

Wojciech Krauze

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4908262/publications.pdf>

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	Active limited-angle tomographic phase microscope. <i>Journal of Biomedical Optics</i> , 2015, 20, 1.	2.6	94
2	Holographic tomography: techniques and biomedical applications [Invited]. <i>Applied Optics</i> , 2021, 60, B65.	1.8	74
3	Holographic tomography: hardware and software solutions for 3D quantitative biomedical imaging (Invited paper). <i>ETRI Journal</i> , 2019, 41, 61-72.	2.0	53
4	Generalized total variation iterative constraint strategy in limited angle optical diffraction tomography. <i>Optics Express</i> , 2016, 24, 4924.	3.4	48
5	Problems and Solutions in 3-D Analysis of Phase Biological Objects by Optical Diffraction Tomography. <i>International Journal of Optomechatronics</i> , 2014, 8, 357-372.	6.6	26
6	Reconstruction method for extended depth-of-field optical diffraction tomography. <i>Methods</i> , 2018, 136, 40-49.	3.8	21
7	Optical diffraction tomography with finite object support for the minimization of missing cone artifacts. <i>Biomedical Optics Express</i> , 2020, 11, 1919.	2.9	21
8	Limited-angle hybrid optical diffraction tomography system with total-variation-minimization-based reconstruction. <i>Optical Engineering</i> , 2015, 54, 054104.	1.0	12
9	Novel Perspectives on the Characterization of Species-Dependent Optical Signatures of Bacterial Colonies by Digital Holography. <i>PLoS ONE</i> , 2016, 11, e0150449.	2.5	11
10	Method to analyze effects of low-level laser therapy on biological cells with a digital holographic microscope. <i>Applied Optics</i> , 2022, 61, B297.	1.8	4
11	Investigation of refractive index distribution in different photonic crystal fiber elements. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
12	Comparative study of laboratory and commercial limited-angle holographic tomography setups. , 2019, , .		3
13	Preprocessing methods for quantitative phase image stitching. <i>Biomedical Optics Express</i> , 2022, 13, 1-13.	2.9	3
14	Tomographic imaging using a compact soft X-ray microscope based on a laser plasma light source. , 2019, , .		2
15	Limited angle optical diffraction tomography with generalized total variation iterative constraint algorithm. , 2016, , .		0
16	Reconstruction method for extended depth-of-field limited-angle tomography. , 2017, , .		0
17	Limited-angle tomography applied to biological objects. <i>Photonics Letters of Poland</i> , 2013, 5, , .	0.4	0
18	Problems and Solutions in Tomographic Analysis of Phase Biological Objects. , 2014, , 671-676.		0

#	ARTICLE	IF	CITATIONS
19	Multi-modal quantitative analysis of HeLa cells using digital holographic microscopy and confocal laser scanning microscopy. , 2018, ,		0
20	True Volumetric Measurements of Cells and Tissues by Limited Angle Holographic Tomography. , 2020, ,		0
21	On-chip holographic tomography for quantifying refractive index changes of cellsâ€™ dynamics. , 2022, ,		0