**Dan Zhang**

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**Education**

**P.H.D.**

09/2016-12/2021 Major: Electrical engineering

University: Shanghai Jiaotong University, Shanghai, China.

**Research Interests**

Control technology for high power electronic, and energy storage technology.

**Employment**

01/2022-Present

Senior engineer in Key Laboratory of Marine Technology & Control Engineering of Ministry of Communications, Shanghai Maritime University, Shanghai, China.

**Publications**

[1] Dan Zhang, HongLiang Li, JianGuo Jiang. A novel photovoltaic battery energy storage system based on modular multilevel converter[J]. Journal of Renewable and Sustainable Energy. 2018, 10(5):1-15. (SCI)

[2] Dan Zhang, JianGuo Jiang. Reliable voltage balancing control based on hybrid algorithm for modular multilevel converter[J]. Microelectronics Reliability. 2019, 100:1-12. (SCI)

[3] Dan Zhang, Jiayan Jiang, Jianguo Jiang, et al. Cyclic utilization control for regenerative braking energy of metro based on high speed flywheel array[J]. AIP Advances. 2019, 9(11):1-8. (SCI)