

Yuanqing Xia

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.

410 papers	12,000 citations	55 h-index	92 g-index
442 ext. papers	15,406 ext. citations	4.5 avg, IF	7.33 L-index

#	Paper	IF	Citations
410	Design of Stealthy Deception Attacks with Partial System Knowledge. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	2
409	Linear Feedback Control. <i>Advances in Industrial Control</i> , 2022 , 165-177	0.3	
408	Distributed robust MPC for nonholonomic robots with obstacle and collision avoidance. <i>Control Theory and Technology</i> , 2022 , 20, 32	1	
407	Active Disturbance Rejection Altitude Control for a QuadPlane. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 329-342	0.2	0
406	Active Disturbance Rejection Control of Independent Cooling Systems with Additive Actuator Fault: AMESim and Simulink Co-simulation Study. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 1951-1960	0.2	
405	Trajectory tracking control for four-mecanum-wheel mobile vehicle: A variable gain active disturbance rejection control approach. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 1990-2006	3.6	1
404	Trajectory Tracking Control for Under-Actuated Hovercraft Using Differential Flatness and Reinforcement Learning-Based Active Disturbance Rejection Control. <i>Journal of Systems Science and Complexity</i> , 2022 , 35, 502-521	1	3
403	Two Stop-Line Method for Modern T-Shape Roundabout: Evaluation of Capacity and Optimal Signal Cycle. <i>Journal of Advanced Transportation</i> , 2022 , 2022, 1-14	1.9	1
402	Corrigendum to Disturbance observer based adaptive fuzzy sliding mode control: A dynamic sliding surface approach [Automatica 129 (2021) 109606]. <i>Automatica</i> , 2022 , 110413	5.7	
401	A Brief Survey on Recent Advances in Cloud Control Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	1
400	Context-Aware Correlation Filter Learning Toward Peak Strength for Visual Tracking. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5105-5115	10.2	1
399	H Static Output Feedback for Low-Frequency Networked Control Systems With a Decentralized Event-Triggered Scheme. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4227-4236	10.2	1
398	Multiobjective Overtaking Maneuver Planning for Autonomous Ground Vehicles. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4035-4049	10.2	21
397	Distributed Kalman Filtering Over Sensor Networks With Transmission Delays. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5511-5521	10.2	11
396	Event-Triggered Sequential Fusion for Systems with Correlated Noises 2021 , 165-186		
395	Distributed Fusion Estimation for Multisensor Systems with Heavy-Tailed Noises 2021 , 189-211		
394	Fusion Estimation for Linear Systems with Cross-Correlated Sensor Noises 2021 , 33-51		

393 Distributed Data Fusion for Multirate Sensor Networks **2021**, 53-68

392 State Estimation for Multirate Systems with Unreliable Measurements **2021**, 69-81

391 Distributed Fusion Estimation for Systems with Network Delays and Uncertainties **2021**, 83-103

390 State Estimation of Asynchronous Multirate Multisensor Systems **2021**, 105-122

389 Event-Triggered Centralized Fusion for Correlated Noise Systems **2021**, 125-141

388 Model Predictive Control for Linear Systems under Relaxed Constraints. *IEEE Transactions on Automatic Control*, **2021**, 1-1 5.9 0

387 Fuzzy Broad Learning System based on Accelerating Amount. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1 8.3 1

386 Disturbance rejection MPC framework for input-affine nonlinear systems. *IEEE Transactions on Automatic Control*, **2021**, 1-1 5.9 0

385 Finite-Time Composite Disturbance Rejection Control for Discrete-Time Markovian Jump Systems. *IEEE Transactions on Automatic Control*, **2021**, 1-1 5.9 1

384 Multi-Swarm Co-evolution based Hybrid Intelligent Optimization for Bi-objective Multi-Workflow Scheduling in the Cloud. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 1-1 3.7 3

383 Fixed-time attitude tracking control for spacecraft based on a fixed-time extended state observer. *Science China Information Sciences*, **2021**, 64, 1 3.4 2

382 Multi-event triggered sliding mode control for a class of complex dynamic network. *IEEE Transactions on Control of Network Systems*, **2021**, 1-1 4 1

