

# Yoshiaki Yasuno, Y Yasuno

## List of Publications by Year in descending order

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284  
papers

8,743  
citations

50276

46  
h-index

58581

82  
g-index

285  
all docs

285  
docs citations

285  
times ranked

4378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep convolutional neural network-based scatterer density and resolution estimators in optical coherence tomography. Biomedical Optics Express, 2022, 13, 168.	2.9	6
2	Multicontrast investigation of in vivo wildtype zebrafish in three development stages using polarization-sensitive optical coherence tomography. Journal of Biomedical Optics, 2022, 27, .	2.6	9
3	Three dimensional tumor spheroid drug response evaluation using OCT based tissue viability evaluation method. , 2022, , .		0
4	Objective evaluation of choroidal melanin loss in patients with Vogt-Koyanagi-Harada disease using polarization-sensitive optical coherence tomography. Scientific Reports, 2022, 12, 3526.	3.3	4
5	Multi-focus average for multiple scattering noise suppression in optical coherence tomography. , 2022, , .		1
6	Non-destructive characterization of adult zebrafish models using Jones matrix optical coherence tomography. Biomedical Optics Express, 2022, 13, 2202.	2.9	10
7	Label-free assessment of renal function with unilateral ureteral obstruction (UUO) model by optical coherence microscopy. , 2022, , .		0
8	Motion-immune digital refocusing of point-scanning optical coherence tomography with Lissajous scan. , 2022, , .		0
9	Sparse frame acquisition toward fast volumetric dynamic optical coherence tomography imaging. , 2022, , .		1
10	Rapid, non-destructive, and volumetric characterization of zebrafish tumor models using Jones-matrix optical coherence tomography. , 2022, , .		0
11	Evaluation of choroidal melanin-containing tissue in healthy Japanese subjects by polarization-sensitive optical coherence tomography. Scientific Reports, 2022, 12, 4048.	3.3	5
12	Computational refocusing of Jones matrix polarization-sensitive optical coherence tomography and investigation of defocus-induced polarization artifacts. Biomedical Optics Express, 2022, 13, 2975.	2.9	10
13	Label-free metabolic imaging of non-alcoholic-fatty-liver-disease (NAFLD) liver by volumetric dynamic optical coherence tomography. Biomedical Optics Express, 2022, 13, 4071.	2.9	9
14	In vivo investigation of a tumor xenograft zebrafish model using multicontrast polarization-sensitive optical coherence tomography. , 2022, , .		0
15	Multi-focus average for multiple noise suppression in optical coherence tomography. , 2022, , .		0
16	Dynamics Imaging of Plant Maturity by Optical Coherence Tomography. , 2022, , .		0
17	Depth-resolved investigation of multiple optical properties and wrinkle morphology in eye-corner areas with multi-contrast Jones matrix optical coherence tomography. Skin Research and Technology, 2021, 27, 435-443.	1.6	6
18	Effect of A-scan rate and interscan interval on optical coherence angiography. Biomedical Optics Express, 2021, 12, 722.	2.9	7

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19	Evaluation of retinal pigment epithelium changes in serous pigment epithelial detachment in age-related macular degeneration. Scientific Reports, 2021, 11, 2764.	3.3	5
20	Multi-contrast imaging with computational refocusing in polarization-sensitive optical coherence tomography. , 2021, , .		2
21	Three-dimensional imaging of mouse liver dynamics by polarization-sensitive optical coherence tomography. , 2021, , .		1
22	Computational multi-directional optical coherence tomography for visualizing the microstructural directionality of the tissue. Biomedical Optics Express, 2021, 12, 3851.	2.9	4
23	Three-dimensional dynamics optical coherence tomography for tumor spheroid evaluation. Biomedical Optics Express, 2021, 12, 6844.	2.9	28
24	Label-free functional and structural imaging of liver microvascular complex in mice by Jones matrix optical coherence tomography. Scientific Reports, 2021, 11, 20054.	3.3	11
25	Accurately motion-corrected Lissajous OCT with multi-type image registration. Biomedical Optics Express, 2021, 12, 637.	2.9	9
26	Anterior Segment OCT: An Overview. Essentials in Ophthalmology, 2021, , 1-4.	0.1	0
27	Anterior Segment OCT: Polarization-Sensitive OCT. Essentials in Ophthalmology, 2021, , 237-249.	0.1	0
28	Multi-functional optical coherence microscopy for in-vitro and ex-vivo tissue investigation. , 2021, , .		0
29	Virtual multi-directional optical coherence tomography. , 2020, , .		2
30	Numerical jitter estimation for swept source optical coherence tomography. , 2020, , .		1
31	Bulk-phase-error correction for phase-sensitive signal processing of optical coherence tomography. Biomedical Optics Express, 2020, 11, 5886.	2.9	11
32	Optical coherence tomography-based tissue dynamics imaging for longitudinal and drug response evaluation of tumor spheroids. Biomedical Optics Express, 2020, 11, 6231.	2.9	43
33	Motion-free optical coherence tomography imaging of retinal disease using Lissajous scanning pattern. , 2020, , .		1
34	Bulk phase error correction for holographic signal processing of optical coherence tomography. , 2020, , .		0
35	Quantification of ex-vivo tissue activity by polarization dynamics imaging using Jones matrix optical coherence tomography. , 2020, , .		1
36	Optical coherence tomography interpreted by diffractive optics: A-scan image formation with wavelength-scale diffraction gratings as samples. OSA Continuum, 2020, 3, 2395.	1.8	1

