

Ewelina Pijewska

Lista Publikacji

1. E. Pijewska, I. Gorczynska, and M. Szkulmowski, "Computationally effective 2D and 3D fast phase unwrapping algorithms and their applications to Doppler optical coherence tomography," *Biomedical Optics Express* (JIF 3.91, 140 p. MNiSW), Vol. 10, Issue 3, pp. 1365-1382 (2019); DOI 10.1364/BOE.10.001365
2. E. Pijewska, M. Sylwestrzak, I. Gorczynska, Sz. Tamborski, M. A. Pawlak, and M. Szkulmowski, "Blood flow rate estimation in optic disc capillaries and vessels using Doppler optical coherence tomography with 3D fast phase unwrapping," *Biomedical Optics Express* (JIF 3.73, 140 p. MNiSW), Vol. 11, Issue 3, pp. 1336-1353 (2020); DOI 10.1364/BOE.382155
3. E. Pijewska, M. Sylwestrzak, I. Gorczynska, Sz. Tamborski, M. A. Pawlak, and M. Szkulmowski, "Blood flow rate estimation in optic disc capillaries and vessels using Doppler optical coherence tomography", *Proc. SPIE 11359, Biomedical Spectroscopy, Microscopy, and Imaging*, 113590Q (22 April 2020); DOI 10.1117/12.2555754
4. J. Li, E. Pijewska (shered first author), Q. Fang, M. Szkulmowski, B. Kennedy, "Analysis of strain estimation methods in phase-sensitive compression optical coherence elastography", *Biomedical Optics Express* (140 p. MNiSW), Vol. 13, Issue 4, pp. 2224-2246 (2022), DOI 10.1364/BOE.447340
5. E. Pijewska, P. Zhang, M. Meina, R. K. Meleppat, M. Szkulmowski, R. J. Zawadzki, "Extraction of phase-based optoretinograms (ORG) from serial B-scans acquired over tens of seconds by mouse retinal raster scanning OCT system", *Biomedical Optics Express* (140 p. MNiSW), Vol. 12, Issue 12, pp. 7849-7871 (2021), DOI 10.1364/BOE.439900