381 Finite-time fault-tolerant output feedback attitude control of spacecraft formation with guaranteed performance. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 4664-4688 3.6 5

380 Review of advanced guidance and control algorithms for space/aerospace vehicles. *Progress in Aerospace Sciences*, **2021**, 122, 100696 8.8 21

379 Robust MPC for disturbed nonlinear discrete-time systems via a composite self-triggered scheme. *Automatica*, **2021**, 127, 109499 5.7 8

378 Convex MPC for exclusion constraints. *Automatica*, **2021**, 127, 109502 5.7 2

377 . *IEEE Transactions on Aerospace and Electronic Systems*, **2021**, 57, 1685-1701 3.7 14

376 Adaptive sliding mode disturbance observerBased funnel trajectory tracking control of quadrotor with external disturbances. *IET Control Theory and Applications*, **2021**, 15, 1778-1788 2.5 3

- 375 Structural controllability of networked relative coupling systems. *Automatica*, **2021**, 128, 109547 5.7 1
- 374 A Game-Based Approach for Cost-Aware Task Assignment With QoS Constraint in Collaborative Edge and Cloud Environments. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 32, 1629-1640 3.7 13
- 373 Resilient strategy design for cyber-physical system under active eavesdropping attack. *Journal of the Franklin Institute*, **2021**, 358, 5281-5304 4 1
- 372 Robust Model Predictive Tracking Control for Robot Manipulators With Disturbances. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 4288-4297 8.9 14
- 371 Practical Fixed-Time Disturbance Rejection Control for Quadrotor Attitude Tracking. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 7274-7283 8.9 12
- 370 Leader-Follower Trajectory Control for Quadrotors via Tracking Differentiators and Disturbance Observers. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 601-609 7.3 9
- 369 Predictive Cloud Control for Networked Multiagent Systems With Quantized Signals Under DoS Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 1345-1353 7.3 24
- 368 Event-Triggered Active MPC for Nonlinear Multiagent Systems With Packet Losses. *IEEE Transactions on Cybernetics*, **2021**, 51, 3093-3102 10.2 8
- 367 Nonlinear MPC with time-varying terminal cost for tracking unreachable periodic references. *Automatica*, **2021**, 123, 109337 5.7 1
- 366 Design of sliding mode output feedback controllers via dynamic sliding surface. *Automatica*, **2021**, 124, 109310 5.7 8
- 365 . *IEEE Transactions on Control of Network Systems*, **2021**, 8, 500-512 4 2
- 364 . *IEEE Transactions on Aerospace and Electronic Systems*, **2021**, 57, 1028-1045 3.7 10
- 363 High-fidelity trajectory optimization for aeroassisted vehicles using variable order pseudospectral method. *Chinese Journal of Aeronautics*, **2021**, 34, 237-251 3.7 2
- 362 Adaptive control for a motion mechanism with pneumatic artificial muscles subject to dead-zones. *Mechanical Systems and Signal Processing*, **2021**, 148, 107155 7.8 10
- 361 Co-Design of Quantization and Event-Driven Control for Networked Control Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3103-3110 7.3 4
- 360 Observer-Based Event-Driven Control for Discrete-Time Systems With Disturbance Rejection. *IEEE Transactions on Cybernetics*, **2021**, 51, 2120-2130 10.2 4
- 359 State estimation techniques **2021**, 331-384
- 358 Distributed Robust Kalman Filtering for Markov Jump Systems With Measurement Loss of Unknown Probabilities. *IEEE Transactions on Cybernetics*, **2021**, PP, 10.2 3

