

Julianna Kostencka

Lista publikacji
z dnia 31 października 2015

Publikacje w czasopismach

1. Kostencka J., Kozacki T., Kuś A., Kujawińska M., 2015, **Accurate approach to capillary-supported optical diffraction tomography**, *Optics Express* 23, 7908-7923
2. Józwik M., Kozacki T., Liżewski K., Kostencka J., 2015, **Digital holography with multidirectional illumination by LCoS SLM for topography measurement of high gradient reflective microstructures**, *Applied Optics* 54, 2283-2288
3. Kostencka J., Kozacki T., 2015, **Computational and experimental study on accuracy of off-axis reconstructions in optical diffraction tomography**, *Optical Engineering*, 54(2), 024107
4. Kujawińska M., Krauze W., Kuś A., Kostencka J., Kozacki T., Kemper B., Dudek M., 2014, **Problems and solutions in 3D analysis of phase biological objects by optical diffraction tomography**, *International Journal of Optomechatronics*, 8(4) 357-372
5. Kostencka J., Kozacki T., Dudek M., Kujawińska M., 2014, **Time efficient method for defocus error compensation in tomographic phase microscopy**, *Photonics Letters of Poland* 6(3), 102-104
6. Kozacki T., Liżewski K., Kostencka J., 2014, **Absolute shape measurement of high NA focusing microobjects in digital holographic microscope with arbitrary spherical wave illumination**, *Optics Express* 22, 16991-17005
7. Kostencka J., Kozacki T., Dudek M., Kujawińska M., 2014, **Noise suppressed optical diffraction tomography with autofocus correction**, *Optics Express* 22, 5731-5745
8. Liżewski K., Tomczewski S., Kozacki T., Kostencka J., 2014, **High precision topography measurement through accurate in-focus plane detection with hybrid digital holographic microscope and white light interferometer module**, *Applied Optics* 53, 2446-2454
9. Kostencka J., Kozacki T., Liżewski K., 2013, **Autofocusing method for tilted image plane detection in digital holographic microscopy**, *Optics Communications* 297, 20-26
10. Liżewski K., Kozacki T., Kostencka J., **Digital holographic microscope for measurement of high gradient deep topography object based on superresolution concept**, *Optics Letters* 38, 1878-1880
11. Kozacki T., Liżewski K., Kostencka J., 2013, **Holographic method for topography measurement of highly tilted and high numerical aperture micro structures**, *Optics & Laser Technology* 49, 38-46

Prace pokonferencyjne

1. Kostencka J., Kozacki T., 2015, **Off-axis illumination in object-rotation diffraction tomography for enhanced alignment and resolution**, Proc. SPIE 95250M
2. Mikuła M., Kozacki T., Kostencka J., Liżewski K., Józwik M., 2014, **On accuracy of holographic shape measurement method with spherical wave illumination**, Proc. SPIE 92900P

3. Kozacki T., Liżewski K., Kostencka J., Jóźwik M., 2014, ***Absolute shape measurements at high resolution using digital holographic microscope***, Imaging and Applied Optics 2014, OSA Technical Digest, IW2C.3
4. Kostencka J., Kozacki T., 2014, ***Optical diffraction tomography: accuracy of an off-axis reconstruction***, Proc. SPIE 91320M
5. Kujawińska M., Kemper B., Kuś A., Dudek M., Krauze W., Kostencka J., Kozacki T., 2014, ***Problems and Solutions in Tomographic Analysis of Phase Biological Objects***, Proceedings of Fringe 2013, 7th International Workshop on Advanced Optical Imaging and Metrology, 671-676
6. Kozacki T., Liżewski K., Kostencka J., Jóźwik M., 2013, ***Topography Measurement of High Numerical Aperture Microlenses with Digital Holographic Microscopy***, Digital Holography and Three-Dimensional Imaging 2013, OSA Technical Digest (online) (Optical Society of America, 2013), DTu2A.6
7. Liżewski K., Tomczewski S., Kostencka J., Kozacki T., 2013, ***Hybrid and transfective system based on digital holographic microscope and low coherent interferometer for high gradient shape measurement***, Proc. SPIE 87880A
8. Kostencka J., Kozacki T., Kuś A., Dudek M., Kujawińska M., Kemper B., 2013, ***Holographic method for capillary induced aberration compensation for 3D tomographic measurements of living cells***, Proc. SPIE 879204
9. Liżewski K., Kozacki T., Jóźwik M., Kostencka J., 2012, ***On topography characterization of micro-optical elements with large numerical aperture using digital holographic microscopy***, Proc. SPIE 84300G