

Yang, Tang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Event-Triggered Multiagent Consensus Under Relative Output Sensing. IEEE Transactions on Cybernetics, 2024, 54, 915-928.	9.5	1
2	Generalized Nonconvex Nonsmooth Low-Rank Matrix Recovery Framework With Feasible Algorithm Designs and Convergence Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5342-5353.	11.3	8
3	Stability Analysis for Impulsive Stochastic Time-Varying Systems. IEEE Transactions on Automatic Control, 2023, 68, 2584-2591.	5.7	7
4	Event-Triggered Formation Control for a Class of Uncertain Euler-Lagrange Systems: Theory and Experiment. IEEE Transactions on Control Systems Technology, 2022, 30, 336-343.	5.2	33
5	Searching for Robustness Intervals in Evolutionary Robust Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 58-72.	10.0	4
6	Event-Triggered Fixed-Time Attitude Consensus With Fixed and Switching Topologies. IEEE Transactions on Automatic Control, 2022, 67, 4138-4145.	5.7	22
7	Stability Analysis of Semi-Markov Jump Stochastic Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 2084-2091.	5.7	19
8	Deep Direct Visual Odometry. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7733-7742.	8.0	14
9	An improved weighted optimization approach for large-scale global optimization. Complex & Intelligent Systems, 2022, 8, 1259-1280.	6.5	3
10	Quaternion-Based Attitude Synchronization With an Event-Based Communication Strategy. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1333-1346.	5.4	6
11	Aggressive Quadrotor Flight Using Curiosity-Driven Reinforcement Learning. IEEE Transactions on Industrial Electronics, 2022, 69, 13838-13848.	7.9	9
12	A Two-Level Energy Management Strategy for Multi-Microgrid Systems With Interval Prediction and Reinforcement Learning. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1788-1799.	5.4	25
13	Cooperative and Competitive Multi-Agent Systems: From Optimization to Games. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 763-783.	13.1	40
14	Numerical Simulation and Experimental Test of the Sliding Core Dynamics of a Pressure Controlled Jet Crushing Tool for Natural Gas Hydrate Exploitation. Processes, 2022, 10, 1033.	2.8	2
15	Risk identification and quantitative assessment method of offshore platform equipment. Energy Reports, 2022, 8, 7219-7229.	5.1	11
16	Unsupervised Monocular Depth Estimation in Highly Complex Environments. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 1237-1246.	4.9	14
17	Distributed Tracking for Discrete-Time Multiagent Networks via an Ultrafast Control Protocol. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7542-7552.	9.3	4
18	A New Fixed-Time Consensus Tracking Approach for Second-Order Multiagent Systems Under Directed Communication Topology. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2488-2500.	9.3	52

#	ARTICLE	IF	CITATIONS
19	Predefined-Time Consensus Tracking of Second-Order Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2550-2560.	9.3	81
20	A Watermarking Strategy Against Linear Deception Attacks on Remote State Estimation Under \mathcal{L} Divergence. IEEE Transactions on Industrial Informatics, 2021, 17, 3273-3281.	11.3	27
21	A Finite-Time Distributed Optimization Algorithm for Economic Dispatch in Smart Grids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2068-2079.	9.3	40
22	Establishment of a Risk Signature Based on m6A RNA Methylation Regulators That Predicts Poor Prognosis in Renal Cell Carcinoma. OncoTargets and Therapy, 2021, Volume 14, 413-426.	2.0	5
23	Cancer-Associated Fibroblasts Suppress Cancer Development: The Other Side of the Coin. Frontiers in Cell and Developmental Biology, 2021, 9, 613534.	3.7	31
24	Data-Driven Resilient Control for Linear Discrete-Time Multi-Agent Networks Under Unconfined Cyber-Attacks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 776-785.	5.4	18
