

Series-Parallel Converter-Based Microgrids: System-Level Control and Stability is the first book to provide a comprehensive and in-depth introduction to the rapid development of series-parallel converter applications in the microgrid system. ...

Jiayi Liu's 9 research works with 46 citations and 427 reads, including: Decentralized Secondary Frequency Control of Autonomous Microgrids via Adaptive Robust L2-Gain Performance

M.S. degree in E. E. from Harbin Institute of Technology, 2016~2018. ... This paper investigates power sharing and power quality improvement issues of islanded single-/three-phase ...

Abstract. As a small-scale power system, microgrid (MG) will lose support from the main grid if it switches to islanded mode because of the pre-planned scheduling or unplanned disturbances. To synchronise the frequency ...

The hierarchical control method of the microgrid was proposed in [12,13], and a microgrid central controller (MGCC) was used to obtain the reactive power of each DG unit, calculate the ...

Zhixiong ZHONG | Cited by 704 | of Harbin Institute of Technology, Harbin (HIT) | Read 31 publications | Contact Zhixiong ZHONG ... microgrids through distributed controller design that ...

Haoyu LI | Cited by 266 | of Harbin Institute of Technology, Harbin (HIT) | Read 40 publications | Contact Haoyu LI ... Research on Pre-Synchronization Control Strategy for Microgrid VSG ...

Guoxing Yu's research while affiliated with Harbin Institute of Technology at Weihai and other ... a consensus-based algorithm for frequency regulation in isolated microgrid has been proposed ...

Harbin Institute of Technology Shenzhen Graduate School ... With the increasing availability of DC microgrids (MGs), the DC-MG cluster will develop quickly as the connection of different DC ...

Zigao XU | Cited by 278 | of Harbin Institute of Technology, Harbin (HIT) | Read 25 publications | Contact Zigao XU. ... CROM Center for Research on Microgrids - Aalborg University; Current ...

Tiankui SUN | Cited by 80 | of Harbin Institute of Technology, Harbin (HIT) | Read 7 publications | Contact Tiankui SUN ... An optimal microgrid dispatch algorithm for scheduling multiple CHPs ...

Xuewei Pan's research while affiliated with Harbin Institute of Technology and other places. Overview. ... In a hybrid AC/DC microgrid (MG), the interlinking converter (IC) plays an ...

Harbin Institute of Technology at Weihai ... Recently, the DC microgrid (MG) has caught people's attention because of its simpler control system than the AC microgrid. In this paper, the bus ...

Web: <https://www.gmchrzaszcz.pl>