

**PUBLICATIONS IN PEER REVIEWED INTERNATIONAL JOURNALS**

1. D. Pugliese, **M. Konstantaki**, I. Konidakis, E. Ceci-Ginistrelli, N. G. Boetti, D. Milanese, S. Pissadakis “*Bioresorbable optical fiber Bragg gratings*,” *Opt. Lett.*, Volume 43, Issue 4, 671-674 (2018)
2. A. Candiani, **M. Konstantaki**, A. Pamvouxoglou and S. Pissadakis “A shear sensing pad, based on ferrofluidic actuation in a microstructured optical fiber” *Journal of Selected Topics in Quantum Electronics*, 23, 1-7 (2017)
3. R. Gassino, Y. Liu, **M. Konstantaki**, A. Vallan, S. Pissadakis and G. Perrone, “A Fiber Optic Probe for Tumor Laser Ablation With Integrated Temperature Measurement Capability” *Journal of Lightwave Technology*, 35, 3447-3454, (2017)
4. M. Barozzi, A. Manicardi, A. Vannucci, A. Candiani, M. Sozzi, **M. Konstantaki**, S. Pissadakis, R. Corradini, S. Selleri, and A. Cucinotta, “Optical Fiber Sensors for Label-free DNA Detection” *Journal of Lightwave Technology*, 35, 3461-3472, (2017)
5. I. Konidakis, **M. Konstantaki**, G.D. Tsibidis, S. Pissadakis, “Light driven optofluidic switch developed in a ZnO-overlaid microstructured optical fiber”, *Opt. Express* 23, 31496, (2015)
6. A. Bertucci, A. Manicardi, A. Candiani, S. Giannetti, A. Cucinotta, G. Spoto, **M. Konstantaki**, S. Pissadakis, S. Selleri, R. Corradini, “Detection of unamplified genomic DNA by a PNA-based microstructured optical fiber (MOF) Bragg-grating optofluidic system” *Biosens Bioelectron.* 63, 248-254, (2015)
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10. A. Candiani, **M. Konstantaki**, W. Margulis, and S. Pissadakis “Optofluidic magnetometer developed in a microstructured optical fiber” *Optics Letters*, 37, 4467-4469, (2012)
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13. **M. Konstantaki**, S. Pissadakis, “Optically tunable long period fiber gratings utilizing a photochromic out-cladding overlayer” *Optical Fiber Technology* 17, 168-170, (2011)

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#### SCIENTIFIC BOOKS

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#### CONFERENCE PRESENTATIONS

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Grating Sensors for Torque Induced Strain Monitoring in Filament Wound Composite Shafts, 26th International Conference on Optical Fiber sensors, ThE98, Lausanne, Switzerland (2018)

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49. A. Ikiades, D. J Armstrong, G. G Hare, **M. Konstantaki**, S. Crossley "Fibre Optic Sensor Technology for Air Conformal Ice Detection", SPIE Photonics East 2003 Conference on Intelligent Transportation Sensors and Control # 5272B, Providence, Rhode Island, USA, Proc. SPIE Int. Soc. Opt. Eng. 5272, 357 (2004)
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