25	A Privacy Preserving Distributed Optimization Algorithm for Economic Dispatch Over Time-Varying Directed Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 1689-1701.	11.3	58
26	Stability of time-varying systems with delayed impulsive effects. International Journal of Robust and Nonlinear Control, 2021, 31, 7825-7843.	3.7	11
27	The Trapped Charges at Grain Boundaries in Perovskite Solar Cells. Advanced Functional Materials, 2021, 31, 2107125.	14.9	47
28	Model-Free Event-Triggered Optimal Consensus Control of Multiple Euler-Lagrange Systems via Reinforcement Learning. IEEE Transactions on Network Science and Engineering, 2021, 8, 246-258.	6.4	27
29	Efficacy of rigosertib, a small molecular RAS signaling disrupter for the treatment of KRAS-mutant colorectal cancer. Cancer Biology and Medicine, 2021, 18, 0-0.	3.0	4
30	Two-Phase Jointly Optimal Strategies and Winning Regions of the Capture-the-Flag Game. , 2021, , .		3
31	Modeling for a Class of Correlated Random Delay and Packet Drop Channels. , 2021, , .		0
32	Stabilization of Linear Systems with Aperiodic Sampled-Data Control. , 2021, , .		0
33	Event-Based Tracking Control of Mobile Robot With Denial-of-Service Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3300-3310.	9.3	62
34	Twisting-Based Finite-Time Consensus for Euler-Lagrange Systems With an Event-Triggered Strategy. IEEE Transactions on Network Science and Engineering, 2020, 7, 1007-1018.	6.4	43
35	Cluster Tracking Performance Analysis of Linear Heterogeneous Multi-Agent Networks: A Complex Frequency Domain Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 259-270.	5.4	14
36	Resilient Consensus-Based Distributed Filtering: Convergence Analysis Under Stealthy Attacks. IEEE Transactions on Industrial Informatics, 2020, 16, 4878-4888.	11.3	25

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37	Efficient Quasi-Two-Dimensional Perovskite Light-Emitting Diodes with Improved Multiple Quantum Well Structure. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1721-1727.	8.0	25
38	Analysis of pressure-bearing performance and optimization of structural parameters of the slip in a compression packer. <i>Science Progress</i> , 2020, 103, 003685041988110.	1.9	9
39	Increased RAB31 Expression in Cancer-Associated Fibroblasts Promotes Colon Cancer Progression Through HGF-MET Signaling. <i>Frontiers in Oncology</i> , 2020, 10, 1747.	2.8	16
40	When Autonomous Systems Meet Accuracy and Transferability through AI: A Survey. <i>Patterns</i> , 2020, 1, 100050.	5.9	15
41	A Framework for Health State Evaluation of the Complex Mechanical System With its Occurrence Probability of Failure Mode. <i>IEEE Access</i> , 2020, 8, 73570-73587.	4.2	2
42	Rock-breaking mechanism and efficiency of straight-swirling mixed nozzle for the nondiagenetic natural gas hydrate in deep-sea shallow. <i>Energy Science and Engineering</i> , 2020, 8, 3740-3752.	4.0	13
43	Distributed Optimal Economic Dispatch with Uncoordinated Fixed Step Sizes for Microgrids. , 2020, , .		1
44	Analysis of Multi-Phase Mixed Slurry Horizontal Section Migration Efficiency in Natural Gas Hydrate Drilling and Production Method Based on Double-Layer Continuous Pipe and Double Gradient Drilling. <i>Energies</i> , 2020, 13, 3792.	3.1	3
45	Impacts of carrier trapping and ion migration on charge transport of perovskite solar cells with TiO _x electron transport layer. <i>RSC Advances</i> , 2020, 10, 28083-28089.	3.6	4
46	Improving ternary blend morphology by adding a conjugated molecule into non-fullerene polymer solar cells. <i>RSC Advances</i> , 2020, 10, 43508-43513.	3.6	6
47	An Autophagy-Related Long Noncoding RNA Signature Contributes to Poor Prognosis in Colorectal Cancer. <i>Journal of Oncology</i> , 2020, 2020, 1-13.	1.3	40
48	Hierarchical Design for Position-Based Formation Control of Rotorcraft-Like Aerial Vehicles. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 1789-1800.	3.7	20
