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Education

PhD, Department of Electrical Engineering, National Sun Yat-sen University, 2021/6

Area of Specialty

Lean Smart Manufacturing System

Internet of thing

Zero Carbon Emission System

Academic Experience

Assistant Professor, Department of Information Management, Southern Taiwan

University of Science and Technology, 2022/8 to present

Journal Papers

1. Teng, Jen-Hao, and Chia-Hung Hsieh. 2021. "Modeling and Investigation of Demand Response Uncertainty on Reliability Assessment" *Energies* 14, no. 4: 1104.
2. Teng, Jen-Hao, Chia-Hung Hsieh, Shang-Wen Luan, Bo-Ren Lan, and Yun-Fang Li. 2018. "Systematic Effectiveness Assessment Methodology for Fault Current Indicators Deployed in Distribution Systems" *Energies* 11, no. 10: 2582.

Conference Papers

1. Z.-H. Wu, Y.-Q. Huang, J.-H. Teng, W.-H. Huang and **C.-H. Hsieh**, "Novel Partial Shading Detection and Fast MPPT for Photovoltaic Generation Systems," 2022 IEEE IAS Global Conference on Emerging Technologies (GlobConET), Arad, Romania, 2022, pp. 316-320, doi: 10.1109/GlobConET53749.2022.9872348.
2. Zhen-Hao Wu, Yong-Qing Huang, Jen-Hao Teng, Wei-Hao Huang and **Chia-Hung Hsieh**, " Novel Partial Shading Detection and Fast MPPT for Photovoltaic Generation Systems," 2022 IEEE IAS Global Conference on Emerging Technologies (GlobConET), 2022.
3. **C.-H. Hsieh** et al., "Design and Development of an Operational Performance Index for Power Generation Systems," 2018 IEEE International Conference on Advanced Manufacturing (ICAM), 2018, pp. 310-313.

Patents

1. Analysis method of power system status ,LICENSEID:I783826, 2022/11/11