Guo Chen

List of Publications by Year
in descending order

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	Distributed generalized Nash equilibrium seeking: A singular perturbation-based approach. Neurocomputing, 2022, 482, 278-286.	3.5	6
2	Interpretable Memristive LSTM Network Design for Probabilistic Residential Load Forecasting. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2297-2310.	3.5	21
3	Bipartite consensus of double-integrator multi-agent systems with nonuniform communication time delays. Neural Computing and Applications, 2021, 33, 2285-2295.	3.2	4
4	Evolutionary Aggregation Approach for Multihop Energy Metering in Smart Grid for Residential Energy Management. IEEE Transactions on Industrial Informatics, 2021, 17, 1058-1068.	7.2	8
5	Cascading risk assessment in power-communication interdependent networks. Physica A: Statistical Mechanics and Its Applications, 2020, 540, 120496.	1.2	18
6	Cluster lag synchronization of delayed heterogeneous complex dynamical networks via intermittent pinning control. Neural Computing and Applications, 2019, 31, 7945-7961.	3.2	10
7	A discriminant graph nonnegative matrix factorization approach to computer vision. Neural Computing and Applications, 2019, 31, 7879-7889.	3.2	4
8	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
9	A fully distributed ADMM-based dispatch approach for virtual power plant problems. Applied Mathematical Modelling, 2018, 58, 300-312.	2.2	41
10	Operating Expense Optimization for EVs in Multiple Depots and Charge Stations Environment Using Evolutionary Heuristic Method. IEEE Transactions on Smart Grid, 2018, 9, 6599-6611.	6.2	20
11	Decentralized Optimal Reactive Power Dispatch of Optimally Partitioned Distribution Networks. IEEE Access, 2018, 6, 74051-74060.	2.6	12
12	Simplified Sequential Simulation of Bulk Power System Reliability Via Chronological Probability Model of Load Supplying Capability. IEEE Transactions on Power Systems, 2018, 33, 2349-2358.	4.6	14
13	Optimization of iron ore sintering process based on ELM model and multi-criteria evaluation. Neural Computing and Applications, 2017, 28, 2247-2253.	3.2	24
14	Efficient Computation for Sparse Load Shifting in Demand Side Management. IEEE Transactions on Smart Grid, 2017, 8, 250-261.	6.2	210
15	A Comprehensive Model With Fast Solver for Optimal Energy Scheduling in RTP Environment. IEEE Transactions on Smart Grid, 2017, 8, 2314-2323.	6.2	12
16	Consensus in networked dynamical systems with event-triggered control inputs and random switching topologies. Neural Computing and Applications, 2017, 28, 1095-1108.	3.2	3
17	Attraction Region Seeking for Power Grids. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 201-205.	2.2	20
18	Reinforcement Learning for Constrained Energy Trading Games With Incomplete Information. IEEE Transactions on Cybernetics, 2017, 47, 3404-3416.	6.2	76

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19	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
20	Distributed subgradient method for multiâ€agent optimization with quantized communication. Mathematical Methods in the Applied Sciences, 2017, 40, 1201-1213.	1.2	17
21	Power system cascading risk assessment based on complex network theory. Physica A: Statistical Mechanics and Its Applications, 2017, 482, 532-543.	1.2	40
22	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
23	A Sliding Mode Based Damping Control of DFIG for Interarea Power Oscillations. IEEE Transactions on Sustainable Energy, 2017, 8, 258-267.	5.9	86
24	Eventâ€Based Semiglobal Consensus of Homogenous Linear Multiâ€Agent Systems Subject to Input Saturation. Asian Journal of Control, 2017, 19, 564-574.	1.9	17
25	Distributed mirror descent method for saddle point problems over directed graphs. Complexity, 2016, 21, 178-190.	0.9	4
26	Consensus-driven distributed control of battery energy storage systems for loading management in distribution networks. , 2016, , .		0
27	A distributed control for active power curtailment within a wind farm based on ratio consensus algorithms. , 2016, , .		0
28	A power flow based model for the analysis of vulnerability in power networks. Physica A: Statistical Mechanics and Its Applications, 2016, 460, 105-115.	1.2	25
29	Will electrical cyberâ€"physical interdependent networks undergo first-order transition under random attacks?. Physica A: Statistical Mechanics and Its Applications, 2016, 460, 235-245.	1.2	42
30	Enhanced evolutionary heuristic approaches for remote metering smart grid networks. IET Networks, 2016, 5, 153-161.	1.1	7
31	Eventâ€Triggered Control for Multiâ€Agent Systems with General Directed Topology and Time Delays. Asian Journal of Control, 2016, 18, 945-953.	1.9	13
32	Improving interdependent networks robustness by adding connectivity links. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 9-19.	1.2	77
33	Event-triggered consensus in nonlinear multi-agent systems with nonlinear dynamics and directed network topology. Neurocomputing, 2016, 185, 105-112.	3.5	37
34	Leader-Following Consensus of Discrete-Time Multiagent Systems With Encodingâ€"Decoding. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 401-405.	2.2	43
35	Event-Triggered Distributed Average Consensus Over Directed Digital Networks With Limited Communication Bandwidth. IEEE Transactions on Cybernetics, 2016, 46, 3098-3110.	6.2	135
36	Distributed multi-agent optimization with inequality constraints and random projections. Neurocomputing, 2016, 197, 195-204.	3.5	12

