Green Journals

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Journal Information

Journal Title	KERNTECHNIK
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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

Effects of energy-group resolution on SpecKit-based neutron spectrum unfolding
2026-11-2
Authors: Li-Fang Chen, Yu-Lim Chen
DOI: 10.1515/kern-2026-0026

Calendar of events
2026-10-28
DOI: 10.1515/kern-2026-0114

Screening-level pin-cell neutronic sensitivity of a NuScale Power Module-like SMR fuel lattice to coolant-state perturbations from primary-system degradation
2026-10-28
Authors: Dukhyun Kim
DOI: 10.1515/kern-2026-0074

Neutronic performance of accident-tolerant fuel configurations in a PWR-type small modular reactor assembly: a Monte Carlo study using OpenMC
2026-10-26
Authors: Tasnimul Fahim Tanvir, Md. Masum Rana Pramanik
DOI: 10.1515/kern-2026-0056

Experimental investigation and heat transfer correlation development for spray cooling over large horizontal cylinders in the post-Leidenfrost regime
2026-10-26
Authors: Mahesh N. Malage, Onkar S. Gokhale
DOI: 10.1515/kern-2026-0048

Realizing out-core reactivity control with control drums: application of burnable poisons in microreactor
2026-10-21
Authors: Yanting Sun, Jiahe Wang, Chao Chen et al.
DOI: 10.1515/kern-2026-0092

Chaotic Sech-Tanh dynamic opposition-based learning for metaheuristic optimization. Part II: deep neural network architecture search for two-phase pressure drop prediction
2026-10-21
Authors: Mert Sinan Turgut, Mohammad AL-Rawi, Oguz Emrah Turgut et al.
DOI: 10.1515/kern-2026-0065

Fatigue life prediction and reliability assessment of fusion reactor liquid breeding blankets based on a stress-coupled corrosion model
2026-10-16
Authors: Guannan Rong, Qingzhu Liang, Songlin Liu
DOI: 10.1515/kern-2026-0059

Regulatory framework towards fusion energy in Germany: preliminary results and open issues
2026-10-14
Authors: Jens-Uwe Schmollack, Kevin Cohrs, Clemens Heitsch et al.
DOI: 10.1515/kern-2026-0051

Analysis and research on the vibration characteristics of the pressure maintaining valve of the deaerator based on structural dynamics
2026-10-13
Authors: Ran Sang, Jianbo Zhang, Yifei Li et al.
DOI: 10.1515/kern-2026-0019