

Dorota Tomaszewska-Rolla

Lista Publikacji

1. Tomaszewska-Rolla D., Lindberg R., Pasiskevicius V., Laurell F., Sobon G. (2022). A comparative study of an Yb-doped fiber gain-managed nonlinear amplifier seeded by femtosecond fiber lasers. *Scientific Reports* 12(1), 404.
2. Krzempek K., Tomaszewska D., Głuszek A., Martynkien T., Mergo P., Sotor J., Foltynowicz A., Soboń G. (2019). Stabilized all-fiber source for generation of tunable broadband fCEO-free mid-IR frequency comb in the 7 – 9 μm range. *Optics Express* 27(26), 37435-37445.
3. Hjältén A., Germann M., Krzempek K., Hudzikowski A., Głuszek A., Tomaszewska D., Soboń G., Foltynowicz A. (2021). Optical frequency comb Fourier transform spectroscopy of 14N216O at 7.8 μm . *Journal of Quantitative Spectroscopy and Radiative Transfer* 271, 107734.
4. Krzempek K., Tomaszewska D., Foltynowicz A., Soboń G. (2021). Fiber-based optical frequency comb at 3.3 μm for broadband spectroscopy of hydrocarbons [Invited]. *Chinese Optics Letters* 19(8), 081406.
5. Soboń G., Martynkien T., Tomaszewska D., Tarnowski K., Mergo P., Sotor J. (2018). All-in-fiber amplification and compression of coherent frequency-shifted solitons tunable in the 1800–2000 nm range. *Photonics Research* 6(5), 368-372.