

# Monika Janik

## Lista publikacji

1. Janik, M., Myśliwiec, A. K., Koba, M., Celebańska, A., Bock, W. J., Śmietana, M. (2017). Sensitivity pattern of femtosecond laser micromachined and plasma-processed in-fiber Mach-Zehnder interferometers, as applied to small-scale refractive index sensing. *IEEE Sensors Journal*, 17(11), 3316-3322. DOI:10.1109/JSEN.2017.2695544
2. Śmietana, M., Janik, M., Koba, M., Bock, W. J. (2017). Transition between bulk and surface refractive index sensitivity of micro-cavity in-line Mach-Zehnder interferometer induced by thin film deposition. *Optics express*, 25(21), 26118-26123. DOI: 10.1364/OE.25.026118
3. Janik, M., Koba, M., Celebańska, A., Bock, W. J., Śmietana, M. (2018). Sensing properties of micro-cavity in-line Mach-Zehnder interferometer enhanced by reactive ion etching. *Optics & Laser Technology*, 103, 260-266. DOI: 10.1016/j.optlastec.2018.01.045
4. Janik, M., Koba, M., Celebańska, A., Bock, W. J., Śmietana, M. (2018). Live E. coli bacteria label-free sensing using a microcavity in-line Mach-Zehnder interferometer. *Scientific reports*, 8(1), 1-8. DOI: 10.1038/s41598-018-35647-2
5. Janik, M., Eftimov, T., Koba, M., Śmietana, M., Bock, W. J. (2019). Tailoring properties of microcavity in-line mach-zehnder interferometer by the microcavity enlargement using femtosecond laser. *Journal of Lightwave Technology*, 37(18), 4501-4506. DOI: 10.1109/JLT.2019.2907661