DESCRIPTION

The Journal of Nuclear Materials publishes high quality papers in materials research for nuclear applications, primarily fission reactors, fusion reactors, and similar environments including radiation areas of charged particle accelerators. Both original research and critical review papers covering experimental, theoretical, and computational aspects of either fundamental or applied nature are welcome.

The breadth of the field is such that a wide range of processes and properties in the field of materials science and engineering is of interest to the readership, spanning atom-scale processes, microstructures, thermodynamics, mechanical properties, physical properties, and corrosion, for example.

The following list describes topics within the scope of the Journal.

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Materials scientists.

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The Journal of Nuclear Materials publishes high quality articles in materials science and engineering related to nuclear applications. Articles must be timely, original, and fit the scope of the Journal. Presentations made at conferences, which fulfil these criteria, are therefore welcome. Selected articles from conferences may be grouped in a special issue, and this procedure is given below. Complete proceedings will not be published in JNM and requests for this will be forwarded to Procedia - Materials Science or Physics Procedia, Elsevier products targeted for this http://www.elsevierpublishingsolutions.com/procedia.asp). Sponsored supplements or themed issues in JNM with selected papers on a specific topic can be considered.

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