

## Paulina Koziół

### Lista Publikacji

1. Koziół, P., Liberda, D., Kwiatek, W. M., Wrobel, T. P. (2020). Macromolecular orientation in biological tissues using a four-polarization method in FT-IR imaging. *Analytical Chemistry*, 92(19), 13313-13318.
2. Wrobel, T. P., Koziół, P., Raczkowska, M. K., Liberda, D., Paluszkiewicz, C., Kwiatek, W. M. (2019). Noise-free simulation of an FT-IR imaging hyperspectral dataset of pancreatic biopsy core bound by experiment. *Scientific data*, 6(1), 1-8.
3. Raczkowska, M. K., Koziół, P., Urbaniak-Wasik, S., Paluszkiewicz, C., Kwiatek, W. M., Wrobel, T. P. (2019). Influence of denoising on classification results in the context of hyperspectral data: high definition FT-IR imaging. *Analytica chimica acta*, 1085, 39-47.
4. Koziół, P., Raczkowska, M. K., Skibinska, J., McCollum, N. J., Urbaniak-Wasik, S., Paluszkiewicz, C., ...Wrobel, T. P. (2019). Denoising influence on discrete frequency classification results for quantum cascade laser based infrared microscopy. *Analytica chimica acta*, 1051, 24-31.
5. Koziół, P., Raczkowska, M. K., Skibinska, J., Urbaniak-Wasik, S., Paluszkiewicz, C., Kwiatek, W., Wrobel, T. P. (2018). Comparison of spectral and spatial denoising techniques in the context of High Definition FT-IR imaging hyperspectral data. *Scientific reports*, 8(1), 1-11.