

Kye-Sung Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10845667/publications.pdf>

Version: 2024-02-01

31
papers

926
citations

516710

16
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Bessel beam spectral-domain high-resolution optical coherence tomography with micro-optic axicon providing extended focusing range. <i>Optics Letters</i> , 2008, 33, 1696.	3.3	207
2	Gabor-based fusion technique for Optical Coherence Microscopy. <i>Optics Express</i> , 2010, 18, 3632.	3.4	110
3	Broadband astigmatism-corrected "Czerny" Turner spectrometer. <i>Optics Express</i> , 2010, 18, 23378.	3.4	96
4	Experimental investigations of the scanning functions of galvanometer-based scanners with applications in OCT. <i>Applied Optics</i> , 2011, 50, 5735.	2.1	87
5	Micrometer axial resolution OCT for corneal imaging. <i>Biomedical Optics Express</i> , 2011, 2, 3037.	2.9	64
6	Optical Coherence Tomography Enabling Non Destructive Metrology of Layered Polymeric GRIN Material. <i>Scientific Reports</i> , 2013, 3, .	3.3	51
7	Three-dimensional imaging of normal skin and nonmelanoma skin cancer with cellular resolution using Gabor domain optical coherence microscopy. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	2.6	45
8	Assessment of a liquid lens enabled in vivo optical coherence microscope. <i>Applied Optics</i> , 2010, 49, D145.	2.1	33
9	Dual detection full range frequency domain optical coherence tomography. <i>Optics Letters</i> , 2010, 35, 1058.	3.3	31
10	Dispersion control with a Fourier-domain optical delay line in a fiber-optic imaging interferometer. <i>Applied Optics</i> , 2005, 44, 4009.	2.1	29
11	Cellular resolution optical coherence microscopy with high acquisition speed for in-vivo human skin volumetric imaging. <i>Optics Letters</i> , 2011, 36, 2221.	3.3	28
12	Parallelized multi-graphics processing unit framework for high-speed Gabor-domain optical coherence microscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 071410.	2.6	23
13	Optical design of a dynamic focus catheter for high-resolution endoscopic optical coherence tomography. <i>Applied Optics</i> , 2008, 47, 2452.	2.1	20
14	Doppler imaging with dual-detection full-range frequency domain optical coherence tomography. <i>Biomedical Optics Express</i> , 2010, 1, 537.	2.9	20
15	Maximum-likelihood estimation in Optical Coherence Tomography in the context of the tear film dynamics. <i>Biomedical Optics Express</i> , 2013, 4, 1806.	2.9	16
16	Phantom study of tear film dynamics with optical coherence tomography and maximum-likelihood estimation. <i>Optics Letters</i> , 2013, 38, 1721.	3.3	16
17	Nondestructive metrology by optical coherence tomography empowering manufacturing iterations of layered polymeric optical materials. <i>Optical Engineering</i> , 2013, 52, 112111.	1.0	12
18	Gabor domain optical coherence microscopy. <i>Proceedings of SPIE</i> , 2008, , .	0.8	9

#	ARTICLE	IF	CITATIONS
19	Broadband Fourier-domain mode-locked lasers. Photonic Sensors, 2011, 1, 222-227.	5.0	8
20	High speed parallel spectral-domain OCT using spectrally encoded line-field illumination. Applied Physics Letters, 2018, 112, 041102.	3.3	7
21	Spectrally encoded common-path fiber-optic-based parallel optical coherence tomography. Optics Letters, 2016, 41, 4241.	3.3	7
22	Nondestructive 3-D imaging of femtosecond laser written volumetric structures using optical coherence microscopy. Applied Physics A: Materials Science and Processing, 2011, 104, 289-294.	2.3	6
23	High resolution axicon-based endoscopic FD OCT imaging with a large depth range. , 2010, , .		1
24	Gabor Domain Optical Coherence Microscopy. , 2009, , .		0
25	Gabor domain optical coherence microscopy. Proceedings of SPIE, 2009, , .	0.8	0
26	Liquid lens enabled optical coherence microscope with Gabor fusion. , 2010, , .		0
27	Micron-class axial resolution FD OCT with high acquisition speed using a broadband astigmatism-corrected spectrometer. Proceedings of SPIE, 2011, , .	0.8	0
28	Applications of Gabor domain optical coherence microscopy. , 2011, , .		0
29	Nondestructive metrology of layered polymeric optical materials using optical coherence tomography. Proceedings of SPIE, 2012, , .	0.8	0
30	Performance of a Liquid Lens Enabled Optical Coherence Microscope with Gabor Fusion. , 2010, , .		0
31	Optical Coherence Microscopy Using Bessel Beam. , 2010, , .		0