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

Product selectivity and catalyst deactivation diagnosis of polyethylene catalytic pyrolysis: Effects of contact modes, catalyst loading and cyclic regeneration
2026-11 Vol. 235 Pages 1-11
Authors: Lin Zhang, Zhengfeng Chang, Xiaopeng Wei et al.
DOI: 10.1016/j.cherd.2026.10.001

Microalgal reactor for vital environmental and life-support system in space
2026-11 Vol. 235 Pages 114-122
Authors: Emmanuel D. Revellame, Remil Aguda, William E. Holmes et al.
DOI: 10.1016/j.cherd.2026.09.066

An Exergy-Driven Algorithm for Eco-Efficient Intensified Reactive Distillation Columns: Validation in EO Hydrolysis and Cumene Production
2026-11 Vol. 235 Pages 244-257
Authors: Samira Ahmadi, Norollah Kasiri, Amirhossein Khalili-Garakani
DOI: 10.1016/j.cherd.2026.09.064

Water-constrained techno-economic optimization of integrated HTSE–solar desalination systems for industrial green hydrogen production
2026-11 Vol. 235 Pages 473-493
Authors: Marcelino Carrera-Rodríguez, Eduardo Sánchez-Ramírez, Antonio Torres-Ayala et al.
DOI: 10.1016/j.cherd.2026.10.024

A review of multi-phase interactions and thermal effects on nanofluid flow between parallel plates
2026-11 Vol. 235 Pages 707-731
Authors: R. Naveen Kumar, S.M. Adithya, B.S. Sanju et al.
DOI: 10.1016/j.cherd.2026.10.030

Techno-Economic and Environmental Assessment of Propylene/Propane Separation in Two-Stage ZIF-67-Based Membrane Cascades
2026-11
Authors: Ashkan Hatami, Cavus Falamaki
DOI: 10.1016/j.cherd.2026.11.001

Kinetic investigation of toluene hydrogenation over Pt/Al2O3 for liquid organic hydrogen carrier (LOHC) applications
2026-11 Vol. 235 Pages 440-451
Authors: Muhammad Usama Daud, Alessandro Esposito, Francesco Taddeo et al.
DOI: 10.1016/j.cherd.2026.10.019

Catalytic methane pyrolysis over Ni-Fe catalysts in a bubbling fluidized bed reactor: Coupled experimental and hydrodynamic-reaction modeling study
2026-11 Vol. 235 Pages 35-46
Authors: Dong Kyoo Park, Hyun Jung Yu, Jae-Hong Ryu
DOI: 10.1016/j.cherd.2026.08.057

Structural design of a low-resistance air purifier for PM2.5 purification
2026-11 Vol. 235 Pages 213-226
Authors: Ying Jia, Zihan Xu, Hui Zhang et al.
DOI: 10.1016/j.cherd.2026.10.014

Ammonium acetate-enhanced rapid carbonation of desulfurization gypsum for carbon sequestration
2026-11 Vol. 235 Pages 22-34
Authors: Xiangwen Xing, Chen Han, Pengchao Zang et al.
DOI: 10.1016/j.cherd.2026.09.056