

Wojciech Krauze

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

375
citations

1040056

9
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

429
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Preprocessing methods for quantitative phaseimage stitching. Biomedical Optics Express, 2022, 13, 1-13. | 2.9 | 3 |
| 2 | Method to analyze effects of low-level laser therapy on biological cells with a digital holographic microscope. Applied Optics, 2022, 61, B297. | 1.8 | 4 |
| 3 | On-chip holographic tomography for quantifying refractive index changes of cellsâ€™ dynamics. , 2022, , . | | 0 |
| 4 | Holographic tomography: techniques and biomedical applications [Invited]. Applied Optics, 2021, 60, B65. | 1.8 | 74 |
| 5 | Optical diffraction tomography with finite object support for the minimization of missing cone artifacts. Biomedical Optics Express, 2020, 11, 1919. | 2.9 | 21 |
| 6 | True Volumetric Measurements of Cells and Tissues by Limited Angle Holographic Tomography. , 2020, , . | | 0 |
| 7 | Holographic tomography: hardware and software solutions for 3D quantitative biomedical imaging (Invited paper). ETRI Journal, 2019, 41, 61-72. | 2.0 | 53 |
| 8 | Comparative study of laboratory and commercial limited-angle holographic tomography setups. , 2019, , . | | 3 |
| 9 | Tomographic imaging using a compact soft X-ray microscope based on a laser plasma light source. , 2019, , . | | 2 |
| 10 | Reconstruction method for extended depth-of-field optical diffraction tomography. Methods, 2018, 136, 40-49. | 3.8 | 21 |
| 11 | Multi-modal quantitative analysis of HeLa cells using digital holographic microscopy and confocal laser scanning microscopy. , 2018, , . | | 0 |
| 12 | Reconstruction method for extended depth-of-field limited-angle tomography. , 2017, , . | | 0 |
| 13 | Generalized total variation iterative constraint strategy in limited angle optical diffraction tomography. Optics Express, 2016, 24, 4924. | 3.4 | 48 |
| 14 | Limited angle optical diffraction tomography with generalized total variation iterative constraint algorithm. , 2016, , . | | 0 |
| 15 | Novel Perspectives on the Characterization of Species-Dependent Optical Signatures of Bacterial Colonies by Digital Holography. PLoS ONE, 2016, 11, e0150449. | 2.5 | 11 |
| 16 | Limited-angle hybrid optical diffraction tomography system with total-variation-minimization-based reconstruction. Optical Engineering, 2015, 54, 054104. | 1.0 | 12 |
| 17 | Active limited-angle tomographic phase microscope. Journal of Biomedical Optics, 2015, 20, 1. | 2.6 | 94 |
| 18 | Problems and Solutions in 3-D Analysis of Phase Biological Objects by Optical Diffraction Tomography. International Journal of Optomechatronics, 2014, 8, 357-372. | 6.6 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Problems and Solutions in Tomographic Analysis of Phase Biological Objects. , 2014, , 671-676. | | 0 |
| 20 | Limited-angle tomography applied to biological objects. Photonics Letters of Poland, 2013, 5, . | 0.4 | 0 |
| 21 | Investigation of refractive index distribution in different photonic crystal fiber elements. Proceedings of SPIE, 2011, , . | 0.8 | 3 |