357	Stochastic Event-Triggered Distributed Fusion Estimation Under Jamming Attacks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2021 , 7, 309-321	2.8	2
356	Scoring and Dynamic Hierarchy-Based NSGA-II for Multiobjective Workflow Scheduling in the Cloud. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-12	4.9	7
355	Dynamic Event-Triggered MPC With Shrinking Prediction Horizon and Without Terminal Constraint. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
354	Distributed Stochastic MPC for Networked Linear Systems With a Multirate Sampling Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	1
353	Dense Incremental Extreme Learning Machine with Accelerating Amount and Proportional Integral Differential. <i>Lecture Notes in Computer Science</i> , 2021 , 89-100	0.9	0
352	Quantized Stabilization of Continuous-Time Switched Systems With Delay and Disturbance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-14	7.3	0
351	Attack detection and distributed filtering for state-saturated systems under deception attack. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	6
350	Dual-Loop Tube-based Robust Model Predictive Attitude Tracking Control for Spacecraft with System Constraints and Additive Disturbances. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	7
349	SHWS: Stochastic Hybrid Workflows Dynamic Scheduling in Cloud Container Services. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-17	4.9	1
348	An Improved Artificial Potential Field Method for Path Planning and Formation Control of the Multi-UAV Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
347	Convex model predictive control for collision avoidance. <i>IET Control Theory and Applications</i> , 2021 , 15, 1270-1285	2.5	0
346	Disturbance observer based adaptive fuzzy sliding mode control: A dynamic sliding surface approach. <i>Automatica</i> , 2021 , 129, 109606	5.7	7
345	Event-based distributed filtering against deception attacks for sensor networks with quantization effect. <i>ISA Transactions</i> , 2021 ,	5.5	1
344	Trajectory planning and tracking for four-wheel steering vehicle based on differential flatness and active disturbance rejection controller. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 2214	2.8	6
343	Recursive distributed fusion estimation for nonlinear stochastic systems with event-triggered feedback. <i>Journal of the Franklin Institute</i> , 2021 , 358, 7286-7307	4	1
342	Predefined performance adaptive control of robotic manipulators with dynamic uncertainties and input saturation constraints. <i>Journal of the Franklin Institute</i> , 2021 , 358, 7142-7169	4	1
341	Robust Tracking Model Predictive Control With Quadratic Robustness Constraint for Mobile Robots With Incremental Input Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 9789-9799	8.9	8
340	Safe polyhedral tubes for locally convexified MPC. <i>Automatica</i> , 2021 , 132, 109791	5.7	0

- 339 Fixed-Time Cooperative Behavioral Control for Networked Autonomous Agents With Second-Order Nonlinear Dynamics. *IEEE Transactions on Cybernetics*, **2021**, PP, 10.2 4
- 338 Privacy-Preserving Dual Averaging with Arbitrary Initial Conditions for Distributed Optimization. *IEEE Transactions on Automatic Control*, **2021**, 1-1 5.9 1
- 337 A Scalable-Bandwidth Extended State Observer-Based Adaptive Sliding-Mode Control for the Dissolved Oxygen in a Wastewater Treatment Process. *IEEE Transactions on Cybernetics*, **2021**, PP, 10.2 1
- 336 A prescribed-performance-like control for improving tracking performance of networked robots. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 2546-2571 3.6 2
- 335 Reduced-Order H_∞ Filter Design for Delta Operator Systems Over Multiple Frequency Intervals. *IEEE Transactions on Automatic Control*, **2020**, 65, 5376-5383 5.9 1
- 334 StainCNNs: An efficient stain feature learning method. *Neurocomputing*, **2020**, 406, 267-273 5.4 6
- 333 Trajectory tracking control of a VTOL unmanned aerial vehicle using offset-free tracking MPC. *Chinese Journal of Aeronautics*, **2020**, 33, 2024-2042 3.7 13
- 332 Fully Adaptive-Gain-Based Intelligent Failure-Tolerant Control for Spacecraft Attitude Stabilization Under Actuator Saturation. *IEEE Transactions on Cybernetics*, **2020**, 10.2 8
- 331 UKF Based on Maximum Correntropy Criterion in the Presence of Both Intermittent Observations and Non-Gaussian Noise. *IEEE Sensors Journal*, **2020**, 20, 7766-7773 4 8
- 330 Trajectory tracking control for wheeled mobile robots based on nonlinear disturbance observer with extended Kalman filter. *Journal of the Franklin Institute*, **2020**, 357, 8491-8507 4 14
- 329 Distributed fusion estimation for multisensor systems with non-Gaussian but heavy-tailed noises. *ISA Transactions*, **2020**, 101, 160-169 5.5 6
- 328 Stackelberg game for secure estimation of linear systems subject to unknown input and smart jamming. *Journal of the Franklin Institute*, **2020**, 357, 3056-3074 4 0
- 327 Disturbance Observer-Based Adaptive Finite-Time Attitude Tracking Control for Rigid Spacecraft. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-8 7.3 12
- 326 Resilient State Estimation of Cyber-Physical System With Multichannel Transmission Under DoS Attack. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12 7.3 18
- 325 Finite-Time Tracking Control for a Class of Uncertain Strict-Feedback Nonlinear Systems With State Constraints: A Smooth Control Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 4920-4932 10.3 30
- 324 Networked Control Under Communication Constraints. *Advances in Delays and Dynamics*, **2020**, 0.3 5
- 323 Structural Controllability of Undirected Diffusive Networks With Vector-Weighted Edges **2020**, 4, 596-601 5
- 322 Design and Implementation of Deep Neural Network-Based Control for Automatic Parking Maneuver Process. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP, 10.3 24

