

Arnaud Dubois

List of Publications by Year in descending order

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47
papers

2,633
citations

257101

24
h-index

377514

34
g-index

47
all docs

47
docs citations

47
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution full-field optical coherence tomography with a Linnik microscope. Applied Optics, 2002, 41, 805.	2.1	457
2	Thermal-light full-field optical coherence tomography. Optics Letters, 2002, 27, 530.	1.7	325
3	Ultra-high-resolution full-field optical coherence tomography. Applied Optics, 2004, 43, 2874.	2.1	319
4	Line-field confocal optical coherence tomography for high-resolution noninvasive imaging of skin tumors. Journal of Biomedical Optics, 2018, 23, 1.	1.4	139
5	Three-dimensional cellular-level imaging using full-field optical coherence tomography. Physics in Medicine and Biology, 2004, 49, 1227-1234.	1.6	135
6	In vivo anterior segment imaging in the rat eye with high speed white light full-field optical coherence tomography. Optics Express, 2005, 13, 6286.	1.7	116
7	Ocular Tissue Imaging Using Ultra-high-Resolution, Full-Field Optical Coherence Tomography. , 2004, 45, 4126.		113
8	Stroboscopic ultra-high-resolution full-field optical coherence tomography. Optics Letters, 2005, 30, 1351.	1.7	84
9	Phase-map measurements by interferometry with sinusoidal phase modulation and four integrating buckets. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 1972.	0.8	83
10	Simultaneous dual-band ultra-high resolution full-field optical coherence tomography. Optics Express, 2008, 16, 19434.	1.7	70
11	Spectroscopic ultra-high-resolution full-field optical coherence microscopy. Optics Express, 2008, 16, 17082.	1.7	68
12	Phase measurements with wide-aperture interferometers. Applied Optics, 2000, 39, 2326.	2.1	60
13	Thermal-light full-field optical coherence tomography in the 1.2 μ m wavelength region. Optics Communications, 2006, 266, 738-743.	1.0	59
14	Line-field confocal time-domain optical coherence tomography with dynamic focusing. Optics Express, 2018, 26, 33534.	1.7	56
15	Real-time reflectivity and topography imagery of depth-resolved microscopic surfaces. Optics Letters, 1999, 24, 309.	1.7	55
16	Dual-mode line-field confocal optical coherence tomography for ultra-high-resolution vertical and horizontal section imaging of human skin in vivo. Biomedical Optics Express, 2020, 11, 1327.	1.5	49
17	<i>In vivo</i> characterization of healthy human skin with a novel, non-invasive imaging technique: line-field confocal optical coherence tomography. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 2914-2921.	1.3	45
18	Polarization-sensitive full-field optical coherence tomography. Optics Letters, 2007, 32, 2058.	1.7	39

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19	Motion artifact suppression in full-field optical coherence tomography. <i>Applied Optics</i> , 2010, 49, 1480.	2.1	37
20	Sinusoidally phase-modulated interference microscope for high-speed high-resolution topographic imagery. <i>Optics Letters</i> , 2001, 26, 1873.	1.7	33
21	Line-field confocal optical coherence tomography for three-dimensional skin imaging. <i>Frontiers of Optoelectronics</i> , 2020, 13, 381-392.	1.9	32
22	Simultaneous dual-band line-field confocal optical coherence tomography: application to skin imaging. <i>Biomedical Optics Express</i> , 2019, 10, 694.	1.5	30
23	Comparison of line-field confocal optical coherence tomography images with histological sections: Validation of a new method for in vivo and non-invasive quantification of superficial dermis thickness. <i>Skin Research and Technology</i> , 2020, 26, 398-404.	0.8	26
24	Full-field optical coherence microscopy with optimized ultrahigh spatial resolution. <i>Optics Letters</i> , 2015, 40, 5347.	1.7	25
25	Focus defect and dispersion mismatch in full-field optical coherence microscopy. <i>Applied Optics</i> , 2017, 56, D142.	2.1	25
26	Effects of phase change on reflection in phase-measuring interference microscopy. <i>Applied Optics</i> , 2004, 43, 1503.	2.1	21
27	Spectroscopic polarization-sensitive full-field optical coherence tomography. <i>Optics Express</i> , 2012, 20, 9962.	1.7	21
28	Non-invasive scoring of cellular atypia in keratinocyte cancers in 3D LC-OCT images using Deep Learning. <i>Scientific Reports</i> , 2022, 12, 481.	1.6	21
29	Mirau-based line-field confocal optical coherence tomography. <i>Optics Express</i> , 2020, 28, 7918.	1.7	17
30	High-resolution full-field optical coherence microscopy using a broadband light-emitting diode. <i>Optics Express</i> , 2016, 24, 9922.	1.7	15
31	Line-field confocal optical coherence tomography as a tool for three-dimensional in vivo quantification of healthy epidermis: A pilot study. <i>Journal of Biophotonics</i> , 2022, 15, e202100236.	1.1	15
32	Three-band, 19- $\frac{1}{4}$ μ m axial resolution full-field optical coherence microscopy over a 530-1700 nm wavelength range using a single camera. <i>Optics Letters</i> , 2014, 39, 1374.	1.7	12
33	A compact high-speed full-field optical coherence microscope for high-resolution in vivo skin imaging. <i>Journal of Biophotonics</i> , 2019, 12, e201800208.	1.1	10
34	A simplified algorithm for digital fringe analysis in two-wave interferometry with sinusoidal phase modulation. <i>Optics Communications</i> , 2017, 391, 128-134.	1.0	8
35	Co-localized line-field confocal optical coherence tomography and confocal Raman microspectroscopy for three-dimensional high-resolution morphological and molecular characterization of skin tissues ex vivo. <i>Biomedical Optics Express</i> , 2022, 13, 2467.	1.5	6
36	Full-Field Optical Coherence Microscopy. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
37	Line-field confocal optical coherence tomography based on a Mirau interferometer. , 2020, , .		1
38	Line-field confocal optical coherence tomography (LC-OCT) for ex-vivo skin imaging with extended field-of-view. , 2022, , .		1
39	Optical skin biopsy using multimodal line-field confocal optical coherence tomography (LC-OCT). , 2022, , .		1
40	Color high resolution full-field optical coherence microscopy for contrast-enhanced imaging. , 2014, , .		0
41	Chapter 13 Technological Extensions of Full-Field Optical Coherence Microscopy for Multicontrast Imaging. , 2016, , 467-518.		0
42	Multimodal full-field optical coherence microscopy. , 2010, , .		0
43	Co-localized line-field confocal optical coherence tomography (LC-OCT) and confocal Raman microspectroscopy for ex vivo analysis of skin tissues. , 2022, , .		0
44	Mirau-based line-field confocal optical coherence tomography for three-dimensional high-resolution skin imaging. , 2022, , .		0
45	Morpho-molecular characterization of a tattooed skin biopsy using co-localized line-field confocal optical coherence tomography (LC-OCT) and confocal Raman microspectroscopy. , 2022, , .		0
46	Measurement of optical scattering properties using line-field confocal optical coherence tomography (LC-OCT). , 2022, , .		0
47	Three-dimensional microscopic quantification of in vivo healthy epidermis based on line-field confocal optical coherence tomography (LC-OCT) assisted by artificial intelligence. , 2022, , .		0