# Green Journals

International Approved Journals

## Journal Information

| | |
|---|---|
| **Journal Title** | NUCLEAR TECHNOLOGY |
| **Publisher** | TAYLOR & FRANCIS INC |
| **ISSN** | 0029-5450 |
| **E-ISSN** | 1943-7471 |
| **Database** | Clarivate |
| **Domain** | Health Sciences, Physical Sciences, Social Sciences |

## 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

**Dynamic Surface-Based Disturbance Observer Control Law Design for Nuclear Reactor Power Level Control in Load-Following Operation**
2026-10-28 Pages 1-26
Authors: Hamza Boubacar Kirgni
DOI: 10.1080/00295450.2026.2737884

**Simulation of NACIE Benchmark Tests with the SAS4A/SASSYS-1 Code**
2026-10-28 Pages 1-15
Authors: Anton Moisseytsev
DOI: 10.1080/00295450.2026.2745343

**A Saw-Tooth Learning Curve for the Economic Assessment of Small Modular Reactor Deployment**
2026-10-28 Pages 1-14
Authors: Balázs Kocsis
DOI: 10.1080/00295450.2026.2748709

**Microstructural Characteristics, Hardness, Wear Behavior, and Radiation Shielding Properties of L-PBF 18Ni-300 Maraging Steel Under Different Post-Processing Conditions**
2026-10-28 Pages 1-21
Authors: Nuray Yavuzkanat, Bekir Güney, Ali Öz et al.
DOI: 10.1080/00295450.2026.2746171

**Defining Axial Void Fraction and Flashing Details from Pressure Profiles in Two-Phase Critical Flow Discharges Made in CRAFTY Facility**
2026-10-22 Pages 1-11
Authors: Lauri Pyy, Giteshkumar Patel, Heikki Suikkanen et al.
DOI: 10.1080/00295450.2026.2746165

**Comparing Fuel Homogenization Strategies for an OpenMC Depletion Analysis of a TRISO-Fueled, Helium-Cooled Microreactor**
2026-10-22 Pages 1-17
Authors: Lewis I. Gross, Patrick Shriwise, Benjamin A. Lindley et al.
DOI: 10.1080/00295450.2026.2745386

**Thermal Neutron Scattering in Zirconium Hydride: Comparison of NJOY, CINEL, NCrystal, and ACEMAKER Processing Approaches**
2026-10-21 Pages 1-18
Authors: Ingrid Švajger, Gilles Noguere, Daniel López Aldama et al.
DOI: 10.1080/00295450.2026.2737892

**Consent and Its Costs: Native American Tribes, the Nuclear Waste Negotiator, and the Limits of Voluntary Siting, 1990–1995**
2026-10-21 Pages 1-17
Authors: John Flynn
DOI: 10.1080/00295450.2026.2746163

**Assessment of Bubble Dynamics in Nucleate Boiling of Water Under High-Pressure Conditions**
2026-10-20 Pages 1-27
Authors: Prasad Velamakuri, D. K. Chandraker, Arnab Dasgupta
DOI: 10.1080/00295450.2026.2739685

**Safety Culture in Licensed Indonesian Irradiation Facilities: Evaluating Key Attributes Through the IAEA Harmonized Model**
2026-10-15 Pages 1-17
Authors: Agus Teguh Pranoto, Nunik Madyaningarum, Khusnul Khotimah et al.
DOI: 10.1080/00295450.2026.2745314