	Distributed Finite-Horizon Fusion Kalman Filtering for Bandwidth and Energy Constrained Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 797-812	4.8	69
52	Immune responses of <i>Litopenaeus vannamei</i> to thermal stress: a comparative study of shrimp in freshwater and seawater conditions. <i>Marine and Freshwater Behaviour and Physiology</i> , 2014 , 47, 79-92	1.1	13
51	A Markovian system approach to distributed H ∞ filtering for sensor networks with stochastic sampling. <i>Journal of the Franklin Institute</i> , 2014 , 351, 4998-5014	4	7

50	Distributed consensus-based Kalman filtering in sensor networks with quantised communications and random sensor failures. <i>IET Signal Processing</i> , 2014 , 8, 107-118	1.7	12
49	Relationship between asperity-mediated surface forces and topography alteration of silica microspheres sliding on mica, sapphire, and glass substrates under ambient conditions: atomic force microscopy and theoretical studies. <i>Langmuir</i> , 2014 , 30, 3729-40	4	7
48	Energy-efficient . <i>Signal Processing</i> , 2014 , 101, 134-141	4.4	13
47	Robust non-fragile filtering for networked systems with distributed variable delays. <i>Journal of the Franklin Institute</i> , 2014 , 351, 4009-4022	4	20
46	TB fuzzy-model-based piecewise H _∞ output feedback controller design for networked nonlinear systems with medium access constraint. <i>Fuzzy Sets and Systems</i> , 2014 , 248, 86-105	3.7	34
45	Multi-sensor-based H _∞ estimation in heterogeneous sensor networks with stochastic competitive transmission and random sensor failures. <i>IET Control Theory and Applications</i> , 2014 , 8, 202-210	2.5	3
44	Distributed Fault Estimation of Nonlinear Networked Systems: Application to Robotic Manipulator. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-8	1.1	
43	Exponential H _∞ filtering for switched neural networks with mixed delays. <i>IET Control Theory and Applications</i> , 2014 , 8, 987-995	2.5	7
42	Distributed fault estimation of networked systems using quantized measurements 2014 ,		3
41	Altered thyroid hormone profile in offspring after exposure to high estradiol environment during the first trimester of pregnancy: a cross-sectional study. <i>BMC Medicine</i> , 2014 , 12, 240	11.4	28
40	Distributed H _∞ filtering for sensor networks with switching topology. <i>International Journal of Systems Science</i> , 2013 , 44, 2104-2118	2.3	31
39	Finite-time H _∞ control for discrete-time genetic regulatory networks with random delays and partly unknown transition probabilities. <i>Journal of the Franklin Institute</i> , 2013 , 350, 1944-1961	4	24
38	\$H_{\infty}\$ Filtering for Networked Systems With Multiple Time-Varying Transmissions and Random Packet Dropouts. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 1705-1716	11.9	62
37	Fuzzy-Model-Based Fault Detection for a Class of Nonlinear Systems With Networked Measurements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2013 , 62, 3148-3159	5.2	76
36	Estimator design for discrete-time switched neural networks with asynchronous switching and time-varying delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 827-34	10.3	106
35	Optimal guaranteed cost stabilization of networked systems with bounded random packet losses. <i>Optimal Control Applications and Methods</i> , 2012 , 33, 81-99	1.7	5
34	Passivity analysis for discrete-time switched neural networks with various activation functions and mixed time delays. <i>Nonlinear Dynamics</i> , 2012 , 67, 403-411	5	42
33	Fault-Tolerant Control for Discrete-Time Switched Linear Systems with Time-Varying Delay and Actuator Saturation. <i>Journal of Optimization Theory and Applications</i> , 2012 , 153, 157-176	1.6	30

