

Jie Chen

List of Publications by Year in descending order

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docs citations

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times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Data Injection Attacks in Cyber-Physical Systems. IEEE Transactions on Cybernetics, 2018, 48, 3302-3312.	9.5	119
2	Multisource Energy Harvesting System for a Wireless Sensor Network Node in the Field Environment. IEEE Internet of Things Journal, 2019, 6, 918-927.	8.7	105
3	Learning ReLU Networks on Linearly Separable Data: Algorithm, Optimality, and Generalization. IEEE Transactions on Signal Processing, 2019, 67, 2357-2370.	5.3	95
4	Sparse Phase Retrieval via Truncated Amplitude Flow. IEEE Transactions on Signal Processing, 2018, 66, 479-491.	5.3	82
5	Optimal Linear Quadratic Regulator of Switched Systems. IEEE Transactions on Automatic Control, 2019, 64, 2898-2904.	5.7	61
6	Distributed Cooperative Fault Detection for Multiagent Systems: A Mixed H_{∞}/H_2 Optimization Approach. IEEE Transactions on Industrial Electronics, 2018, 65, 6468-6477.	7.9	53
7	Distributed Computation of Linear Matrix Equations: An Optimization Perspective. IEEE Transactions on Automatic Control, 2019, 64, 1858-1873.	5.7	51
8	An Efficient Marginal-Return-Based Constructive Heuristic to Solve the Sensor-Weapon-Target Assignment Problem. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2536-2547.	9.3	51
9	Robust and Scalable Power System State Estimation via Composite Optimization. IEEE Transactions on Smart Grid, 2019, 10, 6137-6147.	9.0	47
10	Cooperative Robust Output Regulation for Second-Order Nonlinear Multiagent Systems With an Unknown Exosystem. IEEE Transactions on Automatic Control, 2018, 63, 3418-3425.	5.7	41
11	Optimal Partial Feedback Attacks in Cyber-Physical Power Systems. IEEE Transactions on Automatic Control, 2020, 65, 3919-3926.	5.7	41
12	Vision-Based Target Three-Dimensional Geolocation Using Unmanned Aerial Vehicles. IEEE Transactions on Industrial Electronics, 2018, 65, 8052-8061.	7.9	38
13	Distributed Optimal Consensus for Euler-Lagrange Systems Based on Event-Triggered Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4588-4598.	9.3	35
14	Adaptive Control for Rendezvous Problem of Networked Uncertain Euler-Lagrange Systems. IEEE Transactions on Cybernetics, 2019, 49, 2190-2199.	9.5	34
15	Input-to-State Stability of Perturbed Nonlinear Systems With Event-Triggered Receding Horizon Control Scheme. IEEE Transactions on Industrial Electronics, 2019, 66, 6393-6403.	7.9	34
16	A Fast Distributed Variational Bayesian Filtering for Multisensor LTV System With Non-Gaussian Noise. IEEE Transactions on Cybernetics, 2019, 49, 2431-2443.	9.5	34
17	Cooperative Pursuit With Multi-Pursuer and One Faster Free-Moving Evader. IEEE Transactions on Cybernetics, 2022, 52, 1405-1414.	9.5	30
18	Analysis of Role Switch for Cooperative Target Defense Differential Game. IEEE Transactions on Automatic Control, 2021, 66, 902-909.	5.7	30