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37	Retinal pigment epithelium-melanin specific contrast imaging by multi-contrast OCT. , 2020, , .		0
38	Tissue analysis using optical and mechanical tissue properties obtained by polarization-sensitive optical coherence elastography. , 2020, , .		0
39	Depth-resolved investigation of multiple optical properties and wrinkle morphology in eye-corner area by multi-functional Jones matrix optical coherence tomography. , 2020, , .		0
40	Quantification of ex vivo tissue activity by short and long time-course analysis of multifunctional OCT signals. , 2020, , .		2
41	Quantitative multi-contrast in vivo mouse imaging with polarization diversity optical coherence tomography and angiography. Biomedical Optics Express, 2020, 11, 6945.	2.9	9
42	Multi-scale and -contrast sensorless adaptive optics optical coherence tomography. Quantitative Imaging in Medicine and Surgery, 2019, 9, 757-768.	2.0	2
43	Evaluation of Retinal Pigment Epithelium Layer Change in Vogt-Koyanagi-Harada Disease With Multicontrast Optical Coherence Tomography. , 2019, 60, 3352.		15
44	Evaluation of focal damage in the retinal pigment epithelium layer in serous retinal pigment epithelium detachment. Scientific Reports, 2019, 9, 3278.	3.3	15
45	Polarization-sensitive optical coherence elastography. Biomedical Optics Express, 2019, 10, 5162.	2.9	18
46	Clinical multi-functional OCT for retinal imaging. Biomedical Optics Express, 2019, 10, 5724.	2.9	9
47	Compression optical coherence elastography with two-dimensional displacement measurement and local deformation visualization. Optics Letters, 2019, 44, 787.	3.3	20
48	Clinical prototype of pigment and flow imaging optical coherence tomography for posterior eye investigation. Biomedical Optics Express, 2018, 9, 4372.	2.9	23
49	Comparison of intensity, phase retardation, and local birefringence images for filtering blebs using polarization-sensitive optical coherence tomography. Scientific Reports, 2018, 8, 7519.	3.3	14
50	Eye-motion-corrected optical coherence tomography angiography using Lissajous scanning. Biomedical Optics Express, 2018, 9, 1111.	2.9	28
51	Machine-learning based segmentation of the optic nerve head using multi-contrast Jones matrix optical coherence tomography with semi-automatic training dataset generation. Biomedical Optics Express, 2018, 9, 3220.	2.9	10
52	Pixel-wise segmentation of severely pathologic retinal pigment epithelium and choroidal stroma using multi-contrast Jones matrix optical coherence tomography. Biomedical Optics Express, 2018, 9, 2955.	2.9	23
53	Jones Matrix Tomography - Principle, Implementation, and Application. , 2018, , .		0
54	Objective evaluation of choroidal melanin contents with polarization-sensitive optical coherence tomography. , 2018, , .		0

