Xin-Ping Guan

List of Publications by Year in Descending Order

439 papers	6,399 citations	38 h-index	59 g-index
532 ext. papers	8,458 ext. citations	4.7 avg, IF	6.86 L-index

#	Paper	IF	Citations
439	A Sensor-Free Crowd Counting Framework for Indoor Environments Based on Channel State Information. *IEEE Sensors Journal*, **2022**, 1-1	4	1
438	Electric Taxi Charging Strategy Based on Stackelberg Game Considering Hotspot Information. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	0
437	Optimal Dynamic Transmission Scheduling for Wireless Networked Control Systems. *IEEE Transactions on Control Systems Technology*, **2022**, 1-17	4.8	1
436	Asynchronous Decentralized Federated Learning for Collaborative Fault Diagnosis of PV Stations. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	0
435	Maximizing lower bound of energy efficiency in multi-tier heterogeneous cellular network via stochastic geometry. *Computer Communications*, **2022**, 184, 64-72	5.1	
434	Industrial Scene Text Detection with Refined Feature-attentive Network. *IEEE Transactions on Circuits and Systems for Video Technology*, **2022**, 1-1	6.4	1
433	Joint Optimization of Edge Computing Resource Pricing and Wireless Caching for Blockchain-Driven Networks. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	1
432	Wireless/wired integrated transmission for industrial cyber-physical systems: risk-sensitive co-design of 5G and TSN protocols. *Science China Information Sciences*, **2022**, 65, 1	3.4	1
431	Stochastic gradient-based fast distributed multi-energy management for an industrial park with temporally-coupled constraints. *Applied Energy*, **2022**, 317, 119107	10.7	0
430	Bearing-Based Formation Tracking Control With Time-Varying Velocity Estimation. *IEEE Transactions on Cybernetics*, **2022**, 1-13	10.2	1
429	Future Research Directions. *Cognitive Intelligence and Robotics*, **2021**, 207-211	0.1	
428	Cooperative Localization Based Multi-AUV Trajectory Planning for Target Approaching in Anchor-free Environments. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	2
427	Double Deep Q-Network Based Distributed Resource Matching Algorithm for D2D Communication. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	2
426	Joint Localization and Tracking of AUV Via Multivariate Probabilistic Collocation. *Cognitive Intelligence and Robotics*, **2021**, 91-112	0.1	
425	Tracking Control of AUV with Time Delay and Input Saturation. *Cognitive Intelligence and Robotics*, **2021**, 165-184	0.1	
424	Tracking and Formation for Multiple AUVs with Time Delay. *Cognitive Intelligence and Robotics*, **2021**, 185-205	0.1	
423	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-16	7.3	2

