

Yang, Tang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Monocular depth estimation based on deep learning: An overview. Science China Technological Sciences, 2020, 63, 1612-1627.	4.0	161
4	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
5	Stability Analysis for Continuous-Time Switched Systems With Stochastic Switching Signals. IEEE Transactions on Automatic Control, 2018, 63, 3083-3090.	5.7	143
6	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
7	Input-to-State Stability of Time-Varying Switched Systems With Time Delays. IEEE Transactions on Automatic Control, 2019, 64, 2537-2544.	5.7	95
8	Predefined-Time Consensus Tracking of Second-Order Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2550-2560.	9.3	81
9	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
10	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
11	Introduction to Focus Issue: When machine learning meets complex systems: Networks, chaos, and nonlinear dynamics. Chaos, 2020, 30, 063151.	2.5	62
12	A framework for identification of maintenance significant items in reliability centered maintenance. Energy, 2017, 118, 1295-1303.	8.8	60
13	Consensus of Networked Euler-Lagrange Systems Under Time-Varying Sampled-Data Control. IEEE Transactions on Industrial Informatics, 2018, 14, 535-544.	11.3	59
14	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
15	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
16	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
17	The Trapped Charges at Grain Boundaries in Perovskite Solar Cells. Advanced Functional Materials, 2021, 31, 2107125.	14.9	47
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Input-to-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
21	An Autophagy-Related Long Noncoding RNA Signature Contributes to Poor Prognosis in Colorectal Cancer. Journal of Oncology, 2020, 2020, 1-13.	1.3	40
22	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
23	Cooperative and Competitive Multi-Agent Systems: From Optimization to Games. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 763-783.	13.1	40
24	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
25	Cancer-Associated Fibroblasts Suppress Cancer Development: The Other Side of the Coin. Frontiers in Cell and Developmental Biology, 2021, 9, 613534.	3.7	31
26	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
27	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
28	Event-Triggered Risk-Sensitive State Estimation for Hidden Markov Models. IEEE Transactions on Automatic Control, 2019, 64, 4276-4283.	5.7	26
29	Resilient Consensus-Based Distributed Filtering: Convergence Analysis Under Stealthy Attacks. IEEE Transactions on Industrial Informatics, 2020, 16, 4878-4888.	11.3	25
30	Efficient Quasi-Two-Dimensional Perovskite Light-Emitting Diodes with Improved Multiple Quantum Well Structure. ACS Applied Materials & Interfaces, 2020, 12, 1721-1727.	8.0	25
31	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
32	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
33	Aglycone Ebselen and β -Xyloside Primed Glycosaminoglycans Co-contribute to Ebselen β -Xyloside-Induced Cytotoxicity. Journal of Medicinal Chemistry, 2018, 61, 2937-2948.	6.4	22
34	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
35	Event-Triggered Fixed-Time Attitude Consensus With Fixed and Switching Topologies. IEEE Transactions on Automatic Control, 2022, 67, 4138-4145.	5.7	22
36	A Quantitative Risk Analysis Method for the High Hazard Mechanical System in Petroleum and Petrochemical Industry. Energies, 2018, 11, 14.	3.1	21

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37	Hierarchical Design for Position-Based Formation Control of Rotorcraft-Like Aerial Vehicles. IEEE Transactions on Control of Network Systems, 2020, 7, 1789-1800.	3.7	20
38	Vision-Based Tracking Control of Quadrotor With Backstepping Sliding Mode Control. IEEE Access, 2018, 6, 72439-72448.	4.2	19
39	Stability Analysis of Semi-Markov Jump Stochastic Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 2084-2091.	5.7	19
40	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
41	Salinity-Induced Anti-Angiogenesis Activities and Structural Changes of the Polysaccharides from Cultured Cordyceps Militaris. PLoS ONE, 2014, 9, e103880.	2.5	17
42	Consensus Analysis of Second-Order Multi-Agent Networks With Sampled Data and Packet Losses. IEEE Access, 2016, 4, 8127-8137.	4.2	17
43	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
44	Increased RAB31 Expression in Cancer-Associated Fibroblasts Promotes Colon Cancer Progression Through HGF-MET Signaling. Frontiers in Oncology, 2020, 10, 1747.	2.8	16
45	When Autonomous Systems Meet Accuracy and Transferability through AI: A Survey. Patterns, 2020, 1, 100050.	5.9	15
46	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
47	Deep Direct Visual Odometry. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7733-7742.	8.0	14
48	Unsupervised Monocular Depth Estimation in Highly Complex Environments. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 1237-1246.	4.9	14
49	Discrete SnO ₂ Nanoparticle-Modified Poly(3,4-Ethylenedioxythiophene):Poly(Styrenesulfonate) for Efficient Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900162.	5.8	13
50	Rock-breaking mechanism and efficiency of straight-swirling mixed nozzle for the nondiagenetic natural gas hydrate in deep-sea shallow. Energy Science and Engineering, 2020, 8, 3740-3752.	4.0	13
51	Mixed-dimensional self-assembly organic-inorganic perovskite microcrystals for stable and efficient photodetectors. Journal of Materials Chemistry C, 2020, 8, 5399-5408.	5.5	13
52	Stability of time-varying systems with delayed impulsive effects. International Journal of Robust and Nonlinear Control, 2021, 31, 7825-7843.	3.7	11
53	Risk identification and quantitative assessment method of offshore platform equipment. Energy Reports, 2022, 8, 7219-7229.	5.1	11
54	Analysis of pressure-bearing performance and optimization of structural parameters of the slip in a compression packer. Science Progress, 2020, 103, 003685041988110.	1.9	9

