

# PHOTONICS Research

Volume 2  
Number 2  
April 2014

Polarization behavior of elastic scattering from a silicon microsphere coupled to an optical fiber	<i>Mohammed Sharif Murib, Emre Yüce, Oğuzhan Gürlü, and Ali Serpengüzel</i>	45
False nonlinear effect in z-scan measurement based on semiconductor laser devices: theory and experiments	<i>Hui Yan and Jingsong Wei</i>	51
Engineering ultra-flattened-dispersion photonic crystal fibers with uniform holes by rotations of inner rings	<i>Jin Hou, Jiajia Zhao, Chunyong Yang, Zhiyou Zhong, Yihua Gao, and Shaoping Chen</i>	59
Enhanced depth resolution in optical scanning holography using a configurable pupil	<i>Haiyan Ou, Ting-Chung Poon, Kenneth K. Y. Wong, and Edmund Y. Lam</i>	64
Athermal scheme based on resonance splitting for silicon-on-insulator microring resonators	<i>Qingzhong Deng, Xinbai Li, Zhiping Zhou, and Huaxiang Yi</i>	71