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37	Event-triggered nonlinear consensus in directed multi-agent systems with combinational state measurements. International Journal of Systems Science, 2016, 47, 3364-3377.	3.7	18
38	Consensus analysis of multiagent systems with second-order nonlinear dynamics and general directed topology: An event-triggered scheme. Information Sciences, 2016, 370-371, 598-622.	4.0	42
39	Distributed mirror descent method for multi-agent optimization with delay. Neurocomputing, 2016, 177, 643-650.	3.5	43
40	A fast dual proximal-gradient method for separable convex optimization with linear coupled constraints. Computational Optimization and Applications, 2016, 64, 671-697.	0.9	14
41	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
42	Distributed parameter estimation in unreliable sensor networks via broadcast gossip algorithms. Neural Networks, 2016, 73, 1-9.	3.3	10
43	Event-triggered sampling scheme for pinning control in multi-agent networks with general nonlinear dynamics. Neural Computing and Applications, 2016, 27, 2587-2599.	3.2	17
44	Equivalency and unbiasedness of grey prediction models. Journal of Systems Engineering and Electronics, 2015, 26, 110-118.	1.1	7
45	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
46	A flexible framework of line power flow estimation for high-order contingency analysis. International Journal of Electrical Power and Energy Systems, 2015, 70, 1-8.	3.3	10
47	Event-triggered asynchronous intermittent communication strategy for synchronization in complex dynamical networks. Neural Networks, 2015, 66, 1-10.	3.3	169
48	Advanced Pattern Discovery-based Fuzzy Classification Method for Power System Dynamic Security Assessment. IEEE Transactions on Industrial Informatics, 2015, 11, 416-426.	7.2	44
49	Pinning exponential synchronization of complex networks via event-triggered communication with combinational measurements. Neurocomputing, 2015, 157, 199-207.	3.5	53
50	Event-triggered control for multi-agent network with limited digital communication. Nonlinear Dynamics, 2015, 82, 1659-1669.	2.7	15
51	Constrained consensus of asynchronous discrete-time multi-agent systems with time-varying topology. Information Sciences, 2015, 320, 223-234.	4.0	17
52	Distributed parameter estimation in unreliable WSNs: Quantized communication and asynchronous intermittent observation. Information Sciences, 2015, 309, 11-25.	4.0	9
53	Diverting homoclinic chaos in a class of piecewise smooth oscillators to stable periodic orbits using small parametrical perturbations. Neurocomputing, 2015, 149, 1587-1595.	3.5	7
54	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
55	A new method of enhancing reliability for transmission expansion planning. Journal of Modern Power Systems and Clean Energy, 2014, 2, 341-349.	3.3	6
56	An improved framework for power grid vulnerability analysis considering critical system features. Physica A: Statistical Mechanics and Its Applications, 2014, 395, 405-415.	1.2	27
57	Impulsive control for synchronizing delayed discrete complex networks with switching topology. Neural Computing and Applications, 2014, 24, 59-68.	3.2	9
58	A novel interval grey prediction model considering uncertain information. Journal of the Franklin Institute, 2013, 350, 3400-3416.	1.9	39
59	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
60	Verhulst Model of Interval Grey Number Based on Information Decomposing and Model Combination. Journal of Applied Mathematics, 2013, 2013, 1-8.	0.4	5
61	Complex Network Theory based Power Grid Vulnerability Assessment from Past to Future. , 2012, , .		4
62	Exploring Reliable Strategies for Defending Power Systems Against Targeted Attacks. IEEE Transactions on Power Systems, 2011, 26, 1000-1009.	4.6	86
63	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
64	An improved model for structural vulnerability analysis of power networks. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4259-4266.	1.2	96
65	A novel heuristic method for obtaining S-boxes. Chaos, Solitons and Fractals, 2008, 36, 1028-1036.	2.5	103
66	On the weak ergodicity of the Markov Chain associated with a chaotic simulated annealing algorithm. , 2008, , .		0
67	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