

Jerzy Szuniewicz

Lista Publikacji

1. Szuniewicz, J., Kurdziałek, S., Kundu, S., Zwolinski, W., Chrapkiewicz, R., Lahiri, M., & Lapkiewicz, R. (2023). Noise-resistant phase imaging with intensity correlation. *Science Advances*, 9(38), eadh5396.
2. Lapkiewicz R., Szuniewicz J., Firlik G., Wasilewski W., Zwolinski W., Wekrzyn P., Krupinski-Ptaszek A., (2021). System for detection with high temporal and spatial resolution and method for detection with high temporal and spatial resolution (Patent UE nr EP3648453B1). Europejski Urząd Patentowy.
3. Szadowiak, W., Kundu, S., Szuniewicz, J., & Lapkiewicz, R. (2021). Self-referenced hologram of a single photon beam. *Quantum*, 5, 516.
4. Szuniewicz, J., Sagona-Stophel, S., Thomas, S., Walmsley, I., & Karpiński, M. (2023, June). Phase-noise-insensitive orthogonality verification of single-photon-level temporal modes, w: 2023 Conference on Lasers and Electro-Optics Europe & European Quantum Electronics Conference (CLEO/Europe-EQEC), IEEE.
5. Nussbaum, B. E., Purakayastha, U., Floyd, J., Szuniewicz, J., Sośnicki, F., Karpiński, M., & Kwiat, P. G. (2023, July). Toward frequency multiplexing for time-bin states. w: *Photonics for Quantum 2023* (vol. 12633, s. 1263302), SPIE.