422	Distributed Urban Freeway Traffic Optimization Considering Congestion Propagation. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
421	Joint Trajectory Design and Resource Allocation for IRS-Assisted UAV Communications with Wireless Energy Harvesting. *IEEE Communications Letters*, **2021**, 1-1	3.8	4
420	Learning-Based Edge Sensing and Control Co-Design for Industrial Cyber-Physical System. *IEEE Transactions on Automation Science and Engineering*, **2021**, 1-15	4.9	
419	Finite-Time Tracking Control of AUV with Model Uncertainty. *Cognitive Intelligence and Robotics*, **2021**, 113-132	0.1	
418	Finite-Time Tracking Control of AUV Without Velocity Measurements. *Cognitive Intelligence and Robotics*, **2021**, 133-164	0.1	
417	Rigid Graph-Based Asynchronous Localization of AUVs. *Cognitive Intelligence and Robotics*, **2021**, 25-59	0.1	
416	Slide Mode-Based Joint Localization and Tracking of a Single AUV. *Cognitive Intelligence and Robotics*, **2021**, 61-90	0.1	
415	Deep Reinforcement Learning Based Privacy Preserving Localization of USNs. *Wireless Networks*, **2021**, 177-215	0.6	
414	Async-Localization of USNs with Consensus-Based Unscented Kalman Filtering. *Wireless Networks*, **2021**, 41-67	0.6	
413	Privacy Preserving Asynchronous Localization of USNs. *Wireless Networks*, **2021**, 107-139	0.6	
412	Asynchronous Localization of Underwater Sensor Networks with Mobility Prediction. *Wireless Networks*, **2021**, 17-40	0.6	
411	Reinforcement Learning-Based Asynchronous Localization of USNs. *Wireless Networks*, **2021**, 69-105	0.6	
410	Privacy Preserving Asynchronous Localization with Attack Detection and Ray Compensation. *Wireless Networks*, **2021**, 141-175	0.6	
409	Reset Control for Consensus of Multiagent Systems with Event-Triggered Communication. *IEEE Transactions on Cybernetics*, **2021**, 51, 5387-5396	10.2	0
408	Iterative Learning Model-Free Control for Networked Systems With Dual-Direction Data Dropouts and Actuator Faults. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 5232-5240	10.3	3
407	Resource Allocation Based on User Pairing and Subcarrier Matching for Downlink Non-Orthogonal Multiple Access Networks. *IEEE/CAA Journal of Automatica Sinica*, **2021**, 8, 679-689	7	10
406	Detection and localization of biased load attacks in smart grids via interval observer. *Information Sciences*, **2021**, 552, 291-309	7.7	3
405	Joint 3-D Trajectory and Resource Optimization in Multi-UAV-Enabled IoT Networks With Wireless Power Transfer. *IEEE Internet of Things Journal*, **2021**, 8, 7833-7848	10.7	6

404	AoI-Aware Control and Communication Co-Design for Industrial IoT Systems. *IEEE Internet of Things Journal*, **2021**, 8, 8464-8473	10.7	4
403	Game-based approach of fair resource allocation in wireless powered cooperative cognitive radio networks. *AEU - International Journal of Electronics and Communications*, **2021**, 134, 153699	2.8	1
402	AoI-Aware Co-Design of Cooperative Transmission and State Estimation for Marine IoT Systems. *IEEE Internet of Things Journal*, **2021**, 8, 7889-7901	10.7	3
401	Game based robust power allocation strategy with QoS guarantee in D2D communication network. *Computer Networks*, **2021**, 193, 108130	5.4	0
400	A Novel MIMO T-S Fuzzy Modeling for Prediction of Blast Furnace Molten Iron Quality With Missing Outputs. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1654-1666	8.3	6
399	Distributed Consensus Control for Nonlinear Multiagent Systems Under Directed Graphs of Dynamic Frequency Switches. *IEEE Transactions on Automatic Control*, **2021**, 66, 841-848	5.9	8
398	Decentralized Dynamic Event-Triggered $\mathcal{H}_{\infty}$ Control for Nonlinear Systems With Unreliable Communication Channel and Limited Bandwidth. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 757-771	8.3	5
397	Interval Observer-Based Detection and Localization Against False Data Injection Attack in Smart Grids. *IEEE Internet of Things Journal*, **2021**, 8, 657-671	10.7	8
396	Nonfragile Consensus of Multiagent Systems Based on Memory Sampled-Data Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 391-399	7.3	22
395	Distributed Containment Control for Nonlinear Stochastic Multiagent Systems. *IEEE Transactions on Cybernetics*, **2021**, 51, 3361-3370	10.2	5
394	Trajectory Tracking Control of Autonomous Underwater Vehicle With Unknown Parameters and External Disturbances. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 1054-1063	7.3	22
393	Dissipativity Analysis for T-S Fuzzy System Under Memory Sampled-Data Control. *IEEE Transactions on Cybernetics*, **2021**, 51, 961-969	10.2	24
392	Learning-Based Online Transmission Path Selection for Secure Estimation in Edge Computing Systems. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 3577-3587	11.9	3
391	Distributed Output-Feedback Consensus Control of Multiagent Systems with Unknown Output Measurement Sensitivity. *IEEE Transactions on Automatic Control*, **2021**, 66, 3303-3310	5.9	3
390	Robust Power Control for 5G Small Cell Networks with Sleep Strategy. *Wireless Personal Communications*, **2021**, 116, 2205-2222	1.9	0
389	Bearing-only formation control of multi-agent systems in local reference frames. *International Journal of Control*, **2021**, 94, 1261-1272	1.5	2
388	Finite-Time Tracking Control of Autonomous Underwater Vehicle Without Velocity Measurements. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-15	7.3	3
387	Resource-Efficient Visual Multi-Object Tracking on Embedded Device. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	

