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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

Evaluation of Homogeneous Arrhenius Reaction Kinetics for Energetic Materials in the High Explosive Initiation Time Experiment
2026-11-7
Authors: Marc J. Cawkwell, Douglas G. Tasker, Michael J. Aloi et al.
DOI: 10.1021/acs.jpca.6c06021

Chalcogen-Controlled Triplet Harvesting in Benzophenone-Derived Chromophores: A Theoretical Investigation of Excited-State Relaxation Pathways
2026-11-6
Authors: Subhash Chandra Makhal, Anushree Dutta, Rudraditya Sarkar et al.
DOI: 10.1021/acs.jpca.6c04543

Theoretical Unimolecular Decomposition Kinetics of Dimethyl, Diethyl, and Ethyl Methyl Carbonates and Their Fluorinated Counterparts
2026-11-6
Authors: Malte Döntgen, K. Alexander Heufer
DOI: 10.1021/acs.jpca.6c05854

Construction of Potential Energy Surface for the PH2+ System and Quantum Dynamics Study of the P+ + H2 Reaction
2026-11-6
Authors: Yanling Lü, Xuemei Gao, Man Yuan et al.
DOI: 10.1021/acs.jpca.6c04734

Analytical Potential Energy Surface and Variational Transition-State Theory Kinetics of the NH3 + Br → NH2 + HBr Hydrogen-Abstraction Reaction
2026-11-5
Authors: C. Rangel
DOI: 10.1021/acs.jpca.6c06491

Issue Publication Information
2026-11-5 Vol. 130 Issue 44
DOI: 10.1021/jxv130i044_2151698

Theoretical Characterization of Hydroxyfuranones Related to Biomass Burning and Their Tautomers
2026-11-5
Authors: K. Adjir, N. Illmann, I. Patroescu-Klotz et al.
DOI: 10.1021/acs.jpca.6c01990

Extending AIMNet2 to Macrocyclic Peptides through Data-Efficient Continual Training
2026-11-5
Authors: Runtian Gao, Roman Zubatyuk, Olexandr Isayev
DOI: 10.1021/acs.jpca.6c06253

A High-Fidelity Reactive Force Field ReaxFFCHON-S25 for C/H/O/N Systems via Successive Partition Optimization: Unraveling Mechanistic Insights into Hydrocarbon and Ammonia Combustion
2026-11-5
Authors: Qi He, Qing-qing Wang, Bin Xiao et al.
DOI: 10.1021/acs.jpca.6c04363

Issue Editorial Masthead
2026-11-5 Vol. 130 Issue 44
DOI: 10.1021/jxv130i044_2151699