Liang Yu

List of Publications by Year in descending order

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47 papers	1,814 citations	304743 22 h-index	361022 35 g-index
48 all docs	48 docs citations	48 times ranked	2072 citing authors

#	Article	IF	Citations
1	Joint Energy and Workload Scheduling for Fog-Assisted Multimicrogrid Systems: A Deep Reinforcement Learning Approach. IEEE Systems Journal, 2023, 17, 164-175.	4.6	7
2	Seed oil of Rosa roxburghii Tratt against non-alcoholic fatty liver disease in vivo and in vitro through PPARÎ±/PGC-1Î±-mediated mitochondrial oxidative metabolism. Phytomedicine, 2022, 98, 153919.	5.3	13
3	A hybrid borotungstate-coated metalâ€“organic framework with supercapacitance, photocatalytic dye degradation and H₂O₂ sensing properties. Dalton Transactions, 2022, 51, 7613-7621.	3.3	10
4	G Protein Subunit Gamma 5 Is a Prognostic Biomarker and Correlated with Immune Infiltrates in Hepatocellular Carcinoma. Disease Markers, 2022, 2022, 1-14.	1.3	4
5	Multi-Agent Deep Reinforcement Learning for HVAC Control in Commercial Buildings. IEEE Transactions on Smart Grid, 2021, 12, 407-419.	9.0	148
6	Anti-inflammatory glycosides from the roots of Paeonia intermedia C. A. Meyer. Natural Product Research, 2021, 35, 1452-1458.	1.8	3
7	Research Status of High-Purity Metals Prepared by Zone Refining. Materials, 2021, 14, 2064.	2.9	8
8	A Review of Deep Reinforcement Learning for Smart Building Energy Management. IEEE Internet of Things Journal, 2021, 8, 12046-12063.	8.7	136
9	LncRNA DiGeorge syndrome critical region gene 5: A crucial regulator in malignant tumors. Biomedicine and Pharmacotherapy, 2021, 141, 111889.	5.6	4
10	Optimal Operation of a Hydrogen-based Building Multi-Energy System under Uncertainties. , 2021, , .		2
11	Optimal HVAC Control in Shared Office Spaces Based on Deep Reinforcement Learning. , 2021, , .		1
12	Two new alcohol glycosides from the roots of Paeonia intermedia C. A. Meyer. Journal of Asian Natural Products Research, 2020, 22, 823-829.	1.4	1
13	Deep Reinforcement Learning for Smart Home Energy Management. IEEE Internet of Things Journal, 2020, 7, 2751-2762.	8.7	228
14	Incentive mechanism of different agricultural models to agricultural technology information management system. Sustainable Computing: Informatics and Systems, 2020, 28, 100423.	2.2	7
15	Cryptochlorogenic acid attenuates LPS-induced inflammatory response and oxidative stress via upregulation of the Nrf2/HO-1 signaling pathway in RAW 264.7 macrophages. International Immunopharmacology, 2020, 83, 106436.	3.8	47
16	Deep Reinforcement Learning and Blockchain for Peer-to-Peer Energy Trading among Microgrids. , 2020, , .		6
17	ROS -mediated p53 activation by juglone enhances apoptosis and autophagy in vivo and in vitro. Toxicology and Applied Pharmacology, 2019, 379, 114647.	2.8	37
18	Thermo-Mechanical Coupling Analyses for Al Alloy Brake Discs with Al2O3-SiC(3D)/Al Alloy Composite Wear-Resisting Surface Layer for High-Speed Trains. Materials, 2019, 12, 3155.	2.9	14