49	Monocular depth estimation based on deep learning: An overview. <i>Science China Technological Sciences</i> , 2020, 63, 1612-1627.	4.0	161
50	Introduction to Focus Issue: When machine learning meets complex systems: Networks, chaos, and nonlinear dynamics. <i>Chaos</i> , 2020, 30, 063151.	2.5	62
51	Study on pressure-controlled sliding sleeve of jet breaking for natural gas hydrate mining based on throttle pressure drop principle. <i>Energy Science and Engineering</i> , 2020, 8, 1422-1437.	4.0	9
52	Mixed-dimensional self-assembly organic-inorganic perovskite microcrystals for stable and efficient photodetectors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5399-5408.	5.5	13
53	Pinning Controllability of k -Valued Logical Systems. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 1523-1533.	3.7	7
54	Distributed Constrained Optimization with Linear Convergence Rate. , 2020, , .		0

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55	Trajectory Planning for Unmanned Aircraft Vehicle via Set-Valued Filter. , 2020, , .		1
56	High-Dimensional Robust Multi-Objective Optimization for Order Scheduling: A Decision Variable Classification Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 293-304.	11.3	73
57	Input-to-State Stability of Time-Varying Switched Systems With Time Delays. IEEE Transactions on Automatic Control, 2019, 64, 2537-2544.	5.7	95
58	Simulation and experimental analysis of critical stress regions of deep-water annular blowout preventer. Engineering Failure Analysis, 2019, 106, 104161.	4.0	8
59	Discrete SnO ₂ Nanoparticle-Modified Poly(3,4-Ethylenedioxythiophene):Poly(Styrenesulfonate) for Efficient Perovskite Solar Cells. Solar Rrl, 2019, 3, 1970103.	5.8	4
60	Optimal Linear Exponential Quadratic Gaussian Estimation With Intermittent Observations. , 2019, 3, 936-941.		5
61	Event-Triggered Risk-Sensitive State Estimation for Hidden Markov Models. IEEE Transactions on Automatic Control, 2019, 64, 4276-4283.	5.7	26
62	Risk Identification and Quantitative Evaluation Method for Asset Integrity Management of Offshore Platform Equipment and Facilities. Mathematical Problems in Engineering, 2019, 2019, 1-14.	1.1	3
63	Discrete SnO ₂ Nanoparticle-Modified Poly(3,4-Ethylenedioxythiophene):Poly(Styrenesulfonate) for Efficient Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900162.	5.8	13
64	Quantitative Risk Evaluation Model of the Multilevel Complex Structure Hierarchical System in the Petrochemical Industry. Mathematical Problems in Engineering, 2019, 2019, 1-12.	1.1	1
65	Cycle-SfM: Joint self-supervised learning of depth and camera motion from monocular image sequences. Chaos, 2019, 29, 123102.	2.5	7
66	Leader-Following Synchronization of Coupled Homogeneous and Heterogeneous Harmonic Oscillators Based on Relative Position Measurements. IEEE Transactions on Control of Network Systems, 2019, 6, 13-23.	3.7	22
67	Stability Analysis for Continuous-Time Switched Systems With Stochastic Switching Signals. IEEE Transactions on Automatic Control, 2018, 63, 3083-3090.	5.7	143
68	Event-Triggered Control for Consensus Problem in Multi-Agent Systems With Quantized Relative State Measurements and External Disturbance. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2232-2242.	5.4	242
69	Aglycone Ebselen and Î ² -Xyloside Primed Glycosaminoglycans Co-contribute to Ebselen Î ² -Xyloside-Induced Cytotoxicity. Journal of Medicinal Chemistry, 2018, 61, 2937-2948.	6.4	22
70	Consensus of Networked Euler-Lagrange Systems Under Time-Varying Sampled-Data Control. IEEE Transactions on Industrial Informatics, 2018, 14, 535-544.	11.3	59
71	Ultra-fast Tracking Control of High-order Discrete-time Multi-agent Systems. , 2018, , .		2
72	Tracking Control for Non-Identical Euler-Lagrange Systems with An Event-triggered Observer. , 2018, , .		0

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73	Vision-Based Tracking Control of Quadrotor With Backstepping Sliding Mode Control. IEEE Access, 2018, 6, 72439-72448.	4.2	19