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55	Birefringence and vascular imaging of <i>in vivo</i> human skin by Jones-matrix optical coherence tomography. Proceedings of SPIE, 2017, , .	0.8	0
56	Motion-corrected en face optical coherence tomography angiography imaging based on the modified Lissajous scanning patter. Proceedings of SPIE, 2017, , .	0.8	0
57	Multi-contrast imaging of human posterior eye by Jones matrix optical coherence tomography. , 2017, , .		0
58	Evaluation of intraretinal migration of retinal pigment epithelial cells with Jones matrix optical coherence tomography. Proceedings of SPIE, 2017, , .	0.8	0
59	High contrast and polarization-artifact-free optical coherence tomography by maximum a-posteriori estimation. Proceedings of SPIE, 2017, , .	0.8	0
60	Evaluation of intraretinal migration of retinal pigment epithelial cells in age-related macular degeneration using polarimetric imaging. Scientific Reports, 2017, 7, 3150.	3.3	59
61	Noise stochastic corrected maximum a posteriori estimator for birefringence imaging using polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2017, 8, 653.	2.9	26
62	Three-dimensional multi-contrast imaging of <i>in vivo</i> human skin by Jones matrix optical coherence tomography. Biomedical Optics Express, 2017, 8, 1290.	2.9	73
63	Polarization sensitive optical coherence tomography – a review [Invited]. Biomedical Optics Express, 2017, 8, 1838.	2.9	299
64	Detection of local tissue alteration during retinal laser photocoagulation of <i>ex vivo</i> porcine eyes using phase-resolved optical coherence tomography. Biomedical Optics Express, 2017, 8, 3067.	2.9	6
65	Generation and optimization of superpixels as image processing kernels for Jones matrix optical coherence tomography. Biomedical Optics Express, 2017, 8, 4396.	2.9	5
66	Three-dimensional eye motion correction by Lissajous scan optical coherence tomography. Biomedical Optics Express, 2017, 8, 1783.	2.9	39
67	Noise-bias and polarization-artifact corrected optical coherence tomography by maximum a-posteriori intensity estimation. Biomedical Optics Express, 2017, 8, 2069.	2.9	11
68	Introduction to the feature issue on the 25 year anniversary of optical coherence tomography. Biomedical Optics Express, 2017, 8, 3289.	2.9	5
69	Polarization-Sensitive Optical Coherence Tomographic Documentation of Choroidal Melanin Loss in Chronic Vogt-Koyanagi-Harada Disease. , 2017, 58, 4467.		23
70	Investigation of multiple optical and biometric properties of optic nerve head (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 142 Td		0
71	Objective Evaluation of Functionality of Filtering Bleb Based on Polarization-Sensitive Optical Coherence Tomography. , 2016, 57, 2305.		23
72	Quantitative Evaluation of Phase Retardation in Filtering Blebs Using Polarization-Sensitive Optical Coherence Tomography. , 2016, 57, 5919.		12

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73	Full-range ultrahigh-resolution spectral-domain optical coherence tomography in 1.7 $\mu\text{m}$ wavelength region for deep-penetration and high-resolution imaging of turbid tissues. Applied Physics Express, 2016, 9, 127002.	2.4	11
74	Maximum a posteriori estimator for high-contrast image composition of optical coherence tomography. Optics Letters, 2016, 41, 321.	3.3	15
75	Re: Spaide et al.: Volume-rendering optical coherence tomography angiography of macular telangiectasia type 2 (Ophthalmology 2015;122:2261-9). Ophthalmology, 2016, 123, e24.	5.2	5
76	Noise-immune complex correlation for optical coherence angiography based on standard and Jones matrix optical coherence tomography. Biomedical Optics Express, 2016, 7, 1525.	2.9	63
77	Accurate and quantitative polarization-sensitive OCT by unbiased birefringence estimator with noise-stochastic correction. , 2016, , .		3
78	Noise-immune complex correlation for vasculature imaging based on standard and Jones-matrix optical coherence tomography. Proceedings of SPIE, 2016, , .	0.8	0
79	Quantitative optical coherence tomography by maximum a-posteriori estimation of signal intensity. Proceedings of SPIE, 2016, , .	0.8	0
80	Three-dimensional multifunctional optical coherence tomography for skin imaging. , 2016, , .		0
81	Eye motion corrected OCT imaging with Lissajous scan pattern. , 2016, , .		1
82	Quantitative polarization and flow evaluation of choroid and sclera by multifunctional Jones matrix optical coherence tomography. Proceedings of SPIE, 2016, , .	0.8	1
83	Investigation of Thermal Effects of Photocoagulation on Retinal Tissue Using Fine-Motion-Sensitive Dynamic Optical Coherence Tomography. PLoS ONE, 2016, 11, e0156761.	2.5	12
84	Ultrahigh-resolution spectral domain optical coherence tomography in 1.7 $\mu\text{m}$ wavelength region. , 2016, , .		0
85	Birefringence imaging of posterior eye by multi-functional Jones matrix optical coherence tomography. Biomedical Optics Express, 2015, 6, 4951.	2.9	56
86	Repeatability of Corneal Phase Retardation Measurements by Polarization-Sensitive Optical Coherence Tomography. , 2015, 56, 3196.		19
87	Noninvasive Vascular Imaging of Polypoidal Choroidal Vasculopathy by Doppler Optical Coherence Tomography. , 2015, 56, 3179.		16
88	Three-dimensional Vascular Imaging of Proliferative Diabetic Retinopathy by Doppler Optical Coherence Tomography. American Journal of Ophthalmology, 2015, 159, 528-538.e3.	3.3	36
89	Two-dimensional micro-displacement measurement for laser coagulation using optical coherence tomography. Biomedical Optics Express, 2015, 6, 170.	2.9	36
90	Optically buffered Jones-matrix-based multifunctional optical coherence tomography with polarization mode dispersion correction. Biomedical Optics Express, 2015, 6, 225.	2.9	18