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19	Inotodiol inhibits cells migration and invasion and induces apoptosis via p53-dependent pathway in HeLa cells. Phytomedicine, 2019, 60, 152957.	5.3	25
20	Energy Optimization of HVAC Systems in Commercial Buildings Considering Indoor Air Quality Management. IEEE Transactions on Smart Grid, 2019, 10, 5103-5113.	9.0	45
21	Online Energy Management for a Sustainable Smart Home With an HVAC Load and Random Occupancy. IEEE Transactions on Smart Grid, 2019, 10, 1646-1659.	9.0	102
22	Price-Sensitivity Aware Load Balancing for Geographically Distributed Internet Data Centers in Smart Grid Environment. IEEE Transactions on Cloud Computing, 2018, 6, 1125-1135.	4.4	29
23	Distributed Real-Time Energy Management in Data Center Microgrids. IEEE Transactions on Smart Grid, 2018, 9, 3748-3762.	9.0	88
24	Distributed Real-Time HVAC Control for Cost-Efficient Commercial Buildings Under Smart Grid Environment. IEEE Internet of Things Journal, 2018, 5, 44-55.	8.7	48
25	Distributed Energy Optimization for HVAC Systems in University Campus Buildings. IEEE Access, 2018, 6, 59141-59151.	4.2	23
26	Eye-movement evidence of the time-course of attentional bias for threatening pictures in test-anxious students. Cognition and Emotion, 2017, 31, 781-790.	2.0	28
27	Fog-Assisted Operational Cost Reduction for Cloud Data Centers. IEEE Access, 2017, 5, 13578-13586.	4.2	38
28	Online Temperature Control of a Residential Building in Smart Grid Environment. , 2017, , .		2
29	Online energy management for data centers and electric vehicles in smart grid environment. , 2016, , .		3
30	Deep sequencing of the MHC region in the Chinese population contributes to studies of complex disease. Nature Genetics, 2016, 48, 740-746.	21.4	188
31	Joint Energy Management Strategy for Geo-Distributed Data Centers and Electric Vehicles in Smart Grid Environment. IEEE Transactions on Smart Grid, 2016, 7, 2378-2392.	9.0	42
32	Epigenome-Wide Association Analysis Identified Nine Skin DNA Methylation LociÂfor Psoriasis. Journal of Investigative Dermatology, 2016, 136, 779-787.	0.7	75
33	Distributed Online Energy Management for Data Centers and Electric Vehicles in Smart Grid. IEEE Internet of Things Journal, 2016, 3, 1373-1384.	8.7	35
34	Real-Time Energy Management for Cloud Data Centers in Smart Microgrids. IEEE Access, 2016, 4, 941-950.	4.2	36
35	Energy Cost Minimization for Distributed Internet Data Centers in Smart Microgrids Considering Power Outages. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 120-130.	5.6	94
36	Joint Workload and Battery Scheduling with Heterogeneous Service Delay Guaranteesfor Data Center Energy Cost Minimization. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1937-1947.	5.6	41

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37	Effect of Zn particles on ductility of the accumulative roll-bonding composites. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	5.1	4
38	Risk-Constrained Operation for Internet Data Centers in Deregulated Electricity Markets. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1306-1316.	5.6	43
39	Load Shaping Strategy Based on Energy Storage and Dynamic Pricing in Smart Grid. IEEE Transactions on Smart Grid, 2014, 5, 2868-2876.	9.0	62
40	Carbon-Aware Energy Cost Minimization for Distributed Internet Data Centers in Smart Microgrids. IEEE Internet of Things Journal, 2014, 1, 255-264.	8.7	62
41	Risk-constrained operation for internet data centers under smart grid environment. , 2013, , .		8
42	Risk management in Internet Data Center operations under smart grid environment. , 2012, , .		0
43	Fatigue life analysis of aluminum HS6061-T6 rims using finite element method. , 2011, , .		1
44	Calculation of electric field of the new cathode aluminum cell. , 2011, , .		2
45	Improving Achievable Traffic Load of Secondary Users under GoS Constraints in Cognitive Wireless Networks. , 2011, , .		4
46	Numerical Simulations of Compression Properties of SiC/Fe-20Cr Co-Continuous Composites. , 0, , 85-90.		1
47	Calculation of Lorentz Force Field of the Innovation Cathode Cell. , 0, , 91-96.		0