386	Cooperative Platoon Control for Uncertain Networked Aerial Vehicles with Predefined-Time Convergence. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	
385	Differentially Private Distributed Optimization via State and Direction Perturbation in Multi-agent Systems. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	4
384	Towards Hybrid Backscatter-aided Wireless Powered Internet of Things Networks: Cooperation and Coexistence Scenarios. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	
383	. *IEEE Transactions on Signal and Information Processing Over Networks*, **2021**, 7, 222-235	2.8	4
382	Privacy-Preserving Localization for Underwater Sensor Networks via Deep Reinforcement Learning. *IEEE Transactions on Information Forensics and Security*, **2021**, 16, 1880-1895	8	31
381	Accommodating Strategic Players in Distributed Algorithms for Power Dispatch Problems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	5
380	Connectivity-maintained and specified-time vehicle platoon control systems with disturbance observer. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 7844	3.6	3
379	Event-triggered based adaptive neural network control of a robotic manipulator with output constraints and disturbance. *International Journal of Systems Science*, **2021**, 52, 2415-2426	2.3	2
378	Optimal Denial-of-Service Attack Strategy on State Estimation Over Infinite-Time Horizon. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2860-2864	3.5	3
377	Age-of-Information Aware Scheduling for Edge-Assisted Industrial Wireless Networks. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5562-5571	11.9	8
376	Resource Allocation in D2D Enabled Vehicular Communications: A Robust Stackelberg Game Approach Based on Price-Penalty Mechanism. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 8186-8200	6.8	3
375	Ubiquitous Tracking for Autonomous Underwater Vehicle With IoUT: A Rigid-Graph-Based Solution. *IEEE Internet of Things Journal*, **2021**, 8, 14094-14109	10.7	2
374	Reliability-Constrained Throughput Optimization of Industrial Wireless Sensor Networks With Energy Harvesting Relay. *IEEE Internet of Things Journal*, **2021**, 8, 13343-13354	10.7	7
373	To Hide Private Position Information in Localization for Internet of Underwater Things. *IEEE Internet of Things Journal*, **2021**, 8, 14338-14354	10.7	4
372	Multi-Energy Microgrids: Designing, operation under new business models, and engineering practices in China. *IEEE Electrification Magazine*, **2021**, 9, 75-82	2.6	3
371	Optimization of Relay Power and Load Control Period Based on Cost Sharing Contract in Smart Grid Communications. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	0
370	Energy-Efficient Co-Design of Power Scheduling for State Estimation Over a Stochastic Delayed Network. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-17	7.3	0
369	Channel Estimation for Underwater Acoustic Communications Based on Orthogonal Chirp Division Multiplexing. *IEEE Signal Processing Letters*, **2021**, 28, 1883-1887	3.2	2

