an Open Access Journal by MDPI

Impact Factor 1.7
CiteScore 2.3

Journal of Nuclear Engineering

mdpi.com/
journal/
jne

MDPI

Message from the Editor-in-Chief

The *Journal of Nuclear Engineering* (*JNE*, ISSN 2673-4362) provides an interdisciplinary forum that showcases state-of-the-art research in the nuclear and related engineering sciences. *JNE* is dedicated to the scientific dissemination of rigorously peer-reviewed original research, publishing open-access full research papers, communications, and review articles. There is no restriction on the maximum length of papers, and there are no charges for extra colors. Electronic files supplying details of calculations and experimental procedures, as well as sound files, can be deposited as supplementary materials. *JNE* processes all submissions expeditiously and provides exceptional online visibility for the accepted manuscripts.

Editor-in-Chief
Prof. Dr. Dan Gabriel Cacuci

Aims

Journal of Nuclear Engineering an international open access journal, publishes peer-reviewed papers containing original research, ideas, and developments related to the science and application of nuclear and radiation processes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible.

Manuscript categories: original research papers, reviews, communications, brief reports, opinions, technical notes, editorials, etc.

Scope

- Reactor systems design
- Reactor thermal hydraulics
- Nuclear fission
- Nuclear fusion technologies and materials
- Reactor control systems
- Reactor physics and shielding
- Sensitivity analysis, uncertainty quantification and predictive modeling
- Nuclear fuels
- Fuel cycles
- Next generation reactors and advanced reactors
- Fission reactor materials
- Fusion reactor materials
- Radioactive materials
- Nuclear physics
- Nuclear chemistry and biochemistry
- Nuclear biology
- Nuclear medicine and medical imaging
- Mathematical and experimental nuclear technology
- Radioactive waste management
- Radiation application and protection
- Nuclear safety and risk assessment
- Accelerators, spectrometers and detectors
- Radiation measurements
- Radiation physics and chemistry
- Nuclear instrumentation
- Nuclear magnetic resonance spectroscopy
- Nuclear policy, economics and human resource development

Author Benefits

Open Access

Unlimited and free access for readers

No Copyright Constraints

Retain copyright of your work and free use of your article

Thorough Peer-Review

Discounts on Article Processing Charges (APC)

If you belong to an institute that participates with the MDPI Institutional Open Access Program

No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

Rapid Publication

A first decision is provided to authors approximately 27.9 days after submission; acceptance to publication is undertaken in 7.8 days (median values for papers published in this journal in the first half of 2026)

MDPI is a member of, or collaborates with, the following organizations

Editorial Office
jne@mdpi.com

MDPI
Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mdpi.com

July 2026