#	ARTICLE	IF	CITATIONS
19	Output Consensus for Heterogeneous Linear Multiagent Systems With a Predictive Event-Triggered Mechanism. IEEE Transactions on Cybernetics, 2021, 51, 1993-2005.	9.5	27
20	Event-Triggered ADP for Nonzero-Sum Games of Unknown Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1905-1913.	11.3	26
21	Anomaly Detection and Identification for Multiagent Systems Subjected to Physical Faults and Cyberattacks. IEEE Transactions on Industrial Electronics, 2020, 67, 9724-9733.	7.9	23
22	A Smooth Double Proximal Primal-Dual Algorithm for a Class of Distributed Nonsmooth Optimization Problems. IEEE Transactions on Automatic Control, 2020, 65, 1800-1806.	5.7	22
23	The MR-CA Models for Analysis of Pollution Sources and Prediction of PM _{2.5} . IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 814-820.	9.3	22
24	Constructing Universally Rigid Tensegrity Frameworks With Application in Multiagent Formation Control. IEEE Transactions on Automatic Control, 2019, 64, 381-388.	5.7	21
25	Stability Analysis of Aperiodic Sampled-Data Systems: A Switched Polytopic System Method. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1054-1058.	3.0	20
26	Fully Distributed Dynamic State Estimation With Uncertain Process Models. IEEE Transactions on Control of Network Systems, 2018, 5, 1841-1851.	3.7	19
27	Discriminant Geometrical and Statistical Alignment With Density Peaks for Domain Adaptation. IEEE Transactions on Cybernetics, 2022, 52, 1193-1206.	9.5	18
28	Trajectory Planning for Improving Vision-Based Target Geolocation Performance Using a Quad-Rotor UAV. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 2382-2394.	4.7	17
29	Long-Range Binocular Vision Target Geolocation Using Handheld Electronic Devices in Outdoor Environment. IEEE Transactions on Image Processing, 2020, 29, 5531-5541.	9.8	17
30	Compressive Phase Retrieval via Reweighted Amplitude Flow. IEEE Transactions on Signal Processing, 2018, 66, 5029-5040.	5.3	16
31	Distributed Event-Triggered Control for Cooperative Output Regulation of Multiagent Systems With an Online Estimation Algorithm. IEEE Transactions on Cybernetics, 2022, 52, 1911-1923.	9.5	16
32	Mobile Energy Transfer in Internet of Things. IEEE Internet of Things Journal, 2019, 6, 9012-9019.	8.7	15
33	Data Collection Task Planning of a Fixed-Wing Unmanned Aerial Vehicle in Forest Fire Monitoring. IEEE Access, 2021, 9, 109847-109864.	4.2	15
34	Stability Analysis of Switched Nonlinear Systems With Multiple Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3947-3956.	9.3	14
35	Distributed Robust Fault Estimation Using Relative Measurements for Leader-Follower Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 4707-4715.	9.5	13
36	Local Domain Adaptation for Cross-Domain Activity Recognition. IEEE Transactions on Human-Machine Systems, 2021, 51, 12-21.	3.5	12

#	ARTICLE	IF	CITATIONS
37	Noise-Tolerant Techniques for Decomposition-Based Multiobjective Evolutionary Algorithms. IEEE Transactions on Cybernetics, 2020, 50, 2274-2287.	9.5	8
38	A Memetic Algorithm for Curvature-Constrained Path Planning of Messenger UAV in Air-Ground Coordination. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3735-3749.	5.2	8
39	Quantized Control of Networked Control Systems Under Stochastic Clock Offsets. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3004-3013.	9.3	7
40	Quantized Impulsive Control of Linear Systems Under Bounded Disturbances and DoS Attacks. IEEE Transactions on Control of Network Systems, 2022, 9, 993-1005.	3.7	7
41	An MPTD-Specialized MPPT Algorithm Used for a Novel Medium-Power Thermoelectric System. IEEE Transactions on Power Electronics, 2021, 36, 4187-4197.	7.9	6
42	Distributed Solver for Discrete-Time Lyapunov Equations Over Dynamic Networks With Linear Convergence Rate. IEEE Transactions on Cybernetics, 2022, 52, 937-946.	9.5	5
43	Distributed Continuous-Time Algorithm for Time-Varying Optimization With Affine Formation Constraints. IEEE Transactions on Automatic Control, 2023, 68, 2615-2622.	5.7	5
44	Distributed Optimization Design for Computation of Algebraic Riccati Inequalities. IEEE Transactions on Cybernetics, 2022, 52, 1924-1935.	9.5	4
45	Distributed Optimization Approach for Solving Continuous-Time Lyapunov Equations With Exponential Rate of Convergence. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1684-1691.	9.3	4
46	A Reconnaissance Penetration Game With Territorial-Constrained Defender. IEEE Transactions on Automatic Control, 2022, 67, 6295-6302.	5.7	4
47	A Unifying Framework for Human-Agent Collaborative Systems-Part I: Element and Relation Analysis. IEEE Transactions on Cybernetics, 2022, 52, 138-151.	9.5	3
48	Evolution of Controllers Under a Generalized Structure Encoding/Decoding Scheme With Application to Magnetic Levitation System. IEEE Transactions on Industrial Electronics, 2022, 69, 9655-9666.	7.9	3
49	Distributed Optimization Design of Iterative Refinement Technique for Algebraic Riccati Equations. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2833-2847.	9.3	3
50	A Two-Stage Hybrid Heuristic Algorithm for Simultaneous Order and Rack Assignment Problems. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2955-2967.	5.2	3
51	Attract-Repel Encoder: Learning Anomaly Representation Away From Landmarks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2466-2479.	11.3	2
52	Distributed Linear Equations Over Random Networks. IEEE Transactions on Automatic Control, 2023, 68, 2607-2614.	5.7	2
53	Distributed Stochastic Gradient Tracking Algorithm With Variance Reduction for Non-Convex Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-12.	11.3	0