

OptiGrating Publication References - 2014

Below is a listing of scientific papers, technical journals, periodicals, and conference publications which reference the use of OptiGrating.

- [1] W. Zhou, D. J. Mandia, M. B. Griffiths, S. T. Barry, and J. Albert, "Anomalous refractive index of ultrathin gold nanoparticle film coated on tilted fiber Bragg grating," in OFS2014 23rd International Conference on Optical Fiber Sensors, 2014, p. 91573Y–91573Y.
- [2] T. Mizunami and T. Fujiyoshi, "Fabrication of long-period fiber gratings using low-pressure mercury lamp: Shortening of exposure time," *Japanese Journal of Applied Physics*, vol. 53, no. 8S2, p. 08ME02, 2014.
- [3] S. Saad and L. Hassine, "Fiber Bragg grating technology for hydrogen detection as health monitoring in leakage cases," in *Green Energy, 2014 International Conference on*, 2014, pp. 279–283.
- [4] A. K. Debowska, M. Smietana, P. Mikulic, and W. J. Bock, "High temperature nano-coated electric-arc-induced long-period gratings working at the dispersion turning point for refractive index sensing," *Japanese Journal of Applied Physics*, vol. 53, no. 8S2, p. 08ME01, 2014.
- [5] Nidhi, R. S. Kaler, and P. Kapur, "Humidity Sensing Using Gelatin and Cobalt Chloride Coating on Indium Tin Oxide-Coated Long-Period Grating," *Fiber and Integrated Optics*, vol. 33, no. 1–2, pp. 120–125, 2014.
- [6] M. Śmietana, M. Koba, P. Mikulic, and W. J. Bock, "Measurements of reactive ion etching process effect using long-period fiber gratings," *Optics express*, vol. 22, no. 5, pp. 5986–5994, 2014.
- [7] F. Liua, T. Guo, L. Shanga, Z. Zhanga, F. Dua, B.-O. Guana, and J. Albertb, "Orientation-recognized rotation measurement using single polarimetric multi-mode tilted fiber grating," in *Proc. of SPIE Vol, 2014*, vol. 9157, p. 91570N–1.
- [8] T. Guo, F. Liu, B.-O. Guan, and J. Albert, "Polarimetric multi-mode tilted fiber grating sensors," *Optics express*, vol. 22, no. 6, pp. 7330–7336, 2014.
- [9] Nidhi, R. S. Kaler, and P. Kapur, "Theoretical and Experimental Study of Long-Period Grating Refractive Index Sensor," *Fiber and Integrated Optics*, vol. 33, no. 1–2, pp. 37–46, 2014.

- [10] B. Yun, G. Hu, and Y. Cui, "Third-order polymer waveguide Bragg grating array by using conventional contact lithography," *Optics Communications*, 2014.