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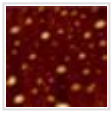


Microfiber-based few-layer black phosphorus saturable absorber for ultra-fast fiber laser

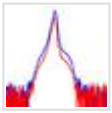
Zhi-Chao Luo, Meng Liu, Zhi-Nan Guo, Xiao-Fang Jiang, Ai-Ping Luo, Chu-Jun Zhao, Xue-Feng Yu, Wen-Cheng Xu, and Han Zhang

Opt. Express **23**(15), 20030-20039 (2015) **View:** HTML | PDF

Black phosphorus as saturable absorber for the Q-switched Er:ZBLAN fiber laser at 2.8 μm

Zhipeng Qin, Guoqiang Xie, Han Zhang, Chujun Zhao, Peng Yuan, Shuangchun Wen, and Liejia Qian

Opt. Express **23**(19), 24713-24718 (2015) **View:** HTML | PDF



Experimental study of PAM-4, CAP-16, and DMT for 100 Gb/s Short Reach Optical Transmission Systems

Kangping Zhong, Xian Zhou, Tao Gui, Li Tao, Yuliang Gao, Wei Chen, Jiangwei Man, Li Zeng, Alan Pak Tao Lau, and Chao Lu

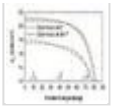
Opt. Express **23**(2), 1176-1189 (2015) **View:** HTML | PDF

Q-switched fiber laser based on transition metal dichalcogenides MoS_2, $MoSe_2$, WS_2, and WSe_2

Bohua Chen, Xiaoyan Zhang, Kan Wu, Hao Wang, Jun Wang, and Jianping Chen

Opt. Express **23**(20), 26723-26737 (2015) **View:** HTML | PDF

$CH_3NH_3PbI_3$ perovskite / silicon tandem solar cells: characterization



based optical simulations

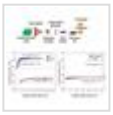
Miha Filipič, Philipp Löper, Bjoern Niesen, Stefaan De Wolf, Janez Krč, Christophe Ballif, and Marko Topič

Opt. Express **23**(7), A263-A278 (2015) **View:** HTML | PDF

Mode-multiplexed transmission over conventional graded-index multimode fibers

R. Ryf, N. K. Fontaine, H. Chen, B. Guan, B. Huang, M. Esmaeelpour, A. H. Gnauck, S. Randel, S.J.B. Yoo, A.M.J. Koonen, R. Shubochkin, Y. Sun, and R. Lingle

Opt. Express **23**(1), 235-246 (2015) **View:** HTML | PDF



Mode-locked, 1.94-μm, all-fiberized laser using WS_2-based evanescent field interaction

Minwan Jung, Junsu Lee, June Park, Joonhoi Koo, Young Min Jhon, and Ju Han Lee

Opt. Express **23**(15), 19996-20006 (2015) **View:** HTML | PDF

Electrically pumped lasing from Ge Fabry-Perot resonators on Si

Roman Koerner, Michael Oehme, Martin Gollhofer, Marc Schmid, Konrad Kostecki, Stefan Bechler, Daniel Widmann, Erich Kasper, and Joerg Schulze

Opt. Express **23**(11), 14815-14822 (2015) **View:** HTML | PDF

Heterogeneously integrated long-wavelength VCSEL using silicon high contrast grating on an SOI substrate

James Ferrara, Weijian Yang, Li Zhu, Pengfei Qiao, and Connie J. Chang-Hasnain

Opt. Express **23**(3), 2512-2523 (2015) **View:** HTML | PDF

Time-division-multiplexed few-mode passive optical network

Cen Xia, Naresh Chand, A. M. Velázquez-Benítez, Zhiqun Yang, Xiang Liu, Jose Enrique Antonio-Lopez, He Wen, Benyuan Zhu, Ningbo Zhao, Frank Effenberger, Rodrigo Amezcua-Correa, and Guifang Li

Opt. Express **23**(2), 1151-1158 (2015) **View:** HTML | PDF

Harmonic mode locking of bound-state solitons fiber laser based on MoS_2 saturable absorber

Yadong Wang, Dong Mao, Xuetao Gan, Lei Han, Chaojie Ma, Teli Xi, Yi Zhang, Wuyun Shang, Shijia Hua, and Jianlin Zhao

Opt. Express **23**(1), 205-210 (2015) **View:** HTML | PDF

WS_2 saturable absorber for dissipative soliton mode locking at 1.06 and 1.55 μm

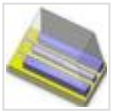
Dong Mao, Shengli Zhang, Yadong Wang, Xuetao Gan, Wending Zhang, Ting Mei, Yonggang Wang, Yishan Wang, Haibo Zeng, and Jianlin Zhao

Opt. Express **23**(21), 27509-27519 (2015) **View:** HTML | PDF

SDM transmission of real-time 10GbE traffic using commercial SFP + transceivers over 0.5km elliptical-core few-mode fiber

Ezra Ip, Giovanni Milione, Ming-Jun Li, Neda Cvijetic, Konstantinos Kanonakis, Jeffery Stone, Gaozhu Peng, Xesús Prieto, Carlos Montero, Vicente Moreno, and Jesús Liñares

Opt. Express **23**(13), 17120-17126 (2015) **View:** HTML | PDF



Quantum cascade lasers: from tool to product

M. Razeghi, Q. Y. Lu, N. Bandyopadhyay, W. Zhou, D. Heydari, Y. Bai, and S. Slivken

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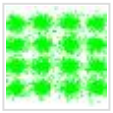

Going beyond 4 Gbps data rate by employing RGB laser diodes for visible light communication

Bilal Janjua, Hassan M. Oubei, Jose R. Durán Retamal, Tien Khee Ng, Cheng-Ting Tsai, Huai-Yung Wang, Yu-Chieh Chi, Hao-Chung Kuo, Gong-Ru Lin, Jr-Hau He, and Boon S. Ooi

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