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Sincerely,

Alexandra Boltasseva,
Editor-in-Chief, *Optical Materials Express*



[Oxides and nitrides as alternative plasmonic materials in the optical range \[Invited\]](#)

Gururaj V. Naik, Jongbum Kim, and Alexandra Boltasseva

Opt. Mater. Express 1(6), 1090-1099 (2011) View: [HTML](#) | [PDF](#)



[Titanium nitride as a plasmonic material for visible and near-infrared wavelengths](#)

Gururaj V. Naik, Jeremy L. Schroeder, Xingjie Ni, Alexander V. Kildishev, Timothy D. Sands, and Alexandra Boltasseva

Opt. Mater. Express 2(4), 478-489 (2012) View: [HTML](#) | [PDF](#)



[Linear refractive index and absorption measurements of nonlinear optical liquids in the visible and near-infrared spectral region](#)

S. Kedenburg, M. Vieweg, T. Gissibl, and H. Giessen

Opt. Mater. Express 2(11), 1588-1611 (2012) View: [HTML](#) | [PDF](#) [Suppl. Mat. (6)]



[Three-dimensional direct laser writing inspired by stimulated-emission-depletion microscopy \[Invited\]](#)

Joachim Fischer and Martin Wegener

Opt. Mater. Express 1(4), 614-624 (2011) View: [HTML](#) | [PDF](#)



[Mode-locking in Er-doped fiber laser based on mechanically exfoliated Sb₂Te₃ saturable absorber](#)

Jaroslav Sotor, Grzegorz Sobon, Wojciech Macherzynski, Piotr Paletko, Kacper Grodecki, and Krzysztof M. Abramski

Opt. Mater. Express 4(1), 1-6 (2014) View: [HTML](#) | [PDF](#)



[Polarization sensitive elements fabricated by femtosecond laser nanostructuring of glass \[Invited\]](#)

Martynas Beresna, Mindaugas Gecevičius, and Peter G. Kazansky

Opt. Mater. Express 1(4), 783-795 (2011) View: [HTML](#) | [PDF](#)



[Persistent luminescence mechanisms: human imagination at work](#)

Hermi F. Brito, Jorma Hölsä, Taneli Laamanen, Mika Lastusaari, Marja Malkamäki, and Lucas C. V. Rodrigues

Opt. Mater. Express 2(4), 371-381 (2012) View: [HTML](#) | [PDF](#)



[Solution processing of graphene, topological insulators and other 2d crystals for ultrafast photonics](#)

Francesco Bonaccorso and Zhipei Sun

Opt. Mater. Express 4(1), 63-78 (2014) View: [HTML](#) | [PDF](#)



[Microfiber-based WS₂-film saturable absorber for ultra-fast photonics](#)

Peiguang Yan, Aijiang Liu, Yushan Chen, Hao Chen, Shuangchen Ruan, Chunyu Guo, Sifan Chen, Irene Ling Li, Haipeng Yang, Juguang Hu, and Guangzhong Cao

Opt. Mater. Express 5(3), 479-489 (2015) [View: HTML](#) | [PDF](#)



[Fabrication of composite YAG/Nd:YAG/YAG transparent ceramics for planar waveguide laser](#)

Lin Ge, Jiang Li, Zhiwei Zhou, Haiyun Qu, Manjiang Dong, Yan Zhu, Tengfei Xie, Wei Li, Min Chen, Huamin Kou, Yun Shi, Yubai Pan, Xiqi Feng, and Jingkun Guo

Opt. Mater. Express 4(5), 1042-1049 (2014) [View: HTML](#) | [PDF](#)



[Broadband optical and microwave nonlinear response in topological insulator](#)

Shuqing Chen, Chujun Zhao, Ying Li, Huihui Huang, Shunbin Lu, Han Zhang, and Shuangchun Wen

Opt. Mater. Express 4(4), 587-596 (2014) [View: HTML](#) | [PDF](#)



[In vivo optical imaging with rare earth doped Ca₂Si₅N₈ persistent luminescence nanoparticles](#)

T. Maldiney, G. Sraiki, B. Viana, D. Gourier, C. Richard, D. Scherman, M. Bessodes, K. Van den Eeckhout, D. Poelman, and P. F. Smet

Opt. Mater. Express 2(3), 261-268 (2012) [View: HTML](#) | [PDF](#)



[Graphene saturable absorber for Q-switching and mode locking at 2 μm wavelength \[Invited\]](#)

G. Q. Xie, J. Ma, P. Lv, W. L. Gao, P. Yuan, L. J. Qian, H. H. Yu, H. J. Zhang, J. Y. Wang, and D. Y. Tang

Opt. Mater. Express 2(6), 878-883 (2012) [View: HTML](#) | [PDF](#)



[Mid-infrared supercontinuum generation in chalcogenides](#)

Yi Yu, Xin Gai, Ting Wang, Pan Ma, Rongping Wang, Zhiyong Yang, Duk-Yong Choi, Steve Madden, and Barry Luther-Davies

Opt. Mater. Express 3(8), 1075-1086 (2013) [View: HTML](#) | [PDF](#)



[Systematic z-scan measurements of the third order nonlinearity of chalcogenide glasses](#)

Ting Wang, Xin Gai, Wenhui Wei, Rongping Wang, Zhiyong Yang, Xiang Shen, Steve Madden, and Barry Luther-Davies

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