

## Journal Information

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|---------------|------------------------------------|
| Journal Title | HIGH TEMPERATURE                   |
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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

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| <b>Features of Local Orientational Order in Liquid Gallium</b><br>2024-12 Vol. 62 Issue 6 Pages 751-756<br>Authors: B. A. Klumov<br>DOI: 10.1134/s0018151x25700452                                                                                                                                                                              |
| <b>Analysis of the Thermophysical Justification of the Applicability of Accident Tolerant Fuel for Nuclear Power Plants: Thermomechanical and Thermohydraulic Properties of Accident Tolerant Fuel</b><br>2024-12 Vol. 62 Issue 6 Pages 816-832<br>Authors: A. R. Zabiroy, I. A. Molotova, V. V. Yagov et al.<br>DOI: 10.1134/s0018151x25700348 |
| <b>Three-Dimensional Numerical Simulation of Silicon Vapor Transport during the Infiltration of a Porous Carbon Matrix</b><br>2024-12 Vol. 62 Issue 6 Pages 779-787<br>Authors: V. A. Demin, T. V. Demina<br>DOI: 10.1134/s0018151x25700385                                                                                                     |
| <b>Ionization Processes in a Negative Needle-Plane Electrode System: Injection Processes</b><br>2024-12 Vol. 62 Issue 6 Pages 725-733<br>Authors: A. I. Zhakin, A. E. Kuzko<br>DOI: 10.1134/s0018151x2570035x                                                                                                                                   |
| <b>Thermal Conductivity of n-Pentane in the Temperature Range from the Triple Point to 700 K at a Pressure of up to 100 MPa</b><br>2024-12 Vol. 62 Issue 6 Pages 837-841<br>Authors: B. A. Grigoriev, I. S. Aleksandrov, A. A. Gerasimov<br>DOI: 10.1134/s0018151x25700403                                                                      |

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| <b>Measurement of Electrophysical Characteristics of Air Ionized by a <math>\gamma</math>-Pulse</b>                          | 2024-12 Vol. 62 Issue 6 Pages 715-724<br>Authors: B. G. Ptitsyn, E. I. Fomicheva, V. D. Selemir<br>DOI: 10.1134/s0018151x25700397   |
| <b>Analysis of Electric Currents in the Vicinity of Ion-Acoustic Rarefaction Solitons in Three-Component Plasma</b>          | 2024-12 Vol. 62 Issue 6 Pages 709-714<br>Authors: F. M. Trukhachev, M. M. Vasiliev, O. F. Petrov<br>DOI: 10.1134/s0018151x25700476  |
| <b>Enthalpy and Heat Capacity of Liquid Cs-Bi Alloys</b>                                                                     | 2024-12 Vol. 62 Issue 6 Pages 833-836<br>Authors: A. R. Khairulin, S. V. Stankus<br>DOI: 10.1134/s0018151x25700300                  |
| <b>Monitoring Underground Fire Sources</b>                                                                                   | 2024-12 Vol. 62 Issue 6 Pages 808-815<br>Authors: D. A. Zhilyaev, B. M. Smirnov, D. V. Tereshonok<br>DOI: 10.1134/s0018151x25700440 |
| <b>Thermodynamic Cycle of a Solid Oxide Fuel Cell with Internal Methane Conversion under the One-Way Conversion Approach</b> | 2024-12 Vol. 62 Issue 6 Pages 801-807<br>Authors: A. Z. Zhuk, P. P. Ivanov<br>DOI: 10.1134/s0018151x25700464                        |