321	Reachability Analysis of Cyber-Physical Systems Under Stealthy Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	4
320	Distributed Formation Control of Multi-Robot Systems: A Fixed-Time Behavioral Approach 2020 ,		3
319	Composite disturbance rejection control for Markovian Jump systems with external disturbances. <i>Automatica</i> , 2020 , 118, 109019	5.7	7
318	Event-triggered distributed state estimation over wireless sensor networks. <i>Automatica</i> , 2020 , 118, 109039	5.7	14
317	Adaptive prescribed performance terminal sliding mode attitude control for quadrotor under input saturation. <i>IET Control Theory and Applications</i> , 2020 , 14, 2473-2480	2.5	12
316	Composite Disturbance Rejection Attitude Control for Quadrotor With Unknown Disturbance. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 6894-6903	8.9	33
315	Velocity-Observer-Based Distributed Finite-Time Attitude Tracking Control for Multiple Uncertain Rigid Spacecraft. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2509-2519	11.9	18
314	Real-Time Reentry Trajectory Planning of Hypersonic Vehicles: A Two-Step Strategy Incorporating Fuzzy Multiobjective Transcription and Deep Neural Network. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 6904-6915	8.9	43
313	Stability analysis on networked control systems under double attacks with predictive control. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1549-1563	3.6	7
312	Tracking of Unicycle Robots Using Event-Based MPC With Adaptive Prediction Horizon. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 739-749	5.5	14
311	Six-DOF Spacecraft Optimal Trajectory Planning and Real-Time Attitude Control: A Deep Neural Network-Based Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5005-5013	10.3	31
310	Dynamic Pricing-Based Resilient Strategy Design for Cloud Control System Under Jamming Attack. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 111-122	7.3	5
309	Event-based distributed state estimation for linear systems under unknown input and false data injection attack. <i>Signal Processing</i> , 2020 , 170, 107423	4.4	12
308	A new particle filter based on smooth variable structure filter. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 32-41	2.8	1
307	Event-triggered state estimation for networked systems with correlated noises and packet losses. <i>ISA Transactions</i> , 2020 , 104, 36-43	5.5	9
306	Distributed MPC for linear discrete-time systems with disturbances and coupled states. <i>Systems and Control Letters</i> , 2020 , 135, 104578	2.4	6
305	Optimal Estimation for Multirate Systems with Unreliable Measurements and Correlated Noise 2020 , 199-222		0
304	Multiobjective Optimal Parking Maneuver Planning of Autonomous Wheeled Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10809-10821	8.9	22

