Green Journals

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Journal Information

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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

Evidence of Synoptic-Scale Moisture Modes in a Convection-Permitting Aquaplanet Experiment
2026-11-3
Authors: Rosimar Rios-Berrios, Richard Rotunno
DOI: 10.1175/jas-d-26-0054.1

A Data-Driven Tropical Cyclone Model Based on Lagrangian Limited-Area Transformers: Investigating Physical Fidelity through Real-Case Simulations and Idealized Experiments
2026-11-2
Authors: Buo-Fu Chen, Hao-Hsuan Lo, Wei-Hua Hsu et al.
DOI: 10.1175/jas-d-26-0056.1

On the Low-Level Tangential Wind Profile of Tropical Cyclones: Revisiting Emanuel and Rotunno (2011)
2026-11 Vol. 83 Issue 11 Pages 2019-2038
Authors: Yuqing Wang, Zhe-Min Tan
DOI: 10.1175/jas-d-26-0075.1

Nonmonotonic Response of Blocking Dynamics with Increased Precipitation in an Idealized Two-Layer Quasigeostrophic Model
2026-11 Vol. 83 Issue 11 Pages 1993-2017
Authors: Giorgio M. Sarro, Joonsuk M. Kang, Samuel Smith et al.
DOI: 10.1175/jas-d-25-0107.1

Ecohydrological Controls on Moist Convection and Long-Term Rainfall Feedback
2026-10-29
Authors: Elizabeth Cultra, Jun Yin, Mark Bartlett et al.
DOI: 10.1175/jas-d-26-0059.1

Slower phase relaxation in dilute cloud edges increases the local proportion of large droplets
2026-10-28
Authors: Elise Rosky, Aaron Bansemer, Will Cantrell et al.
DOI: 10.1175/jas-d-25-0157.1

Hurricanes in a Tank? Large-Scale Convective Organization and Cyclonic Flow Under Moderate Rotation in Laboratory Tank Experiments
2026-10-26
Authors: Martin Velez Pardo, Tristan H. Abbott, Timothy W. Cronin
DOI: 10.1175/jas-d-26-0040.1

Marine Boundary Layer Convective Complexes over the Summertime Eastern North Atlantic: Scales and Observed Characteristics
2026-10-21
Authors: Qiuxuan Zheng, Mark A. Miller, Stephanie Braddock et al.
DOI: 10.1175/jas-d-26-0036.1

Analysis of Tropical Cyclone Tilt Dynamics
2026-10-21
Authors: David A. Schecter
DOI: 10.1175/jas-d-26-0032.1

The Existence of El Niño in a Nonlinear Conceptual Model: A Limit-Cycle Regime Arising from a Delicate Balance between Stabilizing and Destabilizing Processes
2026-10-12
Authors: Lunyu LI, Wen ZHOU, De-Zheng SUN
DOI: 10.1175/jas-d-25-0204.1