

Home

About

Using Optics InfoBase

Authors

Subscribe

Librarians


Optics ImageBank

Help

## Optics InfoBase

OSA's Optics InfoBase is a cutting-edge repository that contains OSA Publishing's content, including 17 flagship, partnered and co-published peer-reviewed journals and 1 magazine. With more than 272,000 articles including papers from over 470 conferences, Optics InfoBase is the largest peer-reviewed collection of optics and photonics. See complete information about OSA journals.

**NEW FROM Advances in Optics and Photonics**



**Explore Complimentary Tutorials**

[View Online](#)

AOP publishes multimedia tutorials for students, researchers, business professionals and engineers.

### Optics InfoBase Publications

#### Journals

- Adv. Opt. Photon.
- Applied Optics
- Applied Spectroscopy
- Biomed. Opt. Express
- Chinese Optics Letters
- J. Display Technol.
- J. Lightwave Technol.
- J. Opt. Commun. Netw.
- J. Opt. Netw. (2002-2009)
- J. Opt. Soc. Am. (1917-1983)
- J. Opt. Soc. Am. A
- J. Opt. Soc. Am. B
- J. Opt. Soc. Korea
- J. Opt. Technol.
- Optica (New in 2014)
- Opt. Mater. Express
- Optics & Photonics News
- Optics Express
- Optics Letters
- Optics News (1975-1989)
- Photonics Research
- Spotlight on Optics

#### Other Products

- Conference Papers
- Digital Archive
- Interactive Science Publishing (ISP)
- Lasers eBook
- Optics ImageBank
- OIDA Reports

### Recently Published



**Spatial distribution characteristics of plasma plume on attenuation of laser radiation under subatmospheric pressure**

The attenuation of a laser by plasma plume can be restrained for laser welding under subatmospheric pressure.... *Applied Optics*, Vol. 54 Issue 5, pp.1090-1096 (2015)



**Reference data set for camera spectral sensitivity estimation**

In this article, we describe a spectral sensitivity measurement procedure at the National Physical... *JOSA A*, Vol. 32 Issue 3, pp.381-391 (2015)



**Electrically tunable graphene anti-dot array terahertz plasmonic crystals exhibiting multi-band resonances**

Graphene-based plasmonic structures feature large tunability, high spatial confinement, and potentially low... *Optica*, Vol. 2 Issue 2, pp.135-140 (2015)

Journal Search

Article Lookup

Optics InfoBase

Search by title, abstract, or author

Advanced Search

### Announcements

- Jan 26 2015** : *Optica* Research - Entanglement on a Chip: Breakthrough Promises Secure Communications and Faster Computers
 
- Jan 23 2015** : OSA Welcomes New Editor of Applied Optics
   
Image of the week
   
February 2, 2015
- Jan 05 2015** : Seeking Editor-in-Chief Nominations for *Biomedical Optics Express* and *Optical Materials Express* - Deadline: 1 February 2015. [Nomination details](#)
- Dec 19 2014** : *Applied Optics* Research - Yellowstone's Thermal Springs -- Their Colors Unveiled

More News

### OSA Language Editing



Try OSA's pre-submission Language Editing Service and save 15%.

### Top Article Downloads

January 2015

#### Open Access Journals

1. Hyper-accurate flexible calibration technique for...
2. Paraxial ray optics cloaking
3. Tunable beam shaping with a phased array acousto-optic...

#### Subscription Journals

1. Real-time, high-accuracy 3D imaging and shape measurement
2. Accuracy enhancement of digital image correlation with...
3. Flexible calibration technique for fringe-projection-based...

[Top Downloads by Journal](#)

Powered by iThenticate

**Regional Sites**

□ Optics InfoBase China

© Copyright 2015 The Optical Society  
All Rights Reserved | [Privacy Statement](#) | [Terms of Use](#)  
[RSS](#)