Green Journals

International Approved Journals

Journal Information

Journal Title	IEEE TRANSACTIONS ON ENERGY CONVERSION
Publisher	IEEE
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Database	Clarivate
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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

Analysis and Calculation of the Control Winding Current During Crowbarless Asymmetrical Low-Voltage Ride-Through for Brushless Doubly-Fed Induction Generators
2026-9 Vol. 41 Issue 3 Pages 1948-1961
Authors: Ailing Zhang, Huibin Fan, Hao Wu et al.
DOI: 10.1109/tec.2026.3657650

Analysis and Elimination of Current Measurement Scaling Error for High-Frequency Voltage Injection-Based Sensorless Control
2026-9 Vol. 41 Issue 3 Pages 2331-2343
Authors: Yongkang Zhang, Jiyao Wang, Youkang Hu et al.
DOI: 10.1109/tec.2026.3661923

A Direct Harmonic Current Suppression Technique for Dual Three-Phase PMSM System
2026-9 Vol. 41 Issue 3 Pages 2699-2702
Authors: Wei Hu, Xinfu Li, Yousu Yao et al.
DOI: 10.1109/tec.2026.3690281

Spatial-Constrained Structure Optimization of the Mover for Minimizing Power Consumption in Maglev Planar Motors
2026-9 Vol. 41 Issue 3 Pages 2570-2581
Authors: Qian Zeng, Han Zhang, Wei Pang et al.
DOI: 10.1109/tec.2026.3674968

Multi-Stress Aging of Service-Aged and Backup Hydrogenerator Stator Coils Under Load Cycling
2026-9 Vol. 41 Issue 3 Pages 2649-2657
Authors: Emre Kantar, Torstein G. Aakre, Espen Eberg
DOI: 10.1109/tec.2026.3690784

PLL-Free Approach: Reactive Power-Based Synchronization in Grid-Following Inverters
2026-9 Vol. 41 Issue 3 Pages 1813-1823
Authors: Zehua Tang, Tao Hu, Grazia Todeschini
DOI: 10.1109/tec.2026.3657222

Impact of Shielding Configurations With Magnetic-Electrically Conductive Alloy on Multi-Physical Fields in the End Region of Air-Cooled Synchronous Condenser
2026-9 Vol. 41 Issue 3 Pages 2293-2307
Authors: Tianhuai Qiao, Weili Li, Wenmao Liu et al.
DOI: 10.1109/tec.2026.3686179

Battery Storage in More- and All-Electric Fishing Vessels: Real-Time Simulation and Experimental Verification
2026-9 Vol. 41 Issue 3 Pages 1971-1983
Authors: Phillip Lewis, Milad Beikbabaei, Chandler Kemp et al.
DOI: 10.1109/tec.2026.3679977

A Novel Modified Logistic Function Based PV Source Modeling for PV Power Applications
2026-9 Vol. 41 Issue 3 Pages 2703-2706
Authors: Durgesh Chandra Nautiyal, Himanshu Sekhar Sahu, Vijay Kumar Chakka
DOI: 10.1109/tec.2026.3703650

Manufacturability Oriented Topology Optimization Framework for Electrical Machines Using NGnet
2026-9 Vol. 41 Issue 3 Pages 2269-2278
Authors: Iveta Lolova, Gerd Bramerdorfer, Jan Barta
DOI: 10.1109/tec.2026.3689444