368	CPCA: A Chebyshev Proxy and Consensus based Algorithm for General Distributed Optimization **2020**,	1
367	Noncooperative Mobile Target Tracking Using Multiple AUVs in Anchor-Free Environments. *IEEE Internet of Things Journal*, **2020**, 7, 9819-9833	10.7 9
366	Rate Maximization for Hybrid Access Femtocell Networks With Outage Constraints Based on Pricing Incentive Mechanism. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 6699-6708	6.8 6
365	Semi-Global Leaderless Consensus of Linear Multi-agent Systems with Actuator and Communication Constraints. *Journal of Systems Science and Complexity*, **2020**, 33, 882-902	1 8
364	Approach of Robust Resource Allocation in Cognitive Radio Network With Spectrum Leasing. *IEEE Transactions on Green Communications and Networking*, **2020**, 4, 413-422	4 5
363	Robust resource allocation in two-tier NOMA heterogeneous networks toward 5G. *Computer Networks*, **2020**, 176, 107299	5.4 5
362	Event-Triggered Iterative Learning Containment Control of Model-Free Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-8	7.3 5
361	Model-free adaptive iterative sliding mode control for a robotic exoskeleton trajectory tracking system. *International Journal of Systems Science*, **2020**, 51, 1782-1797	2.3 2
360	Distributed Output-Feedback Consensus Control for Nonlinear Multiagent Systems Subject to Unknown Input Delays. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2 4
359	AUV-Aided Localization for Underwater Acoustic Sensor Networks With Current Field Estimation. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8855-8870	6.8 16
358	Detection and Location of Bias Load Injection Attack in Smart Grid via Robust Adaptive Observer. *IEEE Systems Journal*, **2020**, 14, 4454-4465	4.3 3
357	A Hybrid Event-Triggered Approach to Consensus of Multiagent Systems With Disturbances. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 1259-1271	4 20
356	Energy trading in microgrids for synergies among electricity, hydrogen and heat networks. *Applied Energy*, **2020**, 272, 115225	10.7 16
355	AUV-Aided Localization for Internet of Underwater Things: A Reinforcement-Learning-Based Method. *IEEE Internet of Things Journal*, **2020**, 7, 9728-9746	10.7 28
354	Learning-Based Autonomous Scheduling for AoI-Aware Industrial Wireless Networks. *IEEE Internet of Things Journal*, **2020**, 7, 9175-9188	10.7 4
353	Robust Secure Transmission and Power Transfer in Heterogeneous Networks With Confidential Information. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 11192-11205	6.8 1
352	Enhanced model-free adaptive iterative learning control with load disturbance and data dropout. *International Journal of Systems Science*, **2020**, 51, 2057-2067	2.3 8
351	Fast data-driven iterative event-triggered control for nonlinear networked discrete systems with data dropouts and sensor saturation. *Journal of the Franklin Institute*, **2020**, 357, 8364-8382	4 4

350	Event-based leader-following consensus for uncertain non-linear multiagent systems. *IET Control Theory and Applications*, **2020**, 14, 577-583	2.5	2
349	Power control of D2D communication based on quality of service assurance under imperfect channel information. *Peer-to-Peer Networking and Applications*, **2020**, 13, 1327-1339	3.1	0
348	Energy-efficient resource allocation in wireless powered CCRNs with simultaneous wireless information and power transfer. *Computer Communications*, **2020**, 153, 159-168	5.1	4
347	A Learning-Based Pre-Allocation Scheme for Low-Latency Access in Industrial Wireless Networks. *IEEE Transactions on Wireless Communications*, **2020**, 19, 650-664	9.6	5
346	Detection and Isolation of False Data Injection Attacks in Smart Grid via Unknown Input Interval Observer. *IEEE Internet of Things Journal*, **2020**, 7, 3214-3229	10.7	18
345	A Metric for Light Field Reconstruction, Compression, and Display Quality Evaluation. *IEEE Transactions on Image Processing*, **2020**,	8.7	37
344	Global output feedback regulation of nonlinear time delay systems subject to sensor measurement faults. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 2292-2303	3.6	0
343	Finite-Time Observer-Based Leader-Following Consensus for Nonlinear Multiagent Systems With Input Delays. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
342	A Multimodal Saliency Model for Videos with High Audio-Visual Correspondence. *IEEE Transactions on Image Processing*, **2020**,	8.7	37
341	Full state constraints-based adaptive tracking control for uncertain nonlinear stochastic systems with input saturation. *Journal of the Franklin Institute*, **2020**, 357, 5125-5142	4	8
340	Distributed Entrapping Control of Multi-Agent Systems Using Bearing Measurements. *IEEE Transactions on Automatic Control*, **2020**, 1-1	5.9	2
339	Distributed Integrated Sliding Mode Control for Vehicle Platoons Based on Disturbance Observer and Multi Power Reaching Law. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-11	6.1	4
338	Entrapping a target in an arbitrarily shaped orbit by a single robot using bearing measurements. *Automatica*, **2020**, 113, 108805	5.7	5
337	Globally Stable Formation Control of Nonholonomic Multiagent Systems With Bearing-Only Measurement. *IEEE Systems Journal*, **2020**, 14, 2901-2912	4.3	11
336	Efficient QoS Support for Robust Resource Allocation in Blockchain-Based Femtocell Networks. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 7070-7080	11.9	29
335	On-Demand Transmission for Edge-Assisted Remote Control in Industrial Network Systems. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 4842-4854	11.9	11
334	Output feedback-based consensus control for nonlinear time delay multiagent systems. *Automatica*, **2020**, 111, 108669	5.7	33
333	Occupancy Estimation in Buildings Based on Infrared Array Sensors Detection. *IEEE Sensors Journal*, **2020**, 20, 1043-1053	4	15