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55	Study on pressure-controlled sliding sleeve of jet breaking for natural gas hydrate mining based on throttle pressure drop principle. Energy Science and Engineering, 2020, 8, 1422-1437.	4.0	9
56	Aggressive Quadrotor Flight Using Curiosity-Driven Reinforcement Learning. IEEE Transactions on Industrial Electronics, 2022, 69, 13838-13848.	7.9	9
57	Simulation and experimental analysis of critical stress regions of deep-water annular blowout preventer. Engineering Failure Analysis, 2019, 106, 104161.	4.0	8
58	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
59	Cycle-SfM: Joint self-supervised learning of depth and camera motion from monocular image sequences. Chaos, 2019, 29, 123102.	2.5	7
60	Pinning Controllability of k -Valued Logical Systems. IEEE Transactions on Control of Network Systems, 2020, 7, 1523-1533.	3.7	7
61	Stability Analysis for Impulsive Stochastic Time-Varying Systems. IEEE Transactions on Automatic Control, 2023, 68, 2584-2591.	5.7	7
62	Improving ternary blend morphology by adding a conjugated molecule into non-fullerene polymer solar cells. RSC Advances, 2020, 10, 43508-43513.	3.6	6
63	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
64	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
65	Optimal Linear Exponential Quadratic Gaussian Estimation With Intermittent Observations. , 2019, 3, 936-941.		5
66	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
67	Discrete SnO ₂ Nanoparticle-Modified Poly(3,4-Ethylenedioxythiophene):Poly(Styrenesulfonate) for Efficient Perovskite Solar Cells. Solar Rrl, 2019, 3, 1970103.	5.8	4
68	Impacts of carrier trapping and ion migration on charge transport of perovskite solar cells with TiO _x electron transport layer. RSC Advances, 2020, 10, 28083-28089.	3.6	4
69	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
70	Searching for Robustness Intervals in Evolutionary Robust Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 58-72.	10.0	4
71	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
72	Efficacy of rigosertib, a small molecular RAS signaling disrupter for the treatment of <i>KRAS</i> -mutant colorectal cancer. Cancer Biology and Medicine, 2021, 18, 0-0.	3.0	4

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73	Risk Identification and Quantitative Evaluation Method for Asset Integrity Management of Offshore Platform Equipment and Facilities. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-14.	1.1	3
74	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
75	An improved weighted optimization approach for large-scale global optimization. <i>Complex & Intelligent Systems</i> , 2022, 8, 1259-1280.	6.5	3
76	Two-Phase Jointly Optimal Strategies and Winning Regions of the Capture-the-Flag Game. , 2021, , .		3
77	Ultra-fast Tracking Control of High-order Discrete-time Multi-agent Systems. , 2018, , .		2
78	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
79	Numerical Simulation and Experimental Test of the Sliding Core Dynamics of a Pressure Controlled Jet Crushing Tool for Natural Gas Hydrate Exploitation. <i>Processes</i> , 2022, 10, 1033.	2.8	2
80	Parameter Estimation of a Delay Time Model of Wearing Parts Based on Objective Data. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-8.	1.1	1
81	Event-based Leader-follower Consensus for Euler-Lagrange systems. , 2018, , .		1
82	Ultra-fast tracking control of high-order discrete-time multi-agent systems with H_{∞} performance specification. , 2018, , .		1
83	Quantitative Risk Evaluation Model of the Multilevel Complex Structure Hierarchical System in the Petrochemical Industry. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-12.	1.1	1
84	Distributed Optimal Economic Dispatch with Uncoordinated Fixed Step Sizes for Microgrids. , 2020, , .		1
85	Trajectory Planning for Unmanned Aircraft Vehicle via Set-Valued Filter. , 2020, , .		1
86	Event-Triggered Multiagent Consensus Under Relative Output Sensing. <i>IEEE Transactions on Cybernetics</i> , 2024, 54, 915-928.	9.5	1
87	Consensus control for agent networks with stationary leaders. , 2016, , .		0
88	Development and Application of an Engineering Simulator for HTR-PM Using THERMIX/BLAST and vPower. <i>Nuclear Technology</i> , 2017, 200, 27-44.	1.2	0
89	Stabilization of fuzzy-modeled networked system with packet dropouts: An MDADT-based switching approach. , 2017, , .		0
90	Stabilization of networked nonlinear systems with time-varying transmission delays. , 2017, , .		0

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91	Tracking Control for Non-Identical Euler-Lagrange Systems with An Event-triggered Observer. , 2018, , .		0
92	Maintenance Decision Method Based on Risk Level. , 0, , .		0
93	Distributed Constrained Optimization with Linear Convergence Rate. , 2020, , .		0
94	Modeling for a Class of Correlated Random Delay and Packet Drop Channels. , 2021, , .		0
95	Stabilization of Linear Systems with Aperiodic Sampled-Data Control. , 2021, , .		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