

Patrice Tankam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10691778/publications.pdf>

Version: 2024-02-01

29
papers

723
citations

687363

13
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of high-speed, integrated high-resolution optical coherence microscopy and dual-channel fluorescence microscopy for the simultaneous co-registration of reflectance and fluorescence signals. Optics and Lasers in Engineering, 2022, 149, 106823.	3.8	4
2	Cellular assessment of the cornea of transgenic mice models using multi-modal optical coherence microscopy and dual-channel fluorescence microscopy. , 2022, , .		0
3	Gabor-domain optical coherence tomography to aid in Mohs resection of basal cell carcinoma. Journal of the American Academy of Dermatology, 2019, 80, 1766-1769.	1.2	11
4	Quantitative assessment of human donor corneal endothelium with Gabor domain optical coherence microscopy. Journal of Biomedical Optics, 2019, 24, 1.	2.6	4
5	Capabilities of Gabor-domain optical coherence microscopy for the assessment of corneal disease. Journal of Biomedical Optics, 2019, 24, 1.	2.6	8
6	3D wide field-of-view Gabor-domain optical coherence microscopy advancing real-time in-vivo imaging and metrology. Proceedings of SPIE, 2017, , .	0.8	0
7	MEMS-based handheld scanning probe with pre-shaped input signals for distortion-free images in Gabor-domain optical coherence microscopy. Optics Express, 2016, 24, 13365.	3.4	77
8	Optical Assessment of Soft Contact Lens Edge-Thickness. Optometry and Vision Science, 2016, 93, 987-996.	1.2	11
9	Investigating Corneal Disease Using High Resolution Gabor-domain Optical Coherence Microscopy. , 2016, , .		0
10	Gabor-domain optical coherence microscopy with integrated dual-axis MEMS scanner for fast 3D imaging and metrology. Proceedings of SPIE, 2015, , .	0.8	2
11	Optimization of galvanometer scanning for optical coherence tomography. Applied Optics, 2015, 54, 5495.	2.1	65
12	Assessing microstructures of the cornea with Gabor-domain optical coherence microscopy: pathway for corneal physiology and diseases. Optics Letters, 2015, 40, 1113.	3.3	29
13	Application of maximum-likelihood estimation in optical coherence tomography for nanometer-class thickness estimation. , 2015, , .		0
14	Parallelized multi-graphics processing unit framework for high-speed Gabor-domain optical coherence microscopy. Journal of Biomedical Optics, 2014, 19, 071410.	2.6	23
15	Measurement of a multi-layered tear film phantom using optical coherence tomography and statistical decision theory. Biomedical Optics Express, 2014, 5, 4374.	2.9	30
16	Analysis and adaptation of convolution algorithms to reconstruct extended objects in digital holography. Applied Optics, 2013, 52, A240.	1.8	32
17	Digital color holography applied to fluid and structural mechanics. Optics and Lasers in Engineering, 2012, 50, 18-28.	3.8	40
18	Experimental and theoretical investigation of the pixel saturation effect in digital holography. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 1262.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Digital holographic reconstruction of a local object field using an adjustable magnification. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 1291.	1.5	22
20	Real-Time 3D Sensing Using a Stacked Color Image Sensor. , 2011, , .		0
21	Near wake flow of cylinder analyzed by digital three-wavelength holographic interferometry. , 2011, , .		0
22	Research on the recording hologram with Foveon in digital color holography. Proceedings of SPIE, 2010, , .	0.8	1
23	Design of the spatial filter window for digital holographic convolution reconstruction of object beam field. Optics Communications, 2010, 283, 4166-4170.	2.1	4
24	Method of digital holographic recording and reconstruction using a stacked color image sensor. Applied Optics, 2010, 49, 320.	2.1	35
25	Real-time three-sensitivity measurements based on three-color digital Fresnel holographic interferometry. Optics Letters, 2010, 35, 2055.	3.3	62
26	Some Opportunities for Digital Color Holography Using a Stack of Photodiodes. , 2010, , .		0
27	Digital holographic reconstruction of large objects using a convolution approach and adjustable magnification. Optics Letters, 2009, 34, 572.	3.3	78
28	Spatial bandwidth extended reconstruction for digital color Fresnel holograms. Optics Express, 2009, 17, 9145.	3.4	56
29	Digital three-color holographic interferometry for flow analysis. Optics Express, 2008, 16, 5471.	3.4	115