332	Proactive Power Management Scheme for Hybrid Electric Storage System in EVs: An MPC Method. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 5246-5257	6.1	12
331	Subchannel and resource allocation in cognitive radio sensor network with wireless energy harvesting. *Computer Networks*, **2020**, 167, 107028	5.4	9
330	Robust Power Control for Clustering-Based Vehicle-to-Vehicle Communication. *IEEE Systems Journal*, **2020**, 14, 2557-2568	4.3	7
329	Joint Interference Management and Power Allocation for Relay-Assisted Smart Grid Communications. *IEEE Internet of Things Journal*, **2020**, 7, 1927-1938	10.7	2
328	Fixed-Time Prescribed Tracking Control for Stochastic Nonlinear Systems With Unknown Measurement Sensitivity. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	10
327	. *IEEE Access*, **2020**, 8, 179070-179072	3.5	
326	. *IEEE Transactions on Signal Processing*, **2020**, 68, 4069-4082	4.8	10
325	Reset Observer-Based Zeno-Free Dynamic Event-Triggered Control Approach to Consensus of Multiagent Systems With Disturbances. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
324	Bearing Rigidity-Based Localizability Analysis for Wireless Sensor Networks. *IEEE Transactions on Signal and Information Processing Over Networks*, **2020**, 6, 526-539	2.8	1
323	Lower Bound Accuracy of Bearing-Based Localization for Wireless Sensor Networks. *IEEE Transactions on Signal and Information Processing Over Networks*, **2020**, 6, 556-569	2.8	3
322	Energy-Spectral Efficiency Optimization in Vehicular Communications: Joint Clustering and Pricing-Based Robust Power Control Approach. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 13673-13685	6.8	15
321	NOMA-Assisted On-Demand Transmissions for Monitoring Applications in Industrial IoT Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 12264-12276	6.8	5
320	Data-Driven Bayesian-Based Takagi-Sugeno Fuzzy Modeling for Dynamic Prediction of Hot Metal Silicon Content in Blast Furnace. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-13	7.3	6
319	Discrete-Event-Based Deterministic Execution Semantics With Timestamps for Industrial Cyber-Physical Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 851-862	7.3	11
318	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 5369-5385	7.3	3
317	Decentralized Adaptive Output Feedback Fault Detection and Control for Uncertain Nonlinear Interconnected Systems. *IEEE Transactions on Cybernetics*, **2020**, 50, 935-945	10.2	18
316	Distributed Output Feedback Leader-Following Control for High-Order Nonlinear Multiagent System Using Dynamic Gain Method. *IEEE Transactions on Cybernetics*, **2020**, 50, 640-649	10.2	11
315	Distributed Event-Triggered Consensus of Multiagent Systems With Communication Delays: A Hybrid System Approach. *IEEE Transactions on Cybernetics*, **2020**, 50, 3169-3181	10.2	7

