

Xi Chen

List of Publications by Year in descending order

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34
papers

1,422
citations

516710

16
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

1509
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a Double-Sided <i>LCLC</i> -Compensated Capacitive Power Transfer System With Predesigned Coupler Plate Voltage Stresses. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 128-137.	5.4	11
2	Multimicrogrid Load Balancing Through EV Charging Networks. IEEE Internet of Things Journal, 2022, 9, 5019-5026.	8.7	30
3	Stochastic Modeling and Analysis of Public Electric Vehicle Fleet Charging Station Operations. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9252-9265.	8.0	11
4	Deep Learning Based Model-Free Robust Load Restoration to Enhance Bulk System Resilience With Wind Power Penetration. IEEE Transactions on Power Systems, 2022, 37, 1969-1978.	6.5	19
5	An Electric Vehicle Battery-Swapping System: Concept, Architectures, and Implementations. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 175-194.	3.8	9
6	Vulnerability analysis of cyber physical systems under the false alarm cyber attacks. Physica A: Statistical Mechanics and Its Applications, 2022, 599, 127416.	2.6	3
7	Blockchain-Based Electric Vehicle Incentive System for Renewable Energy Consumption. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 396-400.	3.0	38
8	Impedance Modeling of DFIG Wind Farms With Various Rotor Speeds and Frequency Coupling. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 406-410.	3.0	12
9	A Graphical Game Approach to Electrical Vehicle Charging Scheduling: Correlated Equilibrium and Latency Minimization. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 505-517.	8.0	6
10	Impedance Modeling and Controllers Shaping Effect Analysis of PMSG Wind Turbines. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 1465-1478.	5.4	30
11	Mixed Numerology Interference Recognition Approach for 5G NR. IEEE Wireless Communications Letters, 2021, 10, 2135-2139.	5.0	5
12	Game Theoretic Approach to Extreme Fast Charging Location. , 2021, , .		0
13	Tri-Level Scheduling Model Considering Residential Demand Flexibility of Aggregated HVACs and EVs Under Distribution LMP. IEEE Transactions on Smart Grid, 2021, 12, 3990-4002.	9.0	47
14	Enabling Extreme Fast Charging Technology for Electric Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 466-470.	8.0	15
15	A High-Performance Energy Management System Based on Evolving Graph. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 350-354.	3.0	9
16	Sequential Recovery of Complex Networks Suffering From Cascading Failure Blackouts. IEEE Transactions on Network Science and Engineering, 2020, 7, 2997-3007.	6.4	33
17	An Adaptive Dual Prediction Scheme Based on Edge Intelligence. IEEE Internet of Things Journal, 2020, 7, 9481-9493.	8.7	12
18	Stochastic Workflow Authorizations with Queuing Constraints. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	5.4	0

#	ARTICLE	IF	CITATIONS
19	Batch-Assisted Verification Scheme for Reducing Message Verification Delay of the Vehicular Ad Hoc Networks. IEEE Internet of Things Journal, 2020, 7, 8144-8156.	8.7	15
20	Coordinated Bidding Strategy of Wind Farms and Power-to-Gas Facilities Using a Cooperative Game Approach. IEEE Transactions on Sustainable Energy, 2020, 11, 2545-2555.	8.8	96
21	Wide Design Range of Constant Output Current Using Double-Sided LC Compensation Circuits for Inductive-Power-Transfer Applications. IEEE Transactions on Power Electronics, 2019, 34, 2364-2374.	7.9	50
22	SDN-Based Handover Authentication Scheme for Mobile Edge Computing in Cyber-Physical Systems. IEEE Internet of Things Journal, 2019, 6, 8692-8701.	8.7	44
23	Stochastic Event-Triggered Cubature Kalman Filter for Power System Dynamic State Estimation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1552-1556.	3.0	38
24	Event-Trigger Heterogeneous Nonlinear Filter for Wide-Area Measurement Systems in Power Grid. IEEE Transactions on Smart Grid, 2019, 10, 2752-2764.	9.0	55
25	Optimal Robustness in Power Grids From a Network Science Perspective. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 126-130.	3.0	64
26	A Monte Carlo Simulation Approach to Evaluate Service Capacities of EV Charging and Battery Swapping Stations. IEEE Transactions on Industrial Informatics, 2018, 14, 3914-3923.	11.3	123
27	Evolving Graph Based Power System EMS Real Time Analysis Framework. , 2018, , .		10
28	A cooperative game approach for coordinating multi-microgrid operation within distribution systems. Applied Energy, 2018, 222, 383-395.	10.1	145
29	Novel Linearized Power Flow and Linearized OPF Models for Active Distribution Networks With Application in Distribution LMP. IEEE Transactions on Smart Grid, 2018, 9, 438-448.	9.0	253
30	Recognition and Vulnerability Analysis of Key Nodes in Power Grid Based on Complex Network Centrality. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 346-350.	3.0	159
31	Exploration of Graph Computing in Power System State Estimation. , 2018, , .		25
32	The Proactive Defense of Energy Internet Terminals Edge-Access Using the Network Topology Autoassociation. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2017, 7, 432-446.	3.6	4
33	Economic Power Capacity Design of Distributed Energy Resources for Reliable Community Microgrids. Energy Procedia, 2017, 142, 2561-2567.	1.8	11
34	Profit Maximization for Plug-In Electric Taxi With Uncertain Future Electricity Prices. IEEE Transactions on Power Systems, 2014, 29, 3058-3068.	6.5	40