OSA Journals

Date sent 07/12/2019 12:07:37 pm Subject: Top Downloads in Optica

Print This

OSA LICO pptica



View Top Downloads from June 2019

tay current on the latest research by reviewing the most downloaded articles in June from OSA's ptica. Optica is an Open-Access journal so the articles below are freely accessible.

JOURNAL NEWS AND ANNOUNCEMENTS

Laser Method Promising for Detecting Trace Chemicals in Air
Researchers have developed a new laser-based method that can detect electric charges and
chemicals of interest with unprecedented sensitivity. The new approach could one day offer a way
to scan large areas for radioactive material or hazardous chemicals for safety and security applications...read more.

Submit to Optics & Photonics News Special Issue on Optics in 2019
Is your peer-reviewed optics research among the most exciting to emerge over the past 12 months? If so, send a 500-word summary of your work—along with a figure or video highlighting your results—to Optics & Photonics News (OPN), the monthly magazine of The Optical Society (OSA), and your work may be selected to appear in OPN's special December issue on Optics in 2019.

The deadline for submissions is **31 August 2019**. Submitting is easy. Just log in to Prism. OSA's online submission system (select "OPN Year in Review" in on the "Journal Selection" page). You will be notified about whether your submission has been accepted for inclusion in the issue by early October.



Imaging with flat optics: metalenses or diffractive lenses?

Sourangsu Banerji, Monjurul Meem, Apratim Majumder, Fernando Guevara Vasquez, Berardi

Optica 6(6) 805-810 (2019) View: HTML | PDF [Suppl. Mat. (1)]



Deep learning for single-shot autofocus microscopy

Henry Pinkard, Zachary Phillips, Arman Babakhani, Daniel A. Fletcher, and Laura Waller

Optica 6(6) 794-797 (2019) View: HTML | PDF [Suppl. Mat. (2)]



Excitation of single-photon embedded eigenstates in coupled cavity-atom systems

Michele Cotrufo and Andrea Alù

Optica 6(6) 799-804 (2019) View: HTML | PDF [Suppl. Mat. (1)]

Polarization coherence theorem: comment

Ayman F. Abouraddy, Aristide Dogariu, and Bahaa E. A. Saleh Optica 6(6) 829-830 (2019) View: HTML | PDF

Polarization coherence theorem: reply

J. H. Eberly, X.-F. Qian, and A. N. Vamivaka

Optica 6(6) 831-831 (2019) View: HTML | PDF



High-power sub-kHz linewidth lasers fully integrated on silicon

Duanni Huang, Minh A. Tran, Joel Guo, Jonathan Peters, Tin Komljenovic, Aditya Malik, Paul A. Morton, and John E. Bowers

Optica 6(6) 745-752 (2019) View: HTML | PDF



Advanced fluorescence microscopy for in vivo imaging of neuronal activity Giuseppe Sancataldo, Ludovico Silvestri, Anna Letizia Allegra Mascaro, Leonardo Sacconi, and Francesco Saverio Pavone

Optica 6(6) 758-765 (2019) View: HTML | PDF



Photonic crystal nanocavity based on a topological corner state

Yasutomo Ota, Feng Liu, Ryota Katsumi, Katsuyuki Watanabe, Katsunori Wakabayashi, Yasuhiko Arakawa, and Satoshi Iwamoto

Optica 6(6) 786-789 (2019) View: HTML | PDF [Suppl. Mat. (1)]



Video-rate, mid-infrared hyperspectral upconversion imaging

S. Junaid, S. Chaitanya Kumar, M. Mathez, M. Hermes, N. Stone, N. Shepherd, M. Ebrahim-Zadeh, P. Tidemand-Lichtenberg, and C. Pedersen

Optica 6(6) 702-708 (2019) View: HTML | PDF [Suppl. Mat. (4)]

Architecture for the photonic integration of an optical atomic clock

Zachary L. Newman, Vincent Maurice, Tara Drake, Jordan R. Stone, Travis C. Briles, Daryl T. Spencer, Connor Fredrick, Qing Li, Daron Westly, B. R. Ilic, Boqiang Shen, Myoung-Gyun Suh, Ki Youl Yang, Cort Johnson, David M. S. Johnson, Leo Hollberg, Kerry J. Vahale, Kartik Srinivasan, Scott A. Diddams, John Kitching, Scott B. Papp, and Matthew T. Hummon

Optica 6(5) 680-685 (2019) View: <u>HTML</u> | <u>PDF</u> [Suppl. Mat. (1)]

You are receiving this email because you are a member or are otherwise affiliated with The Optical Society (OSA), the publisher of this journal.

This Journal is an Open-Access journal that provides public access to all published articles once the Article Processing Charge has been paid. For author submission information, please visit https://www.osapublishing.org/author/author.cfm.

Privacy - OSA respects your privacy and does not disclose or sell your personal information to any unaffiliated third parties. Please see OSA's <u>privacy policy</u> for additional information.

© Copyright 2019 The Optical Society All Rights Reserved | Privacy Statement | Terms of Use



The Optical Society (OSA) 2010 Massachusetts Ave., N.W. Washington, D.C. 20036 USA +1 202.223.8130

echo7.bluehornet.com/hostedemail/email.htm?CID=35808309202&ch=3922B95D6CB2C1CE5D43FDE3E5E23CEC&h=c2f2c27e71152cff1d545b9b9f...