

## Journal Information

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|---------------|-------------------------------------|
| Journal Title | APPLIED PHYSICS B-LASERS AND OPTICS |
| Publisher     | SPRINGER HEIDELBERG                 |
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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>Temporally resolved properties of femtosecond laser-induced plasmas in air</b><br>2026-1 Vol. 132 Issue 1<br>Authors: Gerardo Urdaneta Rincon, Junhwi Bak, Sagar Pokharel et al.<br>DOI: 10.1007/s00340-025-08606-9                                                                     |
| <b>Gaussian quadrature to solve the wavefront in simultaneous Hartmann/Bi-Ronchi tests with SLM using directional derivative</b><br>2026-1 Vol. 132 Issue 1<br>Authors: Jesus Arriaga Hernández, Bolivia Cuevas Otahola, Alberto Jaramillo Núñez et al.<br>DOI: 10.1007/s00340-025-08611-y |
| <b>Reverse canonical energy flux in a nonparaxial linearly polarized beam near the initial plane</b><br>2026-1 Vol. 132 Issue 1<br>Authors: V. V. Kotlyar, A. A. Kovalev, A. G. Nalimov<br>DOI: 10.1007/s00340-025-08604-x                                                                 |
| <b>Terahertz generation from chirped and delayed laser pulses in a periodically poled lithium niobate waveguide</b><br>2026-1 Vol. 132 Issue 1<br>Authors: Ilyes Betka, Moise Deroh, Simon Dubuis et al.<br>DOI: 10.1007/s00340-025-08616-7                                                |
| <b>Design-guided intracavity-doubled Cr:LiCAF laser with optimized long-term robustness and 377-424 nm tunability</b><br>2026-1 Vol. 132 Issue 1<br>Authors: Zekican Erturk, Serdar Okuyucu, Yusuf Ozturk et al.<br>DOI: 10.1007/s00340-025-08618-5                                        |

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| <b>Interferometric method to detect degenerate index states of polarization singularities</b><br>2026-1   Vol. 132   Issue 1<br>Authors: Kapil K. Gangwar, Sarvesh Bansal, P. Senthilkumaran<br>DOI: 10.1007/s00340-025-08619-4                                                           |
| <b>Attentionpd-resunet: a laser phase retrieval network based on attention phase diversity</b><br>2025-12-23   Vol. 132   Issue 1<br>Authors: Chen Li, Wenbo Jing, JiaHe Meng et al.<br>DOI: 10.1007/s00340-025-08609-6                                                                   |
| <b>Characterization of preferential evaporation in binary ethanol-isooctane sprays: 2D droplet size and volume fraction measurements</b><br>2025-12-22   Vol. 132   Issue 1<br>Authors: Benjamin W. Klevansky, Bastian Lehnert, Michael Wensing et al.<br>DOI: 10.1007/s00340-025-08614-9 |
| <b>A high-energy Ho:YAG amplifier pumped by a 1907 nm Tm-doped fiber laser</b><br>2025-12-22   Vol. 132   Issue 1<br>Authors: Zhenxing He, Ting Yu, Junjie Ren et al.<br>DOI: 10.1007/s00340-025-08598-6                                                                                  |
| <b>Broadband, single-channel cavity-enhanced absorption spectroscopy: towards a fast, modest-cost sensor for urban NO2</b><br>2025-12-19   Vol. 132   Issue 1<br>Authors: Eibhlín F. Halpin, Satheesh Chandran, Dean S. Venables<br>DOI: 10.1007/s00340-025-08615-8                       |