

Anwei Jiyuan Power Grid Ruan Haibo

In this paper, according to the actual characteristics of power equipment infrared image, the network structure and parameters of Faster RCNN are adjusted. Through the ...

Haibo He is a Professor at the Department of Electrical, Computer and Biomedical Engineering at the University of Rhode Island. His main research interest is computational intelligence, with a particular focus on neural ...

H. B. Ruan currently works at the Research Insitute for New Materials Technology, Chongqing University of Arts and Sciences. H. does research in Materials Physics and Physical ...

The book contains both basic and advanced technical information about smart hybrid AC/DC microgrids, featuring a detailed discussion of microgrid structures, communication ...

Stability of interacting grid-connected power converters Cheng WAN, Meng HUANG, Chi K. TSE (&), Xinbo RUAN Abstract The power grid in a typical micro distribution system is non-ideal, ...

According to the University of Science and Technology of China (USTC), important new progress has been made in the research of quantum communication and ...

The companies also expect the new recharging facilities to help improve the flexibility and resilience of the power grid by actively balancing the demand and supply of ...

When a power grid fault occurs, the drone s will receive instructions and promptly f ly to the problem area Making use of high-end artificial intelligence technologies, the drones are able to ...

The power grid in a typical micro distribution system is non-ideal, presenting itself as a voltage source with significant impedance. Thus, grid-connected converters interact ...

To serve China's dual carbon goals to peak carbon dioxide emissions before 2030 and achieve carbon neutrality before 2060, the State Grid Suzhou Power Supply ...

Control Techniques for LCL-Type Grid-Connected Inverters (CPSS Power Electronics Series) [Ruan, Xinbo, Wang, Xuehua, Pan, Donghua, Yang, Dongsheng, Li, ...

Based on above framework, this study analyzes quantitatively the optimum inter-regional power transmission planning under various policy scenarios, and estimates its ...



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Haibo Ruan; Given a finite graph (network), let every node (cell) represent an individual dynamics given by a system of ordinary differential equations, and every arrow (edge) encode the ...

The smart grid is built on a monolithic physical infrastructure of electrical power systems which have been generally categorised into generation, transmission, and distribution ...

The applications of AI play a significant role in promoting energy efficiency and realizing sustainable development (Ahmed et al., 2022), which helps power grid operators with ...

Line Loss is Obtained by Using the Load Power of Cattle Rafah . Dongyue Sun, Haibo Ruan . Anhui Nanrui Jiyuan Power Grid Technology Co., Ltd., Hefei, Anhui Province, China

Xinbo Ruan (Fellow, IEEE) received the B.S. and Ph.D. degrees in electrical engineering from the Nanjing University of Aeronautics and Astronautics (NUAA), Nanjing, China, in 1991 and 1996, ...

(1) Yan Tang, Haibo Ruan*, Yao Chen, Jing Xiang, Hongdong Liu, Rong Jin, Dongping Shi, Shanyong Chen, Jin Zhang, A flexible, room-temperature and solution-processible copper ...

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According to the University of Science and Technology of China (USTC), important new progress has been made in the research of quantum communication and quantum networks.

F. Atay and H. Ruan, Symmetry analysis of coupled scalar systems under time delay, Nonlinearity 28 (2015) 795-824 pdf. M. Aguiar and H. Ruan, Evolution of synchrony under combination of ...

Yingjun Ruan's 59 research works with 1,358 citations and 6,075 reads, including: Fault detection and diagnosis of energy system based on deep learning image recognition model under the ...

A generalized second- order complex-vector filter and a third-order complex- vector filter are proposed with the CVFM to achieve better dynamic performance or higher ...

Dongyue Sun, Haibo Ruan. The Low-Voltage Distribution Area of Theoretical Line Loss is Obtained by Using the Load Power of Cattle Rafah. Journal of Artificial Intelligence Practice ...

As the new generation of power scheme, smart grid is proposed to overcome the shortcomings of traditional systems, such as low efficiency and reliability. In this article, a novel lattice-based ...

Anhui Jiyuan Software Co., Ltd. announced a private placement of common shares for the gross proceeds of CNY 80,000,000 on November 25, 2020. ... State Grid ...



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Abstract: Digital twin power grid aims to build the digital twin of physical power grid for power grid company using the emerging digital twin technology. The three key characteristics of digital ...

Wang, X, Ruan, X, Liu, S & Tse, CK 2010, "Full feedforward of grid voltage for grid-connected inverter with LCL filter to suppress current distortion due to grid voltage harmonics ", IEEE ...

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generators and the grid, e.g., singularity problem. In [11]-[14], 77 a detailed form of dynamics and algebraic constraints was pre-78 sented for the grid when constant-power loads are ...

Control Techniques for LCL-Type Grid-Connected Inverters by Xinbo Ruan, Xuehua Wang, Donghua Pan, Dongsheng Yang, Weiwei Li, Chenlei Bao, Aug 07, 2017, ...

1 Anhui Nanrui Jiyuan Power Grid Technology Co., Ltd., Hefei, Anhui Province, China. Corresponding Author Dongyue Sun ABSTRACT. ... Dongyue Sun, Haibo Ruan. The Low ...

Jiyuan, a county-level city of Central China"s Henan province, has widely utilized drones to inspect and improve the local power grid, as part of its efforts to ensure a stable ...

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