303	Distributed consensus-based estimation with unknown inputs and random link failures. <i>Automatica</i> , 2020 , 122, 109259	5.7	1
302	Sequential Fusion for Multirate Multisensor Systems With Heavy-Tailed Noises and Unreliable Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	1
301	Adaptive fixed-time trajectory tracking control for Mars entry vehicle. <i>Nonlinear Dynamics</i> , 2020 , 102, 2687-2698	5	5
300	Sequential fusion estimation for multisensor systems with non-Gaussian noises. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	1
299	Distributed secure estimation for cyber-physical systems with fading measurements and false data injection attacks. <i>International Journal of Systems Science</i> , 2020 , 51, 2746-2766	2.3	3
298	MPC based compound flight control strategy for a ducted fan aircraft. <i>Aerospace Science and Technology</i> , 2020 , 107, 106264	4.9	7
297	Practical stability analysis of sampled-data switched systems with quantization and delay. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 5267-5289	3.6	2
296	Adaptive interpolating control for constrained systems with parametric uncertainty and disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6838-6852	3.6	1
295	Modified ADRC for Inertial Stabilized Platform With Corrected Disturbance Compensation and Improved Speed Observer. <i>IEEE Access</i> , 2020 , 8, 157703-157716	3.5	3
294	Finite-time cooperative attitude control for leader-follower spacecraft with fixed-time observer. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7013-7030	3.6	0
293	Event-Triggered Distributed MPC With Variable Prediction Horizon. <i>IEEE Transactions on Automatic Control</i> , 2020 , 1-1	5.9	3
292	. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 1-17	3.8	2
291	Solving Multiobjective Constrained Trajectory Optimization Problem by an Extended Evolutionary Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1630-1643	10.2	44
290	Solving Trajectory Optimization Problems in the Presence of Probabilistic Constraints. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4332-4345	10.2	12
289	Optimal Stealthy Deception Attack Against Cyber-Physical Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3963-3972	10.2	40
288	Distributed Secure Filtering for Discrete-Time Systems Under Round-Robin Protocol and Deception Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3571-3580	10.2	28
287	A complete stability analysis for planar delta operator systems subject to state saturation. <i>Asian Journal of Control</i> , 2020 , 22, 1537-1546	1.7	1
286	Fault estimation and active fault-tolerant control for discrete-time systems in finite-frequency domain. <i>ISA Transactions</i> , 2020 , 104, 184-191	5.5	8

285	Dual closed-loop tracking control for wheeled mobile robots via active disturbance rejection control and model predictive control. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 80-99	3.6	10
284	Event-triggered sequential fusion estimation with correlated noises. <i>ISA Transactions</i> , 2020 , 102, 154-163	3.5	3
283	Stochastic Spacecraft Trajectory Optimization With the Consideration of Chance Constraints. <i>IEEE Transactions on Control Systems Technology</i> , 2020 , 28, 1550-1559	4.8	12
282	Stackelberg-Game-Based Defense Analysis Against Advanced Persistent Threats on Cloud Control System. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1571-1580	11.9	11
281	H _∞ Control Problem of Discrete 2-D Switched Mixed Delayed Systems Using the Improved Lyapunov-Krasovskii Functional. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 2075-2087	2.9	2
280	Truly Distributed Finite-Time Attitude Formation-Containment Control for Networked Uncertain Rigid Spacecraft. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	1
279	Robust adaptive divided difference filter based on forgetting factors and its applications. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 1440-1455	2.8	
278	Bessel–Laguerre inequality and its application to systems with infinite distributed delays. <i>Automatica</i> , 2019 , 109, 108562	5.7	23
277	A novel learning-based global path planning algorithm for planetary rovers. <i>Neurocomputing</i> , 2019 , 361, 69-76	5.4	15
276	A review of optimization techniques in spacecraft flight trajectory design. <i>Progress in Aerospace Sciences</i> , 2019 , 109, 100543	8.8	39
275	Self-triggered MPC for trajectory tracking of unicycle-type robots with external disturbance. <i>Journal of the Franklin Institute</i> , 2019 , 356, 5593-5610	4	15
274	State estimation for linear systems with unknown input and random false data injection attack. <i>IET Control Theory and Applications</i> , 2019 , 13, 823-831	2.5	11
273	MPC-based defense strategy for distributed networked control systems under DoS attacks. <i>Systems and Control Letters</i> , 2019 , 128, 9-18	2.4	11
272	Attitude control for quadrotors subjected to wind disturbances via active disturbance rejection control and integral sliding mode control. <i>Mechanical Systems and Signal Processing</i> , 2019 , 129, 531-545	7.8	38
271	Predictive cloud control for multiagent systems with stochastic event-triggered schedule. <i>ISA Transactions</i> , 2019 , 94, 70-79	5.5	4
270	Network Scheduling and Control Co-Design for Multi-Loop MPC. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 5238-5245	5.9	10
269	Cooperative tracking control for general linear multiagent systems with directed intermittent communications: An artificial delay approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 3063-3077	3.6	5
268	Robust Self-Triggered MPC With Adaptive Prediction Horizon for Perturbed Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 4780-4787	5.9	32

