

Mikołaj Rogalski

Lista Publikacji

1. Rogalski, M., Zdańkowski, P., & Trusiak, M. (2021). FPM app: an open-source MATLAB application for simple and intuitive Fourier ptychographic reconstruction. *Bioinformatics*, 37(20), 3695–3696. doi: 10.1093/bioinformatics/btab237
2. Rogalski, M., Pielach, M., Cicone, A., Zdańkowski, P., Stanaszek, L., Drela, K., Patorski, K., Lukomska, B., & Trusiak, M. (2022). Tailoring 2D fast iterative filtering algorithm for low-contrast optical fringe pattern preprocessing. *Optics and Lasers in Engineering*, 155(April), 107069. doi: 10.1016/j.optlaseng.2022.107069
3. Rogalski, M., Picazo-Bueno, J. A., Winnik, J., Zdańkowski, P., Micó, V., & Trusiak, M. (2022). Accurate automatic object 4D tracking in digital in-line holographic microscopy based on computationally rendered dark fields. *Scientific Reports*, 12(1), 12909. doi: 10.1038/s41598-022-17176-1
4. Mirecki, B., Rogalski, M., Arcab, P., Rogujski, P., Stanaszek, L., Jóźwik, M., & Trusiak, M. (2022). Low-intensity illumination for lensless digital holographic microscopy with minimized sample interaction. *Biomedical Optics Express*, 13(11), 5667. doi: 10.1364/BOE.464367
5. Rogalski, M., Cywińska, M., Ahmad, A., Patorski, K., Micó, V., Ahluwalia, B. S., & Trusiak, M. (2022). Hilbert phase microscopy based on pseudo thermal illumination in Linnik configuration. 1–5. Retrieved from <http://arxiv.org/abs/2209.09518>