74	Event-based Leader-follower Consensus for Euler-Lagrange systems. , 2018, , .		1
75	A Quantitative Risk Analysis Method for the High Hazard Mechanical System in Petroleum and Petrochemical Industry. Energies, 2018, 11, 14.	3.1	21
76	Ultra-fast tracking control of high-order discrete-time multi-agent systems with H&inf&sup&inf performance specification. , 2018, , .		1
77	Event-Triggering Containment Control for a Class of Multi-Agent Networks With Fixed and Switching Topologies. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 619-629.	5.4	146
78	Online Performance Monitoring and Modeling Paradigm Based on Just-in-Time Learning and Extreme Learning Machine for a Non-Gaussian Chemical Process. Industrial & Engineering Chemistry Research, 2017, 56, 6671-6684.	3.7	43
79	Development and Application of an Engineering Simulator for HTR-PM Using THERMIX/BLAST and vPower. Nuclear Technology, 2017, 200, 27-44.	1.2	0
80	Performance monitoring of non-gaussian chemical processes with modes-switching using globality-locality preserving projection. Frontiers of Chemical Science and Engineering, 2017, 11, 429-439.	4.4	5
81	Input&state stability of nonlinear stochastic time&varying systems with impulsive effects. International Journal of Robust and Nonlinear Control, 2017, 27, 1792-1809.	3.7	41
82	Sampled-Data Consensus of Linear Multi-agent Systems With Packet Losses. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2516-2527.	11.3	204
83	A framework for identification of maintenance significant items in reliability centered maintenance. Energy, 2017, 118, 1295-1303.	8.8	60
84	Stabilization of fuzzy-modeled networked system with packet dropouts: An MDADT-based switching approach. , 2017, , .		0
85	Stabilization of networked nonlinear systems with time-varying transmission delays. , 2017, , .		0
86	Consensus control for agent networks with stationary leaders. , 2016, , .		0
87	Consensus Analysis of Second-Order Multi-Agent Networks With Sampled Data and Packet Losses. IEEE Access, 2016, 4, 8127-8137.	4.2	17
88	Stability Analysis of Stochastic Delayed Systems With an Application to Multi-Agent Systems. IEEE Transactions on Automatic Control, 2016, 61, 4143-4149.	5.7	122
89	Synchronization of Coupled Harmonic Oscillators via Sampled Position Data Control. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1079-1088.	5.4	51
90	Parameter Estimation of a Delay Time Model of Wearing Parts Based on Objective Data. Mathematical Problems in Engineering, 2015, 2015, 1-8.	1.1	1

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91	Study on stress distribution of a subsea Ram BOP body based on simulation and experiment. Engineering Failure Analysis, 2015, 50, 39-50.	4.0	16
92	A framework for making maintenance decisions for oil and gas drilling and production equipment. Journal of Natural Gas Science and Engineering, 2015, 26, 1050-1058.	4.4	22
93	Study on a Mechanical Semi-Active Heave Compensation System of Drill String for Use on Floating Drilling Platform. PLoS ONE, 2015, 10, e0133026.	2.5	4
94	Salinity-Induced Anti-Angiogenesis Activities and Structural Changes of the Polysaccharides from Cultured Cordyceps Militaris. PLoS ONE, 2014, 9, e103880.	2.5	17
95	Maintenance Decision Method Based on Risk Level. , 0, , .		0
96	Transient Characteristics of a Hydraulic Remote Control System with a Long Transmission Pipeline for Subsea Equipment and Devices. Arabian Journal for Science and Engineering, 0, , .	3.0	0
97	Transient mathematical prediction and experimental verification of the charging characteristics of subsea accumulators. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622210918.	2.1	0
98	Sealing mechanism of large size and large deformation rubber cylinder for pipeline intelligent plugging robot under multiple factors. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 0, , 095440892210973.	2.5	0