267	Analysis and Synthesis of Delta Operator Systems with Actuator Saturation. <i>Studies in Systems, Decision and Control</i> , 2019 ,	0.8	3
266	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 444-454	7.3	85
265	Remote Nonlinear State Estimation With Stochastic Event-Triggered Sensor Schedule. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 734-745	10.2	23
264	Angle Tracking Adaptive Backstepping Control for a Mechanism of Pneumatic Muscle Actuators via an AESO. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 4566-4576	8.9	29
263	Future directions of networked control systems: A combination of cloud control and fog control approach. <i>Computer Networks</i> , 2019 , 161, 235-248	5.4	10
262	Analysis and design of chattering-free discrete-time sliding mode control. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 6572-6581	3.6	14
261	Trajectory Optimization of Space Maneuver Vehicle Using a Hybrid Optimal Control Solver. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 467-480	10.2	45
260	Robust Control for Markov Jump Systems. <i>Studies in Systems, Decision and Control</i> , 2019 , 291-308	0.8	
259	Fault detection for vehicle active suspension systems in finite-frequency domain. <i>IET Control Theory and Applications</i> , 2019 , 13, 387-394	2.5	13
258	Networked Control Systems' Fundamentals 2019 , 37-89		5
257	Control From the Cloud 2019 , 127-165		1
256	A Dual Closed-loop Control Scheme for Quadrotor under Disturbances 2019 ,		1
255	Distributed Covariance Intersection Fusion Estimation With Delayed Measurements and Unknown Inputs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-9	7.3	3
254	Time optimal model predictive control for linear systems based on ellipsoidal and polytopic sets. <i>International Journal of Control</i> , 2019 , 1-9	1.5	1
253	A Feedback Linearization and Saturated Control Structure for Quadrotor UAV 2019 ,		1
252	Event-triggered distributed fusion estimation with random transmission delays. <i>Information Sciences</i> , 2019 , 475, 67-81	7.7	20
251	Adaptive sliding-mode control for Mars entry trajectory tracking with finite-time convergence. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1249-1264	3.6	8
250	Two-Stage Trajectory Optimization for Autonomous Ground Vehicles Parking Maneuver. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3899-3909	11.9	30

249	Angle Attitude Control for a 2-DOF Parallel Mechanism of PMAs Using Tracking Differentiators. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8659-8669	8.9	9
248	Discrete-Time Sliding Mode Control With Disturbance Rejection. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7967-7975	8.9	34
247	Robust event-triggered model predictive control for constrained linear continuous system. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1216-1229	3.6	13
246	Finite-Time Synchronization for Chaotic Gyros Systems With Terminal Sliding Mode Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1131-1140	7.3	26
245	Security Research on Wireless Networked Control Systems Subject to Jamming Attacks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2022-2031	10.2	25
244	Double-Loop Stability for High Frequency Networked Control Systems Subject to Actuator Saturation. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1454-1462	10.2	11
243	Distributed fusion in wireless sensor networks based on a novel event-triggered strategy. <i>Journal of the Franklin Institute</i> , 2019 , 356, 10315-10334	4	11
242	Multilateral Telecoordinated Control of Multiple Robots With Uncertain Kinematics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2808-2822	10.3	10
241	Secure design for cloud control system against distributed denial of service attack. <i>Control Theory and Technology</i> , 2018 , 16, 14-24	1	19
240	Robust MPC for tracking constrained unicycle robots with additive disturbances. <i>Automatica</i> , 2018 , 90, 172-184	5.7	55
239	Position Control for Magnetic Rodless Cylinders With Strong Static Friction. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5806-5815	8.9	24
238	Security estimation under Denial-of-Service attack with energy constraint. <i>Neurocomputing</i> , 2018 , 292, 111-120	5.4	17
237	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018 , 54, 1575-1588	3.7	21
236	Nonuniform sampling Kalman filter for networked systems with Markovian packets dropout. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4218-4240	4	8
235	A new integral sliding mode design method for nonlinear stochastic systems. <i>Automatica</i> , 2018 , 90, 304-309	3.9	73
234	Quality-aware incentive mechanism based on payoff maximization for mobile crowdsensing. <i>Ad Hoc Networks</i> , 2018 , 72, 44-55	4.8	18
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