Chinese Optics Letters

Volume 14 Number 4 April 10, 2016 www.col.org.cn

Atomic and molecular physics		
Two-color cesium magneto-optical trap with a ladder-type atomic system	Baodong Yang, Jie Wang, and Junmin Wang	040201
Theoretical and experimental investigations on the threshold of a laser-induced breakdown of air	Dong Liu, Chuansong Chen, Baoyuan Man, Yanna Sun, and Feifei Li	040202
Coherence and statistical optics		
Thermal light subwavelength diffraction using positive and negative correlations	Mingjie Sun, Xingdan He, Mingfei Li, and Ling'an Wu	040301
Fiber optics and optical commun	ications	
Microwave photonic phase shifter with spectral separation processing using a linear chirped fiber Bragg grating	Wensheng Zhai, Xinlu Gao, Wenjing Xu, Mingyang Zhao, Mutong Xie, Shanguo Huang, and Wanyi Gu	040601
Flexible multidimensional modulation formats based on PM-QPSK constellations for elastic optical networks	Zilong He, Wentao Liu, Bailin Shen, Xue Chen, Xiqing Gao, Sheping Shi, Qi Zhang, Dongdong Shang, Yongning Ji, and Yingfeng Liu	040602
Imaging systems		
Optimization algorithm of near-eye light field displays based on human visual characteristics	Jun Ding, Mali Liu, Qing Zhong, Haifeng Li, and Xu Liu	041101
Integrated optics		
Polarization rotator-splitter covering full optical communication bands based on L-shaped cross-section waveguide	Daigao Chen, Xi Xiao, Lei Wang, Wen Liu, and Qi Yang	041301
Lasers and laser optics		
All fiber tunable- or dual-wavelength Yb-doped fiber laser covering from dissipative soliton to dissipative soliton resonance	Zhaokun Wang, Songtao Du, Jianhua Wang, Feng Zou, Ziwei Wang, Wendi Wu, and Jun Zhou	041401
Efficiency-enhanced picosecond mid-infrared optical parametric downconversion based on a cascaded optical superlattice	Shifeng Li, Panpan Ju, Yanhua Liu, Xudong Jiang, Rui Ni, Gang Zhao, Xinjie Lv, and Shining Zhu	041402

 $Contents\ continued$

Iateria	als							
	- C	f1	1 1	 41	T .: TT.	71 1	T: .	 T

Materials		
Properties of fluorescence based on the immobilization of graphene oxide quantum dots in nanostructured porous silicon films	Lei He, Zhenhong Jia, and Jun Zhou	041601
Nonlinear optics		
Generation of multi-wavelength erbium-doped fiber laser by using MoSe_2 thin film as nonlinear medium and stabilizer	Zian Cheak Tiu, Harith Ahmad, Arman Zarei, and Sulaiman Wadi Harun	041901
Measurement of Brillouin gain coefficient in fluorocarbon liquid	Hang Yuan, Yulei Wang, Zhiwei Lu, Rui Liu, and Can Cui	041902
Optical data storage		
Spiral spectrum of Airy–Schell beams through non-Kolmogorov turbulence	Yun Zhu, Licheng Zhang, and Yixin Zhang	042101
Optical design and fabrication		
Analytical method to measure bending deformations in prismatic optical films	Berta García-Fernández, Antonio Álvarez Fernández-Balbuena, and Daniel Vázquez-Moliní	042201
Design of a dynamic refocus system based on the Seidel aberration theory	Lina Shao, Zhaoliang Cao, Quanquan Mu, Lifa Hu, Yukun Wang, Shaoxin Wang, and Li Xuan	042202
Optical devices		
Broadband polarization beam splitter based on a negative refractive lithium niobate photonic crystal slab	Siqi Duan, Yuping Chen, Guangzhen Li, Chuanyi Zhu, and Xianfeng Chen	042301
Influence of excitation power on temperature-dependent photoluminescence of phase-separated InGaN quantum wells	Haiyan Lü, Yuanjie Lü, Qiang Wang, Jianfei Li, Zhihong Feng, Xiangang Xu, and Ziwu Ji	042302
Optics at surfaces		
Influence of surface roughness on surface plasmon resonance phenomenon of gold film	Zhitao Yang, Changjian Liu, Yachen Gao, Jiyu Wang, and Wenlong Yang	042401
Remote sensing and sensors		
Detection performance of trigger-controlled Geiger-mode avalanche photodiodes in weak optical signal detection	Peng Zhao, Yabo Yuan, Yan Zhang, and Weiping Qian	042801
Spectroscopy		
Efficiency enhancement of fluorescent blue organic light-emitting diodes using doped hole transport and emissive layers	Nam Ho Kim, You-Hyun Kim, Ju-An Yoon, Seung Il Yoo, Kok Wai Cheah, Furong Zhu, and Woo Young Kim	043001
Thin films		
Molybdenum thin films fabricated by rf and dc sputtering for $Cu(In,Ga)Se_2$ solar cell applications	Beibei Guo, Yaoming Wang, Xiaolong Zhu, Mingsheng Qin, Dongyun Wan, and Fuqiang Huang	043101
Other areas of optics		
Three-step lithography to the fabrication of vertically coupled micro-ring resonators in amorphous silicon-on-insulator-corrigendum	Jun Cheng and Duk-Yong Choi	043501

 $amorphous\ silicon-on-insulator-corrigen dum$