Microgrid Research Jiaotong University

Engaged in electrical engineering education and in research on power electronics, distributed generation, power quality, microgrid, and smart load April 2017 - November 2020 Osaka ...

Xiaoyuan XU, Professor (Associate) | Cited by 1,085 | of Shanghai Jiao Tong University, Shanghai (SJTU) | Read 76 publications | Contact Xiaoyuan XU

Baojin Liu"s 25 research works with 287 citations and 1,113 reads, including: A Comprehensive Solution to Decentralized Coordinative Control of Distributed Generations in Islanded ...

Xiaoyu Cao received the Ph.D. degree in electrical engineering from Xi"an Jiaotong University, Xi"an, China, in 2019. He is currently a Professor with the Systems Engineering Institute at Xi ...

Ying HAN, Professor (Assistant) | Cited by 1,070 | of Southwest Jiaotong University, Chengdu | Read 33 publications | Contact Ying HAN

The control of DC microgrids is a growing area of research. DC distribution networks present an effective solution to the integration of stochastic energy sources as renewable energy and ...

Networked microgrids that integrate the hydrogen fueling stations (HFSs) with the on-site renewable energy sources (RES), power-to-hydrogen (P2H) facilities, and hydrogen storage ...

Hongtao Shi"s 17 research works with 255 citations and 790 reads, including: Control strategy for microgrid under three-phase unbalance condition

Muhammad KHAN, associate professor | Cited by 1,368 | of Shanghai Jiao Tong University, Shanghai (SJTU) | Read 139 publications | Contact Muhammad KHAN

Changying Zhao"s 18 research works with 191 ... while affiliated with Shanghai Jiao Tong University and other places ... provides the optimal configuration of the renewable-based ...

Ke Ma currently works at the Department of Electrical Engineering, Shanghai Jiao Tong University. Ke does research in Electrical Engineering.

Jiaqi Wu"s 7 research works with 110 citations and 561 reads, including: Design and parameter analysis of an improved pre-synchronization method for multiple inverters based on virtual ...

1. Flexible control technology for interconnected microgrids. 2. Integrated power system control technology

for ships. 3. Energy management technology for composite energy high-speed ...

07.2016-present, Assistant Professor, Shanghai Jiao Tong University, China 01.2015-07.2016, Postdoctoral Fellow, The Hong Kong Polytechnic University, Hong Kong 01.2014-01.2015, ...

Xi"an Jiaotong University ... The microgrid is increasingly important because of the rapid development of renewable energy. Meanwhile, power converter is an important interface, ...

All-electric ship fleets, which are distinct from landbased microgrid clusters, operate as maritime mobile microgrid clusters, navigating among multiple ports to satisfy various...

In DC microgrids, the discrete piecewise droop con-trol is an attractive decentralized control strategy due to its ability to better achieve load distribution targets within a preset bus volt-age ...

Liansong Xiong is currently a Associate Professor at School of Electrical Engineering, Xi"an Jiaotong University. His research interests include power quality, renewable energy ...

Xi"an Jiaotong University ... of scheduling results directly influence the operational feasibility of regional microgrids. To this end, this paper proposes a new multistage generation scheduling ...

Arshad Nawaz has completed PhD degree from Shanghai Jiao Tong University. His area of research is Distributed Control of microgrid, Energy management, resiliency of networked ...

Rudai Yan received the B.E. degree from Xi"an Jiaotong University, Xi"an, China in 2019, in electrical engineering (EE). He is now pursuing the Ph.D degree at School of Electrical and ...

Shanghai Jiao Tong University. Principal Investigator: Guojie li | Renewable energy integration and control, Microgrid Modling and control, AC/DC hybrid power system analysis and...

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