

Guo Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9525040/publications.pdf>

Version: 2024-02-01

67
papers

2,848
citations

185998

28
h-index

168136

53
g-index

67
all docs

67
docs citations

67
times ranked

2717
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Computation for Sparse Load Shifting in Demand Side Management. IEEE Transactions on Smart Grid, 2017, 8, 250-261.	6.2	210
2	An extended method for obtaining S-boxes based on three-dimensional chaotic Baker maps. Chaos, Solitons and Fractals, 2007, 31, 571-579.	2.5	190
3	Event-triggered asynchronous intermittent communication strategy for synchronization in complex dynamical networks. Neural Networks, 2015, 66, 1-10.	3.3	169
4	Event-Triggered Distributed Average Consensus Over Directed Digital Networks With Limited Communication Bandwidth. IEEE Transactions on Cybernetics, 2016, 46, 3098-3110.	6.2	135
5	Attack structural vulnerability of power grids: A hybrid approach based on complex networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 595-603.	1.2	126
6	High-Performance Consensus Control in Networked Systems With Limited Bandwidth Communication and Time-Varying Directed Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1043-1054.	7.2	126
7	A Generalized Hopfield Network for Nonsmooth Constrained Convex Optimization: Lie Derivative Approach. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 308-321.	7.2	120
8	A novel heuristic method for obtaining S-boxes. Chaos, Solitons and Fractals, 2008, 36, 1028-1036.	2.5	103
9	An improved model for structural vulnerability analysis of power networks. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4259-4266.	1.2	96
10	Maximum power extraction for wind turbines through a novel yaw control solution using predicted wind directions. Energy Conversion and Management, 2018, 157, 587-599.	4.4	91
11	Exploring Reliable Strategies for Defending Power Systems Against Targeted Attacks. IEEE Transactions on Power Systems, 2011, 26, 1000-1009.	4.6	86
12	A Sliding Mode Based Damping Control of DFIG for Interarea Power Oscillations. IEEE Transactions on Sustainable Energy, 2017, 8, 258-267.	5.9	86
13	Distributed Consensus Optimization in Multiagent Networks With Time-Varying Directed Topologies and Quantized Communication. IEEE Transactions on Cybernetics, 2017, 47, 2044-2057.	6.2	79
14	Improving interdependent networks robustness by adding connectivity links. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 9-19.	1.2	77
15	Flexible transmission expansion planning associated with large-scale wind farms integration considering demand response. IET Generation, Transmission and Distribution, 2015, 9, 2276-2283.	1.4	76
16	Reinforcement Learning for Constrained Energy Trading Games With Incomplete Information. IEEE Transactions on Cybernetics, 2017, 47, 3404-3416.	6.2	76
17	Leader-following finite-time consensus in second-order multi-agent networks with nonlinear dynamics. International Journal of Control, Automation and Systems, 2013, 11, 422-426.	1.6	66
18	Leader-following exponential consensus of general linear multi-agent systems via event-triggered control with combinational measurements. Applied Mathematics Letters, 2015, 40, 35-39.	1.5	66

#	ARTICLE	IF	CITATIONS
19	Pinning exponential synchronization of complex networks via event-triggered communication with combinational measurements. <i>Neurocomputing</i> , 2015, 157, 199-207.	3.5	53
20	Advanced Pattern Discovery-based Fuzzy Classification Method for Power System Dynamic Security Assessment. <i>IEEE Transactions on Industrial Informatics</i> , 2015, 11, 416-426.	7.2	44
21	Leader-Following Consensus of Discrete-Time Multiagent Systems With Encoding�oding. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016, 63, 401-405.	2.2	43
22	Distributed mirror descent method for multi-agent optimization with delay. <i>Neurocomputing</i> , 2016, 177, 643-650.	3.5	43
23	Will electrical cyber“physical interdependent networks undergo first-order transition under random attacks?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 460, 235-245.	1.2	42
24	Consensus analysis of multiagent systems with second-order nonlinear dynamics and general directed topology: An event-triggered scheme. <i>Information Sciences</i> , 2016, 370-371, 598-622.	4.0	42
25	A fully distributed ADMM-based dispatch approach for virtual power plant problems. <i>Applied Mathematical Modelling</i> , 2018, 58, 300-312.	2.2	41
26	Power system cascading risk assessment based on complex network theory. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 482, 532-543.	1.2	40
27	A novel interval grey prediction model considering uncertain information. <i>Journal of the Franklin Institute</i> , 2013, 350, 3400-3416.	1.9	39
28	Event-triggered consensus in nonlinear multi-agent systems with nonlinear dynamics and directed network topology. <i>Neurocomputing</i> , 2016, 185, 105-112.	3.5	37
29	An improved framework for power grid vulnerability analysis considering critical system features. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 395, 405-415.	1.2	27
30	A power flow based model for the analysis of vulnerability in power networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 460, 105-115.	1.2	25
31	Optimization of iron ore sintering process based on ELM model and multi-criteria evaluation. <i>Neural Computing and Applications</i> , 2017, 28, 2247-2253.	3.2	24
32	Interpretable Memristive LSTM Network Design for Probabilistic Residential Load Forecasting. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 2297-2310.	3.5	21
33	Attraction Region Seeking for Power Grids. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017, 64, 201-205.	2.2	20
34	Operating Expense Optimization for EVs in Multiple Depots and Charge Stations Environment Using Evolutionary Heuristic Method. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 6599-6611.	6.2	20
35	Event-triggered nonlinear consensus in directed multi-agent systems with combinational state measurements. <i>International Journal of Systems Science</i> , 2016, 47, 3364-3377.	3.7	18
36	Cascading risk assessment in power-communication interdependent networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 540, 120496.	1.2	18

