Green Journals

International Approved Journals

Journal Information

Journal Title	IEEE TRANSACTIONS ON SMART GRID
Publisher	IEEE
ISSN	1949-3053
E-ISSN	1949-3061
Database	Clarivate
Domain	Physical Sciences, Social Sciences

Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019	✓	✓	✓	
2018		✓		

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

Enhancing Resilience of Power Distribution Systems Under Cyber-Physical Hybrid Attacks: A Coordinated Localization and Restoration Strategy With Feeder Automation
2026-11 Vol. 17 Issue 6 Pages 6291-6304
Authors: Rong Zeng, Xin Zhang, Rui Zhang
DOI: 10.1109/tsg.2026.3694477

Robust Observer-Enhanced Resilient Control of Grid-Following LCL Inverters Under Cyber Sensor Attacks
2026-11 Vol. 17 Issue 6 Pages 6368-6380
Authors: Mahdi Bahrami Khah, Nima Mahdian Dehkordi, Amin Daneshmehr et al.
DOI: 10.1109/tsg.2026.3699332

A Behavioral-Strategic Market Mechanism for Energy Sharing: Integrating LLM-Driven Bounded Rationality With Regulatory Optimization
2026-11 Vol. 17 Issue 6 Pages 6217-6232
Authors: Junjie Huang, Tao Yu, Zhenning Pan et al.
DOI: 10.1109/tsg.2026.3708850

A Spatiotemporal Information Extraction-Based FDI Attack Detection and Data Recovery Architecture for Wind Power Prediction Systems
2026-11 Vol. 17 Issue 6 Pages 6381-6395
Authors: Xuguo Jiao, Xinxin Zhao, Ruilong Deng et al.
DOI: 10.1109/tsg.2026.3700490

Distributed Resilient Power Control Strategy Against Data Injection Attacks in Wind Farms
2026-11 Vol. 17 Issue 6 Pages 6534-6546
Authors: Shiyi Zhao, Ruilong Deng, Jinhui Xia et al.
DOI: 10.1109/tsg.2026.3711845

Beyond Energy Trading: AI-Enhanced Peer-to-Peer Energy Bartering
2026-11 Vol. 17 Issue 6 Pages 6189-6201
Authors: Abdulrezzak Zekiye, Ouns Bouachir, Öznur Özkasap et al.
DOI: 10.1109/tsg.2026.3695006

Cost-Aware Detection and Mitigation of Charge Manipulation Attacks in Electric Vehicle Aggregations
2026-11 Vol. 17 Issue 6 Pages 6233-6245
Authors: Rahul Kumar Dubey, Bijaya Ketan Panigrahi
DOI: 10.1109/tsg.2026.3688930

Infrequent Control of Thermostatically Controlled Loads for Fast Power System Services
2026-11 Vol. 17 Issue 6 Pages 5488-5497
Authors: Ioannis M. Granitsas, Ian A. Hiskens, Johanna L. Mathieu
DOI: 10.1109/tsg.2026.3709415

Learning a Unified Feasibility--Cost Interface for Heterogeneous Flexible Resources
2026-11 Vol. 17 Issue 6 Pages 6969-6972
Authors: Shuai Lu, Mingji Chen, Wei Gu et al.
DOI: 10.1109/tsg.2026.3723643

Reconnection-Time-Optimal Fractional-Chaotic SIR-Gossip Control for Resilient Microgrid Islanding and Reconnection
2026-11 Vol. 17 Issue 6 Pages 6914-6927
Authors: Yan Zheng, Ruifeng Zhu, Yang Lu et al.
DOI: 10.1109/tsg.2026.3698871