Green Journals

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Journal Information

Journal Title	JOURNAL OF POWER ELECTRONICS
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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

Control algorithms for mitigating unbalance and voltage distortion in three-phase four-wire inverters
2026-11-5
Authors: Jae-ha Hwang, Hyeong-Jin Lee, Kwan-Yuhl Cho et al.
DOI: 10.1007/s43236-026-01423-z

Lithium-ion battery state-of-health estimation based on self-adaptive physics-informed neural networks
2026-10-21
Authors: Jiaqing Shen, Caiyun Xie, Ying Ma et al.
DOI: 10.1007/s43236-026-01391-4

Coordinated power control strategy for wind farm–energy storage systems
2026-10-16
Authors: Chengkang Du, Wuquan Zhang, Xingjian Luo et al.
DOI: 10.1007/s43236-026-01421-1

RIME optimized multi-scale CNN-BiLSTM for internal short-circuit fault diagnosis in lithium-ion batteries
2026-10-16
Authors: Shengli Wu, Xinting Chen, Wenting Xing et al.
DOI: 10.1007/s43236-026-01416-y

Adaptive sliding mode observer-based sensorless control system for PMSMs under low carrier ratios
2026-10-16
Authors: Quntao An, Liying Wang, Mengji Zhao et al.
DOI: 10.1007/s43236-026-01411-3

Disturbance-observer-based model predictive control for frequency regulation of virtual synchronous generators
2026-10-16
Authors: Zhiwei Xiang, Kangli Liu, Jingyang Zhou et al.
DOI: 10.1007/s43236-026-01407-z

Fault-tolerant MTPA control with low torque ripple for five-phase IPMSMs under single-phase open-circuit fault
2026-10-16
Authors: Peng Zhou, Yihong Qin, Jinhua Liang et al.
DOI: 10.1007/s43236-026-01400-6

Hybrid co-simulation and real-time validation techniques for power electronics-dominated grids
2026-10-12 Vol. 26 Issue 11 Pages 2290-2305
Authors: Seonri Hong, Hyejin Kim, Jonghoon Kim et al.
DOI: 10.1007/s43236-026-01394-1

Rotor position estimation using two linear Hall sensors for external-rotor PMSMs
2026-10-7
Authors: Ciyong Luo, Zeyu Li, Sheng Zhou et al.
DOI: 10.1007/s43236-026-01404-2

Dual-PMSM predictive position synchronization control based on adaptive weight dynamic adjustment
2026-10-7
Authors: Zhiqiang Wang, Zhiwei Sun, Baorui Zhao et al.
DOI: 10.1007/s43236-026-01402-4