314	Stabilization of T-S Fuzzy System With Time Delay Under Sampled-Data Control Using a New Looped-Functional. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 400-407	8.3	45
313	Distributed Adaptive Output Feedback Leader-Following Consensus Control for Nonlinear Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4309-4317	7.3	15
312	Effects of quantization and saturation on performance in bilateral teleoperator. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 121-141	3.6	2
311	Position Tracking Control of Remotely Operated Underwater Vehicles With Communication Delay. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 2506-2514	4.8	9
310	Asynchronous Localization of Underwater Target Using Consensus-Based Unscented Kalman Filtering. *IEEE Journal of Oceanic Engineering*, **2020**, 45, 1466-1481	3.3	12
309	Integral Sliding Mode Control Using a Disturbance Observer for Vehicle Platoons. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 6639-6648	8.9	22
308	A Mobile Anchor Node Assisted RSSI Localization Scheme in Underwater Wireless Sensor Networks. *Sensors*, **2019**, 19,	3.8	12
307	An approach of robust power control for cognitive radio networks based on chance constraints. *Peer-to-Peer Networking and Applications*, **2019**, 12, 280-290	3.1	1
306	Robust power control strategy based on hierarchical game with QoS provisioning in full-duplex femtocell networks. *Computer Networks*, **2019**, 160, 92-104	5.4	3
305	Leader-following consensus for high-order stochastic multi-agent systems via dynamic output feedback control. *Automatica*, **2019**, 107, 418-424	5.7	27
304	Tracking control of a remotely operated underwater vehicle with time delay and actuator saturation. *Ocean Engineering*, **2019**, 184, 299-310	3.9	11
303	A Trusted-ID Referenced Key Scheme for Securing SCADA Communication in Iron and Steel Plants. *IEEE Access*, **2019**, 7, 46947-46958	3.5	7
302	Funnel-like prescribed tracking control for uncertain nonlinear stochastic switched systems. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 3936	3.6	1
301	Dynamic surface based tracking control of uncertain quadrotor unmanned aerial vehicles with multiple state variable constraints. *IET Control Theory and Applications*, **2019**, 13, 526-533	2.5	11
300	DSESP: Dual sparsity estimation subspace pursuit for the compressive sensing based close-loop ecg monitoring structure. *Peer-to-Peer Networking and Applications*, **2019**, 12, 1311-1322	3.1	1
299	Joint Localization and Tracking Design for AUV With Asynchronous Clocks and State Disturbances. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 4707-4720	6.8	23
298	Semi-global/global output consensus for nonlinear multiagent systems with time delays. *Automatica*, **2019**, 103, 480-489	5.7	23
297	Asynchronous Localization for UASNs: An Unscented Transform-Based Method. *IEEE Signal Processing Letters*, **2019**, 26, 602-606	3.2	11

296	Chance-Constrained Optimization in D2D-Based Vehicular Communication Network. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 5045-5058	6.8	38
295	Design of an Embedded Communication System for Underwater Asynchronous Localization. *IEEE Embedded Systems Letters*, **2019**, 11, 97-100	1	4
294	Intelligent Latency-Aware Virtual Network Embedding for Industrial Wireless Networks. *IEEE Internet of Things Journal*, **2019**, 6, 7484-7496	10.7	12
293	A three dimensional tracking scheme for underwater non-cooperative objects in mixed LOS and NLOS environment. *Peer-to-Peer Networking and Applications*, **2019**, 12, 1369-1384	3.1	4
292	. *IEEE Transactions on Automatic Control*, **2019**, 64, 1156-1161	5.9	42
291	MAB-based two-tier learning algorithms for joint channel and power allocation in stochastic underwater acoustic communication networks. *Soft Computing*, **2019**, 23, 7181-7192	3.5	1
290	Detection and isolation of false data injection attack for smart grids via unknown input observers. *IET Generation, Transmission and Distribution*, **2019**, 13, 1277-1286	2.5	19
289	Detection and Isolation of False Data Injection Attacks in Smart Grids via Nonlinear Interval Observer. *IEEE Internet of Things Journal*, **2019**, 6, 6498-6512	10.7	20
288	An Adaptive Control Defense Scheme of False Data Injection Attacks in Smart Grids **2019**,		2
287	Robust power control based on hierarchical game for hybrid access femtocell networks. *IET Communications*, **2019**, 13, 1607-1614	1.3	2
286	Sum Rate Maximization for Multi-Carrier SWIPT Relay System With Non-Ideal Power Amplifier and Circuit Power Consumption. *IEEE Access*, **2019**, 7, 89805-89820	3.5	2
285	Multiple Autonomous Underwater Vehicle Cooperative Localization in Anchor-Free Environments. *IEEE Journal of Oceanic Engineering*, **2019**, 44, 895-911	3.3	23
284	Distributed detection and isolation of bias injection attack in smart energy grid via interval observer. *Applied Energy*, **2019**, 256, 113703	10.7	15
283	Reset Control for Consensus of Multiagent Systems With Asynchronous Sampling. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-9	7.3	4
282	Optimal Energy Consumption for Consensus of Multi-Agent Systems With Communication Faults. *IEEE Access*, **2019**, 7, 138941-138949	3.5	2
281	Event-Triggered Consensus Control for Second-Order Multi-Agent Systems With/Without Input Time Delay. *IEEE Access*, **2019**, 7, 156993-157002	3.5	4
280	. *IEEE Transactions on Multimedia*, **2019**, 21, 2319-2333	6.6	62
279	IoT-Based Proactive Energy Supply Control for Connected Electric Vehicles. *IEEE Internet of Things Journal*, **2019**, 6, 7395-7405	10.7	9

