# Green Journals

International Approved Journals

## Journal Information

| | |
|---|---|
| **Journal Title** | Applied Solar Energy (English translation of Geliotekhnika) |
| **Publisher** | Pleiades Publishing |
| **ISSN** | 0003-701X |
| **E-ISSN** | 1934-9424 |
| **Database** | SCOPUS |
| **Domain** | Life Sciences, Physical 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

**Features of Sodium Ferrat Synthesized in a Solar Furnace**
2026-6 Vol. 62 Issue 3 Pages 322-326
Authors: M. S. Paizullakhanov, O. R. Parpiev, Zh. Z. Shermatov et al.
DOI: 10.3103/s0003701x25600304

**Numerical Modeling of Energy Parameters for Photovoltaic Panels under Shading Conditions and Localized Overheating**
2026-6 Vol. 62 Issue 3 Pages 327-335
Authors: L. Knysh, N. Guk, A. Knysh
DOI: 10.3103/s0003701x26600591

**Thermokinetic Analysis and Energy Performance Evaluation of a Hybrid Forced Convection Solar Dryer Applied to Ziziphus Lotus Leaves**
2026-6 Vol. 62 Issue 3 Pages 271-289
Authors: Khaoula Chatir, Faiz Ameachaq, El Houssayne Bougayr et al.
DOI: 10.3103/s0003701x26600165

**Reassessment of Sunshine Duration in Uzbekistan: Implications for Solar Resource Evaluation**
2026-6 Vol. 62 Issue 3 Pages 403-410
Authors: E. Yu. Rakhimov, N. R. Avezova, A. A. Imyaminov et al.
DOI: 10.3103/s0003701x26600505

**Effect of Distributed Generation with a Hybrid Composition of Conventional and Green Sources on the Reliability of Power-System Operating Modes**
2026-6 Vol. 62 Issue 3 Pages 336-345
Authors: H. B. Guliyev, O. Z. Toirov, N. R. Avezova et al.
DOI: 10.3103/s0003701x26601079

**Stability Enhancement and Optimal Scheduling Methods for Grid-Forming Energy Storage Systems with Frequency Constraints**
2026-6 Vol. 62 Issue 3 Pages 360-373
Authors: L. J. Chen
DOI: 10.3103/s0003701x25603916

**Topological Data Analysis for Fault Diagnosis in Photovoltaic Systems**
2026-6 Vol. 62 Issue 3 Pages 346-359
Authors: Brayan Hernández, Ahtziri González, Juan Anzurez Marin
DOI: 10.3103/s0003701x26600074

**Energy and Exergy Analyses of Passive & PVT-CPC Integrated Active Solar Stills under Natural and Forced Modes of Circulation: A detailed Comparative Study**
2026-6 Vol. 62 Issue 3 Pages 301-321
Authors: Md. Meraj, Md. Azhar
DOI: 10.3103/s0003701x25603850

**Influence of Al2O3-Based Nanofluids on the Heat Transfer Efficiency of Solar Thermal Collectors**
2026-6 Vol. 62 Issue 3 Pages 290-300
Authors: T. I. Juraev, D. R. Kokharova, D. Yu. Jalilov et al.
DOI: 10.3103/s0003701x2660089x

**Explaining Solar Radiation Concurrent Estimation and Conditional Multi-Horizon Prediction with SHAP and LIME: Interpretable CatBoost Benchmarking Using Long-Term NASA POWER Data**
2026-6 Vol. 62 Issue 3 Pages 374-402
Authors: Moein Jazayeri, Kian Jazayeri
DOI: 10.3103/s0003701x26600220