# Green Journals

International Approved Journals

## Journal Information

| | |
|---|---|
| **Journal Title** | INTERNATIONAL JOURNAL OF REFRIGERATION |
| **Publisher** | ELSEVIER SCI LTD |
| **ISSN** | 0140-7007 |
| **E-ISSN** | 1879-2081 |
| **Database** | Clarivate |
| **Domain** | Life Sciences, Physical Sciences, Social 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

**Glycerol-free cryopreservation of RBCs using N,N-diglycine and α-lactose**
2027-1 Vol. 193 Pages 107191
Authors: Ning Wu, Weijie Li, Baolin Liu et al.
DOI: 10.1016/j.ijrefrig.2026.107191

**Research on a new ejector-enhanced vapor-injection cycle with dual subcooler for cold climate air source heat pump**
2027-1 Vol. 193 Pages 107177
Authors: Kang Wang, Zhantao Wu, Tong Xiong et al.
DOI: 10.1016/j.ijrefrig.2026.107177

**Molecular dynamics simulation on microscopic evolution mechanism and thermophysical properties of R32/R1234yf binary blends**
2027-1 Vol. 193 Pages 107171
Authors: Yutong Han, Qingfeng Xi, Xinxi Xie et al.
DOI: 10.1016/j.ijrefrig.2026.107171

**Three-dimensional graphical golden ratio optimization of a variable working fluid concentration auto-cascade refrigeration cycle**
2027-1 Vol. 193 Pages 107157
Authors: Yuzhi Kong, Xingwei Zhao, Ruihong Liu et al.
DOI: 10.1016/j.ijrefrig.2026.107157

**Development of an efficient 4 K space JT cryocooler precooling with Stirling and pulse tube coolers**
2027-1 Vol. 193 Pages 107166
Authors: Ziqi Wei, Zhouming Liu, Zhichao Chen et al.
DOI: 10.1016/j.ijrefrig.2026.107166

**A variable importance guided optimization framework based on whale optimization algorithm for energy-efficient HVAC operation**
2027-1 Vol. 193 Pages 107165
Authors: Xiaoao Li, Shuhong Li, Jun Wu et al.
DOI: 10.1016/j.ijrefrig.2026.107165

**Predefined-time adaptive control for HVAC system temperature tracking via fuzzy neural disturbance observer**
2027-1 Vol. 193 Pages 107193
Authors: Guoju Zhang, Xiaoli Li, Zhiyuan Han et al.
DOI: 10.1016/j.ijrefrig.2026.107193

**Nanofluid-enhanced ice thermal energy storage: experimental performance, parametric effects, and a predictive correlation**
2027-1 Vol. 193 Pages 107163
Authors: Ting Chen, Yuchao Lin, Khalil AL-Bukhaiti et al.
DOI: 10.1016/j.ijrefrig.2026.107163

**A novel laminated electrocaloric cooling structure with thermoelectric elements for active heat flux control**
2027-1 Vol. 193 Pages 107156
Authors: Hua Han, Hao Chen, Minbin Ling et al.
DOI: 10.1016/j.ijrefrig.2026.107156

**Magnetic refrigerator designs near room temperature: A review from laboratory to commercialization**
2027-1 Vol. 193 Pages 107158
Authors: Souheila Mellari
DOI: 10.1016/j.ijrefrig.2026.107158