278	**2019**,		4
277	Joint localisation and tracking for autonomous underwater vehicle: a reinforcement learning-based approach. *IET Control Theory and Applications*, **2019**, 13, 2856-2865	2.5	8
276	Image based fixed time visual servoing control for the quadrotor UAV. *IET Control Theory and Applications*, **2019**, 13, 3117-3123	2.5	3
275	PointDoN: A Shape Pattern Aggregation Module for Deep Learning on Point Cloud **2019**,		1
274	Precoding Design for Energy Efficiency Maximization in MIMO Half-Duplex Wireless Sensor Networks with SWIPT. *Sensors*, **2019**, 19,	3.8	4
273	. *IEEE Industrial Electronics Magazine*, **2019**, 13, 48-56	6.2	31
272	Distributed path optimisation of mobile sensor networks for AOA target localisation. *IET Control Theory and Applications*, **2019**, 13, 2817-2827	2.5	2
271	Energy-Efficient Target Tracking With UASNs: A Consensus-Based Bayesian Approach. *IEEE Transactions on Automation Science and Engineering*, **2019**, 1-15	4.9	4
270	Specified-Time Vehicular Platoon Control With Flexible Safe Distance Constraint. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 10489-10503	6.8	12
269	Feedback-Based Target Localization in Underwater Sensor Networks: A Multisensor Fusion Approach. *IEEE Transactions on Signal and Information Processing Over Networks*, **2019**, 5, 168-180	2.8	24
268	Sensor scheduling for relay-assisted wireless control systems with limited power resources. *ISA Transactions*, **2019**, 88, 246-257	5.5	0
267	Dynamic gain control of teleoperating cyber-physical system with time-varying delay. *Nonlinear Dynamics*, **2019**, 95, 3049-3062	5	6
266	Risk-Averse Transmission Path Selection for Secure State Estimation in Power Systems. *IEEE Internet of Things Journal*, **2019**, 6, 3121-3131	10.7	8
265	Privacy-Preserving Average Consensus: Privacy Analysis and Algorithm Design. *IEEE Transactions on Signal and Information Processing Over Networks*, **2019**, 5, 127-138	2.8	29
264	Sliding Mode Formation Control of Nonlinear Multi-agent Systems with Local Lipschitz Continuous Dynamics. *Journal of Systems Science and Complexity*, **2019**, 32, 759-777	1	4
263	Distributed adaptive containment control of uncertain QUAV multiagents with time-varying payloads and multiple variable constraints. *ISA Transactions*, **2019**, 90, 107-115	5.5	8
262	RSSI-Based Heading Control for Robust Long-Range Aerial Communication in UAV Networks. *IEEE Internet of Things Journal*, **2019**, 6, 1675-1689	10.7	15
261	Fractional-order sliding mode control of uncertain QUAVs with time-varying state constraints. *Nonlinear Dynamics*, **2019**, 95, 1347-1360	5	33

260	Optimal Power Management for Failure Mode of MVDC Microgrids in All-Electric Ships. *IEEE Transactions on Power Systems*, **2019**, 34, 1054-1067	7	15
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