

# Chinese Optics Letters

Volume 19  
Number 2  
February 2021  
col.clp.ac.cn

## Diffraction, Gratings, and Holography

Review of Fresnel incoherent correlation holography with linear and non-linear correlations [Invited] [On the Cover]

Vijayakumar Anand, Tomas Katkus,  
Soon Hock Ng, and Saulius Juodkazis

020501

## Imaging Systems and Image Processing

Propagation-based incremental triangulation for multiple views 3D reconstruction

Wei Fang, Kui Yang, and Haiyuan Li  
Pengwei Wang, Chenglong Wang,  
Cuiping Yu, Shuai Yue, Wenlin Gong,  
and Shensheng Han

021101

Color ghost imaging via sparsity constraint and non-local self-similarity

021102

## Instrumentation, Measurement, and Optical Sensing

Spatially modulated polarimetry based on a vortex retarder and Fourier analysis

Chao Gao and Bing Lei

021201

## Integrated Optics

Multi-gigahertz laser generation based on monolithic ridge waveguide and embedded copper nanoparticles [Editors' Pick]

Chi Pang, Rang Li, Ziqi Li,  
Ningning Dong, Jun Wang,  
Feng Ren, and Feng Chen

021301

## Lasers, Optical Amplifiers, and Laser Optics

Self-polarization emission based on coherent combination of intracavity eigenmodes in Nd:YAG/Cr<sup>4+</sup>:YAG lasers

Kaifei Tang, Wenbin Liao, Da Lin,  
Binxuan Li, Weidong Chen,  
and Ge Zhang

021401

Statistical properties of Er/Yb co-doped random Rayleigh feedback fiber laser

Han Wu, Bing Han, Zinan Wang,  
and Houkun Liang

021402

7 kHz sub-nanosecond microchip laser amplified by a grazing incidence double pass slab amplifier

Xu Liu, Chaoyong Tan, Yong Cheng,  
Jingsong Wei, Mengzhen Zhu,  
Xia Chen, and Chaowei Mi

021403

## Optical Materials

Empowering perovskite PbTiO<sub>3</sub> nanoparticles with enhanced up-conversion luminescence and thermal sensitivity by introducing Er<sup>3+</sup> dopant [Editors' Pick]

Jing Zhu, Shiqing Xu, Lei Lei,  
Feifei Huang, and Zhen Xiao

021601

Highly transparent ceramics for the spectral range from 1.0 to 60.0 μm based on solid solutions of the system AgBr–AgI–TlI–TlBr

L. V. Zhukova, D. D. Salimgareev,  
A. E. Lvov, A. A. Yuzhakova,  
A. S. Korsakov, D. A. Belousov,  
K. V. Lipustin, and V. M. Kondrashin

021602

## Nonlinear Optics

Temperature tuning of BaGa<sub>4</sub>Se<sub>7</sub> optical parametric oscillator

*Hui Kong, Jintian Bian, Jiyong Yao,  
Qing Ye, and Xiaoquan Sun*

021901

## Physical Optics

Evolution of spin density vectors in a strongly focused composite field

*Xiaoyan Pang, Chen Feng,  
and Xinying Zhao*

022601

Experimental and theoretical study of linearly polarized Lorentz–Gauss beams with heterogeneous distribution

*Guanxue Wang, Yu Miao, Yang Li,  
Xinzhi Shan, and Xiumin Gao*

022602

Estimating topological charge of propagating vortex from single-shot non-imaged speckle

*Li Chen, Rakesh Kumar Singh,  
Aristide Dogariu, Ziyang Chen,  
and Jixiong Pu*

022603

## Nanophotonics, Metamaterials, and Plasmonics

Doublet achromatic metalens for broadband optical retroreflector [Editors' Pick]

*Ming Deng, Tangxuan Ren, Jian Wang,  
and Lin Chen*

023601

The color images are shown online.