

Masahiro Yamanari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2333744/publications.pdf>

Version: 2024-02-01

86
papers

3,521
citations

172386

29
h-index

168321

53
g-index

87
all docs

87
docs citations

87
times ranked

1896
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical coherence angiography. Optics Express, 2006, 14, 7821.	1.7	660
2	In vivo high-contrast imaging of deep posterior eye by 1- $\frac{1}{4}$ μ m swept source optical coherence tomography and scattering optical coherence angiography. Optics Express, 2007, 15, 6121.	1.7	360
3	Polarization-sensitive swept-source optical coherence tomography with continuous source polarization modulation. Optics Express, 2008, 16, 5892.	1.7	178
4	Three-dimensional Imaging of Macular Holes with High-speed Optical Coherence Tomography. Ophthalmology, 2007, 114, 763-773.	2.5	168
5	Generalized Jones matrix optical coherence tomography: performance and local birefringence imaging. Optics Express, 2010, 18, 854.	1.7	143
6	Comprehensive in vivo micro-vascular imaging of the human eye by dual-beam-scan Doppler optical coherence angiography. Optics Express, 2011, 19, 1271.	1.7	138
7	Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. Optics Express, 2006, 14, 6502.	1.7	131
8	Imaging Polarimetry in Age-Related Macular Degeneration. , 2008, 49, 2661.		104
9	Visualization of Sub-retinal Pigment Epithelium Morphologies of Exudative Macular Diseases by High-Penetration Optical Coherence Tomography. , 2009, 50, 405.		97
10	Phase retardation measurement of retinal nerve fiber layer by polarization-sensitive spectral-domain optical coherence tomography and scanning laser polarimetry. Journal of Biomedical Optics, 2008, 13, 014013.	1.4	96
11	Automatic characterization and segmentation of human skin using three-dimensional optical coherence tomography. Optics Express, 2006, 14, 1862.	1.7	89
12	Passive component based multifunctional Jones matrix swept source optical coherence tomography for Doppler and polarization imaging. Optics Letters, 2012, 37, 1958.	1.7	88
13	High-speed three-dimensional human retinal imaging by line-field spectral domain optical coherence tomography. Optics Express, 2007, 15, 7103.	1.7	86
14	Visualization of phase retardation of deep posterior eye by polarization-sensitive swept-source optical coherence tomography with 1- μ m probe. Optics Express, 2009, 17, 12385.	1.7	81
15	Birefringence measurement of cornea and anterior segment by office-based polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2011, 2, 2392.	1.5	76
16	Three-dimensional Anterior Segment Optical Coherence Tomography of Filtering Blebs After Trabeculectomy. Journal of Glaucoma, 2008, 17, 193-196.	0.8	62
17	Investigation of post-glaucoma-surgery structures by three-dimensional and polarization sensitive anterior eye segment optical coherence tomography. Optics Express, 2009, 17, 3980.	1.7	62
18	Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. Optics Express, 2007, 15, 7538.	1.7	61

