
Journal Publications:

1. Ulas Adiyen, Fehmi Çivitci, Onur Ferhanoglu, Hamdi Torun, and Hakan Urey, "A 35 µm pitch IR Thermo-Mechanical MEMS Sensor with AC-coupled Optical Readout" Selected Topics in Quantum Electronics dergisine kabul edildi.
2. J. V. Lith, H. Hoekstra, F. Çivitci, R. Stoffer and P. V. Lambeck, "A compact optical chip for refractive sensing based on cut-off enhanced modal coupling changes", accepted to Sensors and Actuators B: Chemical, vol. 205, pp. 111-119, 2014.
3. F. Çivitci, M. Hammer, and H. J. Hoekstra, "Semi-guided plane wave reflection by thin-film transitions for angled incidence," Optical and Quantum Electronics, vol. 46, pp. 477-490, 2014.
4. F. Çivitci, G. Sengo, A. Driessen, M. Pollnau, A. Annema, and H. Hoekstra, "Light turning mirrors for hybrid integration of SiON-based optical waveguides and photo-detectors," Optics express, vol. 21, pp. 24375-24384, 2013.
5. N. Ismail, F. Çivitci, K. Wörhoff, R.M. de Ridder, M. Pollnau and A. Driessen, "Efficiency of Integrated Waveguide Probes for the Detection of Light Backscattered from Weakly Scattering Media," Applied Optics, vol. 50, pp. 935-942, 2011.

Journal Publications:

1. U. Adiyen, F. Çivitci, R.B. Erarslan, O. Ferhanoglu, H. Torun and H. Urey, "Simultaneous two-wavelength readout for thermo-mechanical MEMS detectors," International Conference on Optical MEMS and Nanophotonics (OMN), August 2014.
2. F. Çivitci, M. Hammer and H.J.W.M Hoekstra, "Reflection of semi-guided plane waves at angled thin-film transitions," International Workshop on Optical Wave & Waveguide Theory and Numerical Modelling (OWTNM), April 2013.
3. F. Çivitci and H.J.W.M. Hoekstra, "Design of Spectrometers and Polarization Splitters Using Adiabatically Connected Slab Waveguides," 16th European Conference on Integrated Optics, April 2012.
4. F. Çivitci, G. Sengo, A. Driessen, M. Pollnau, A.J. Annema and H.J.W.M. Hoekstra, "45° Light Turning Mirrors for Hybrid Integration of Silica Optical Waveguides and Photo-detectors," 16th European Conference on Integrated Optics, April 2012.
5. F. Çivitci, G. Sengo, M. Pollnau, A. Driessen and H.J.W.M. Hoekstra, "Light Turning Mirrors in SiON Optical Waveguides for Hybrid Integration with CMOS Photo-detectors," Annual Symposium of the IEEE Photonics Benelux Chapter, 2011, December 2011.
6. F. Çivitci, A. Driessen, and H.J.W.M. Hoekstra, "Light Turning Mirrors for Hybrid Integration of Optical Waveguides in SiON Technology and CMOS Based Photo-detectors," European Conference on Lasers and Electro-Optics 2011, May 2011.
7. N. Ismail, F. Çivitci, K. Wörhoff, R.M. de Ridder, M. Pollnau and A. Driessen, "Integrated Waveguide Probes for Efficient Backscattered-Light Collection from Thin Samples," European Conference on Lasers and Electro-Optics 2011, May 2011.

8. N. Ismail, F. Sun, F. Çivitci, K. Wörhoff, R.M. de Ridder, M. Pollnau and A. Driessen, "Efficiency of integrated waveguide probes in the detection of fluorescence and backscattered light," *Optical Fibers and Sensors for Medical Diagnostics and Treatment Applications X*, February 2010.
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 10. N. Ismail, F. Sun, F. Çivitci, K. Wörhoff, R.M. de Ridder, M. Pollnau and A. Driessen, "Use of integrated optical waveguide probes as an alternative to fiber probes for sensing of light backscattered from small volumes," *EOS Topical Meeting on Optical Microsystems*, September 2009.
 11. M. Y. Tanrikulu, F. Çivitci and Tayfun Akin, "A New Method to Estimate the Absorption Coefficient for Uncooled Infrared Detectors," *SPIE Defense and Security Symposium, Infrared Technology and Applications XXXIV*, March 2008.
 12. M. Tepegoz, F. Çivitci and Tayfun Akin, "An Optimum Reference Detector Design for Uncooled Resistive Microbolometer FPAs," *SPIE Defense and Security Symposium, Infrared Technology and Applications XXXIV*, March 2008.
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