#	ARTICLE	IF	CITATIONS
37	Constrained consensus of asynchronous discrete-time multi-agent systems with time-varying topology. <i>Information Sciences</i> , 2015, 320, 223-234.	4.0	17
38	Event-triggered sampling scheme for pinning control in multi-agent networks with general nonlinear dynamics. <i>Neural Computing and Applications</i> , 2016, 27, 2587-2599.	3.2	17
39	Distributed subgradient method for multi-agent optimization with quantized communication. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 1201-1213.	1.2	17
40	Event-Based Semiglobal Consensus of Homogenous Linear Multi-Agent Systems Subject to Input Saturation. <i>Asian Journal of Control</i> , 2017, 19, 564-574.	1.9	17
41	Event-triggered control for multi-agent network with limited digital communication. <i>Nonlinear Dynamics</i> , 2015, 82, 1659-1669.	2.7	15
42	A fast dual proximal-gradient method for separable convex optimization with linear coupled constraints. <i>Computational Optimization and Applications</i> , 2016, 64, 671-697.	0.9	14
43	Simplified Sequential Simulation of Bulk Power System Reliability Via Chronological Probability Model of Load Supplying Capability. <i>IEEE Transactions on Power Systems</i> , 2018, 33, 2349-2358.	4.6	14
44	Event-Triggered Control for Multi-Agent Systems with General Directed Topology and Time Delays. <i>Asian Journal of Control</i> , 2016, 18, 945-953.	1.9	13
45	Distributed multi-agent optimization with inequality constraints and random projections. <i>Neurocomputing</i> , 2016, 197, 195-204.	3.5	12
46	A Comprehensive Model With Fast Solver for Optimal Energy Scheduling in RTP Environment. <i>IEEE Transactions on Smart Grid</i> , 2017, 8, 2314-2323.	6.2	12
47	Decentralized Optimal Reactive Power Dispatch of Optimally Partitioned Distribution Networks. <i>IEEE Access</i> , 2018, 6, 74051-74060.	2.6	12
48	A flexible framework of line power flow estimation for high-order contingency analysis. <i>International Journal of Electrical Power and Energy Systems</i> , 2015, 70, 1-8.	3.3	10
49	Distributed parameter estimation in unreliable sensor networks via broadcast gossip algorithms. <i>Neural Networks</i> , 2016, 73, 1-9.	3.3	10
50	Cluster lag synchronization of delayed heterogeneous complex dynamical networks via intermittent pinning control. <i>Neural Computing and Applications</i> , 2019, 31, 7945-7961.	3.2	10
51	Impulsive control for synchronizing delayed discrete complex networks with switching topology. <i>Neural Computing and Applications</i> , 2014, 24, 59-68.	3.2	9
52	Distributed parameter estimation in unreliable WSNs: Quantized communication and asynchronous intermittent observation. <i>Information Sciences</i> , 2015, 309, 11-25.	4.0	9
53	Evolutionary Aggregation Approach for Multihop Energy Metering in Smart Grid for Residential Energy Management. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 1058-1068.	7.2	8
54	Equivalency and unbiasedness of grey prediction models. <i>Journal of Systems Engineering and Electronics</i> , 2015, 26, 110-118.	1.1	7

#	ARTICLE	IF	CITATIONS
55	Diverting homoclinic chaos in a class of piecewise smooth oscillators to stable periodic orbits using small parametrical perturbations. <i>Neurocomputing</i> , 2015, 149, 1587-1595.	3.5	7
56	Enhanced evolutionary heuristic approaches for remote metering smart grid networks. <i>IET Networks</i> , 2016, 5, 153-161.	1.1	7
57	A new method of enhancing reliability for transmission expansion planning. <i>Journal of Modern Power Systems and Clean Energy</i> , 2014, 2, 341-349.	3.3	6
58	Distributed generalized Nash equilibrium seeking: A singular perturbation-based approach. <i>Neurocomputing</i> , 2022, 482, 278-286.	3.5	6
59	Verhulst Model of Interval Grey Number Based on Information Decomposing and Model Combination. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-8.	0.4	5
60	Complex Network Theory based Power Grid Vulnerability Assessment from Past to Future. , 2012, , .		4
61	Distributed mirror descent method for saddle point problems over directed graphs. <i>Complexity</i> , 2016, 21, 178-190.	0.9	4
62	A discriminant graph nonnegative matrix factorization approach to computer vision. <i>Neural Computing and Applications</i> , 2019, 31, 7879-7889.	3.2	4
63	Bipartite consensus of double-integrator multi-agent systems with nonuniform communication time delays. <i>Neural Computing and Applications</i> , 2021, 33, 2285-2295.	3.2	4
64	Consensus in networked dynamical systems with event-triggered control inputs and random switching topologies. <i>Neural Computing and Applications</i> , 2017, 28, 1095-1108.	3.2	3
65	On the weak ergodicity of the Markov Chain associated with a chaotic simulated annealing algorithm. , 2008, , .		0
66	Consensus-driven distributed control of battery energy storage systems for loading management in distribution networks. , 2016, , .		0
67	A distributed control for active power curtailment within a wind farm based on ratio consensus algorithms. , 2016, , .		0