#	ARTICLE	IF	CITATIONS
19	Full-range polarization-sensitive swept-source optical coherence tomography by simultaneous transversal and spectral modulation. <i>Optics Express</i> , 2010, 18, 13964.	1.7	58
20	In vivo Three-Dimensional Birefringence Analysis Shows Collagen Differences between Young and Old Photo-Aged Human Skin. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1641-1647.	0.3	56
21	In vivo evaluation of human skin anisotropy by polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2011, 2, 2623.	1.5	56
22	Keratoconus Diagnosis Using Anterior Segment Polarization-Sensitive Optical Coherence Tomography. , 2013, 54, 1384.		49
23	Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. <i>Optics Express</i> , 2009, 17, 17426.	1.7	46
24	Visibility of trabecular meshwork by standard and polarization-sensitive optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2010, 15, 061705.	1.4	46
25	Fiber-based polarization-sensitive OCT for birefringence imaging of the anterior eye segment. <i>Biomedical Optics Express</i> , 2015, 6, 369.	1.5	40
26	Relationship between dermal birefringence and the skin surface roughness of photoaged human skin. <i>Journal of Biomedical Optics</i> , 2009, 14, 044032.	1.4	34
27	Automated phase retardation oriented segmentation of chorio-scleral interface by polarization sensitive optical coherence tomography. <i>Optics Express</i> , 2012, 20, 3353.	1.7	34
28	Comparison of three-dimensional optical coherence tomography and combining a rotating Scheimpflug camera with a Placido topography system for forme fruste keratoconus diagnosis. <i>British Journal of Ophthalmology</i> , 2013, 97, 1554-1559.	2.1	33
29	Scleral birefringence as measured by polarization-sensitive optical coherence tomography and ocular biometric parameters of human eyes in vivo. <i>Biomedical Optics Express</i> , 2014, 5, 1391.	1.5	33
30	Simultaneous high-resolution retinal imaging and high-penetration choroidal imaging by one-micrometer adaptive optics optical coherence tomography. <i>Optics Express</i> , 2010, 18, 8515.	1.7	32
31	Monte-Carlo-based phase retardation estimator for polarization sensitive optical coherence tomography. <i>Optics Express</i> , 2011, 19, 16330.	1.7	31
32	Estimation of Jones matrix, birefringence and entropy using Cloude-Pottier decomposition in polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2016, 7, 3551.	1.5	31
33	Optical Rheology of Porcine Sclera by Birefringence Imaging. <i>PLoS ONE</i> , 2012, 7, e44026.	1.1	27
34	Birefringence measurement of cornea and anterior segment by office-based polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2011, 2, 2392-402.	1.5	22
35	Relationship between Changes in Crystalline Lens Shape and Axial Elongation in Young Children. , 2013, 54, 771.		19
36	Dual-beam-scan Doppler optical coherence angiography for birefringence-artifact-free vasculature imaging. <i>Optics Express</i> , 2012, 20, 2681.	1.7	17

#	ARTICLE	IF	CITATIONS
37	Melanin concentration and depolarization metrics measurement by polarization-sensitive optical coherence tomography. <i>Scientific Reports</i> , 2020, 10, 19513.	1.6	15
38	Anisotropic Alteration of Scleral Birefringence to Uniaxial Mechanical Strain. <i>PLoS ONE</i> , 2013, 8, e58716.	1.1	14
39	Polarization-sensitive optical coherence tomography for estimating relative melanin content of autologous induced stem-cell derived retinal pigment epithelium. <i>Scientific Reports</i> , 2020, 10, 7656.	1.6	13
40	Visualization of Anterior Chamber Angle Structures With Scattering- and Polarization-Sensitive Anterior Segment Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2021, 10, 29.	1.1	13
41	Comparison of Spectral Domain Optical Coherence Tomography and Color Photographic Imaging of the Optic Nerve Head in Management of Glaucoma. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2009, 40, 255-263.	0.4	11
42	Association between histological findings and polarization-sensitive optical coherence tomography analysis of a post-trabeculectomy human eye. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 685-688.	1.3	10
43	Jones Matrix Based Polarization Sensitive Optical Coherence Tomography. , 2015, , 1137-1162.		10
44	Three-dimensional optical coherence tomography of proliferative diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2008, 92, 713-713.	2.1	8
45	Parallel detection of Jones-matrix elements in polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2019, 10, 2318.	1.5	8
46	Polarization Characteristics of Multiple Backscattering in Human Blood Cell Suspensions. <i>Optical and Quantum Electronics</i> , 2005, 37, 1277-1285.	1.5	7
47	High-speed and high-sensitive optical coherence angiography. , 2009, , .		7
48	Three-Dimensional Distribution Of Fundus Depolarization and Associating Factors Measured Using Polarization-Sensitive Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2021, 10, 30.	1.1	7
49	Retinal pigment epithelium melanin distribution estimated by polarisation entropy and its association with retinal sensitivity in patients with high myopia. <i>British Journal of Ophthalmology</i> , 2022, 106, 1457-1462.	2.1	6
50	Imaging of a retinal pigment epithelium aperture using polarization-sensitive optical coherence tomography. <i>Japanese Journal of Ophthalmology</i> , 2021, 65, 30-41.	0.9	5
51	Usefulness of Polarization-sensitive Optical Coherence Tomography-derived Attenuation-coefficient Images to Visualize the Internal Structure of the Filtering Bleb. <i>Current Eye Research</i> , 2021, 46, 606-609.	0.7	5
52	High-sensitive blood flow imaging of the retina and choroid by using double-beam optical coherence angiography. , 2010, , .		4
53	Changes in entropy on polarized-sensitive optical coherence tomography images after therapeutic subthreshold micropulse laser for diabetic macular edema: A pilot study. <i>PLoS ONE</i> , 2021, 16, e0257000.	1.1	4
54	Polarization-Sensitive Optical Coherence Tomography of Necrotizing Scleritis. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2009, 40, 607-610.	0.4	4