32	Multi-rate distributed fusion estimation for sensor networks with packet losses. <i>Automatica</i> , 2012 , 48, 2016-2028	5.7	123
31	Exponential state estimation for Markovian jumping neural networks with time-varying discrete and distributed delays. <i>Neural Networks</i> , 2012 , 35, 103-11	9.1	98
30	Exponential H _∞ filtering for discrete-time switched singular systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2012 , 349, 2323-2342	4	39
29	Exponential stability analysis for neutral switched systems with interval time-varying mixed delays and nonlinear perturbations. <i>Nonlinear Analysis: Hybrid Systems</i> , 2012 , 6, 775-786	4.5	44
28	Exponential H _∞ filtering for nonlinear discrete-time switched stochastic systems with mixed time delays and random missing measurements. <i>Asian Journal of Control</i> , 2012 , 14, 807-816	1.7	14
27	Set-values filtering for discrete time-delay genetic regulatory networks with time-varying parameters. <i>Nonlinear Dynamics</i> , 2012 , 69, 693-703	5	31
26	The improving effect of spray-drying encapsulation process on the bitter taste and stability of whey protein hydrolysate. <i>European Food Research and Technology</i> , 2012 , 235, 91-97	3.4	59
25	Networked multi-sensor fusion estimation with delays, packet losses and missing measurements 2012 ,		2
24	Optimal linear estimation for networked systems with communication constraints. <i>Automatica</i> , 2011 , 47, 1992-2000	5.7	78
23	Exponential H _∞ filtering for switched stochastic genetic regulatory networks with random sensor delays. <i>Asian Journal of Control</i> , 2011 , 13, 749-755	1.7	11
22	Exponential convergence rate estimation for neutral BAM neural networks with mixed time-delays. <i>Neural Computing and Applications</i> , 2011 , 20, 451-460	4.8	8
21	A Switched System Approach to Networked H _∞ Filtering with Packet Losses. <i>Circuits, Systems, and Signal Processing</i> , 2011 , 30, 1341-1354	2.2	14
20	H _∞ Filtering for Markovian Switching Genetic Regulatory Networks with Time-Delays and Stochastic Disturbances. <i>Circuits, Systems, and Signal Processing</i> , 2011 , 30, 1231-1252	2.2	26
19	H _∞ control for network-based systems with time-varying delay and packet disordering. <i>Journal of the Franklin Institute</i> , 2011 , 348, 917-932	4	36
18	One-step receding horizon H _∞ control for networked control systems with random delay and packet disordering. <i>ISA Transactions</i> , 2011 , 50, 44-52	5.5	32
17	BIBO stability and stabilization of networked control systems with short time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2011 , 21, 295-308	3.6	24
16	Fault detection for a class of network-based nonlinear systems with communication constraints and random packet dropouts. <i>International Journal of Adaptive Control and Signal Processing</i> , 2011 , 25, 876-898	2.8	18
15	Networked H _∞ filtering for linear discrete-time systems. <i>Information Sciences</i> , 2011 , 181, 686-696	7.7	44

14	A switched system approach to H ∞ control of networked control systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2011 , 348, 165-178	4	71
13	Stabilization of Sampled-Data Control Systems With Control Inputs Missing. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 447-452	5.9	116
12	H ∞ filtering for linear neutral systems with mixed time-varying delays and nonlinear perturbations. <i>Journal of the Franklin Institute</i> , 2010 , 347, 1374-1390	4	56
11	output tracking control for neutral systems with time-varying delay and nonlinear perturbations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010 , 15, 3284-3292	3.7	42
10	A Robust Control Approach to Stabilization of Networked Control Systems with Short Time-varying Delays. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2010 , 36, 87-91		10
9	Global exponential stability of cellular neural networks with time-varying discrete and distributed delays. <i>Neurocomputing</i> , 2009 , 72, 2705-2709	5.4	17
8	Fast responsive and strong swelling hydrogels based on N-isopropylacrylamide with sodium acrylate. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 123-128	2.9	3
7	H ∞ filtering of networked discrete-time systems with random packet losses. <i>Information Sciences</i> , 2009 , 179, 3944-3955	7.7	61
6	A robust control approach to stabilization of networked control systems with time-varying delays. <i>Automatica</i> , 2009 , 45, 2440-2445	5.7	78
5	Stability analysis for discrete-time switched time-delay systems. <i>Automatica</i> , 2009 , 45, 2265-2271	5.7	185
4	Modelling and control of networked control systems with both network-induced delay and packet-dropout. <i>Automatica</i> , 2008 , 44, 3206-3210	5.7	226
3	Output Feedback Stabilization of Networked Control Systems With Packet Dropouts. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 1705-1710	5.9	197
2	Path planning of surgical needle: A new adaptive intelligent particle swarm optimization method. <i>Transactions of the Institute of Measurement and Control</i> , 014233122199883	1.8	0
1	Resilient sliding mode control of multiple autonomous underwater vehicles under stochastic DoS attack. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 147509022210965	0.4	