#	ARTICLE	IF	CITATIONS
55	Birefringence measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography with Jones matrix based analysis. , 2007, , .		3
56	Complex Conjugate Resolved Retinal Imaging by One-micrometer Spectral Domain Optical Coherence Tomography Using an Electro-optical Phase Modulator. Journal of the Optical Society of Korea, 2011, 15, 111-117.	0.6	3
57	Accurate and quantitative polarization-sensitive OCT by unbiased birefringence estimator with noise-stochastic correction. , 2016, , .		3
58	Retinal pigment epithelium melanin imaging using polarization-sensitive optical coherence tomography for patients with retinitis pigmentosa. Scientific Reports, 2022, 12, 7115.	1.6	3
59	Clinical examinations of anterior eye segments by three-dimensional swept-source optical coherence tomography. , 2007, , .		2
60	Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. , 2010, , .		2
61	Polarization sensitive corneal and anterior segment swept-source optical coherence tomography. , 2010, , .		2
62	Phase-insensitive optical coherence angiography. , 2007, , .		1
63	Full range 1- $\frac{1}{4}$ m spectral domain optical coherence tomography by using electro-optical phase modulator. , 2008, , .		1
64	Discrimination of conjunctiva and sclera using texture analysis of polarization sensitive optical coherence tomography images. Proceedings of SPIE, 2009, , .	0.8	1
65	In vivo depth-resolved tissue contrast by local birefringence and differential optic axis orientation using polarization-sensitive swept-source optical coherence tomography. Proceedings of SPIE, 2009, , .	0.8	1
66	Assessment of macular function in patients with non-vascularized pigment epithelial detachment. Scientific Reports, 2021, 11, 16577.	1.6	1
67	Phase retardation measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography and scanning laser polarimetry. , 2007, , .		1
68	Optic axis determination in SU(2) Jones formalism. , 2019, , .		1
69	Prepapillary retinal vessel quantification by using Doppler optical coherence angiography. , 2007, , .		0
70	Polarization-sensitive Fourier domain optical coherence tomography for the imaging the anterior segment disorder of the eyes. Proceedings of SPIE, 2007, , .	0.8	0
71	Phase retardation measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography and scanning laser polarimetry. , 2007, , .		0
72	Optimization of line-field spectral domain optical coherence tomography for in vivo high-speed 3D retinal imaging. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
73	Imaging polarimetry in macular disease with scanning laser polarimetry and polarization-sensitive Fourier-domain optical coherence tomography. , 2007, , .		0
74	Optical coherence angiography for the human eye. , 2007, , .		0
75	Quantitative comparison of phase retardation measured, by polarization-sensitive spectral-domain optical, coherence tomography and scanning laser tomography. , 2007, , .		0
76	Polarization-sensitive swept-source optical coherence tomography with continuous polarization modulation. , 2008, , .		0
77	Imaging the anterior eye segment by polarization-sensitive spectral-domain and swept-source optical coherence tomography. Proceedings of SPIE, 2008, , .	0.8	0
78	The evaluation of the photoaging of the human skin by three-dimensional polarization sensitive spectral domain optical coherence tomography. Proceedings of SPIE, 2008, , .	0.8	0
79	Investigation of anterior chamber angle by swept-source polarization sensitive optical coherence tomography. , 2009, , .		0
80	Polarization-sensitive swept-source optical coherence tomography at 1 $\hat{\wedge}$ 4 $\hat{\mu}$ m for birefringence imaging of the posterior segment of the eye. , 2009, , .		0
81	Simultaneous birefringence and Doppler flow imaging of the anterior eye segment using multi-functional swept-source optical coherence tomography. , 2009, , .		0
82	Full range polarization-sensitive swept-source optical coherence tomography at 1 $\hat{\wedge}$ 4m with polarization modulation and BM-mode scant. Proceedings of SPIE, 2010, , .	0.8	0
83	In vivo analysis of human skin anisotropy by polarization-sensitive optical coherence tomography. Proceedings of SPIE, 2011, , .	0.8	0
84	Office based multi-functional anterior eye segment optical coherence tomography. , 2012, , .		0
85	Automated detection of chorio-scleral interface using polarization-sensitive optical coherence tomography. , 2012, , .		0
86	Tissue Contrast Imaging by Polarization Sensitive Optical Coherence Tomography. , 2009, , .		0