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91	In vivo photothermal optical coherence tomography for non-invasive imaging of endogenous absorption agents. Biomedical Optics Express, 2015, 6, 1707.	2.9	16
92	In-plane and out-of-plane tissue micro-displacement measurement by correlation coefficients of optical coherence tomography. Optics Letters, 2015, 40, 2153.	3.3	29
93	Noninvasive vascular imaging of ruptured retinal arterial macroaneurysms by Doppler optical coherence tomography. BMC Ophthalmology, 2015, 15, 79.	1.4	8
94	Jones Matrix Based Polarization Sensitive Optical Coherence Tomography. , 2015, , 1137-1162.		10
95	Dual Beam Doppler Optical Coherence Angiography. , 2015, , 1353-1371.		0
96	Quantitative Imaging of Tissue Polarization Property by Jones Matrix Optical Coherence Tomography. , 2015, , .		0
97	Simultaneous Investigation of Vascular and Retinal Pigment Epithelial Pathologies of Exudative Macular Diseases by Multifunctional Optical Coherence Tomography. , 2014, 55, 5016.		42
98	Three-dimensional volumetric human meibomian gland investigation using polarization-sensitive optical coherence tomography. Journal of Biomedical Optics, 2014, 19, 030503.	2.6	13
99	Toward absorption contrast imaging of biological tissues in vivo by using photothermal optical coherence tomography. Proceedings of SPIE, 2014, , .	0.8	0
100	Quantitative two-dimensional micro-displacement measurement by optical coherence tomography. , 2014, , .		0
101	Noise statistics of phase-resolved optical coherence tomography imaging: single-and dual-beam-scan Doppler optical coherence tomography. Optics Express, 2014, 22, 4830.	3.4	30
102	Bayesian maximum likelihood estimator of phase retardation for quantitative polarization-sensitive optical coherence tomography. Optics Express, 2014, 22, 16472.	3.4	38
103	Degree of polarization uniformity with high noise immunity using polarization-sensitive optical coherence tomography. Optics Letters, 2014, 39, 6783.	3.3	91
104	Scleral birefringence as measured by polarization-sensitive optical coherence tomography and ocular biometric parameters of human eyes in vivo. Biomedical Optics Express, 2014, 5, 1391.	2.9	33
105	Five-dimensional analysis of multi-contrast Jones matrix tomography of posterior eye. Proceedings of SPIE, 2014, , .	0.8	2
106	Noninvasive Evaluation of Phase Retardation in Blebs After Glaucoma Surgery Using Anterior Segment Polarization-Sensitive Optical Coherence Tomography. , 2014, 55, 5200.		37
107	In vivo three-dimensional investigation of tissue birefringence by Jones matrix tomography. , 2013, , .		3
108	Thickness mapping of the inner retina by spectral-domain optical coherence tomography in an N-methyl-d-aspartate-induced retinal damage model. Experimental Eye Research, 2013, 113, 19-25.	2.6	9

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109	Single-step method for fiber-optic probe-based full-range spectral domain optical coherence tomography. <i>Applied Optics</i> , 2013, 52, 5143.	1.8	0
110	Automated segmentation and characterization of choroidal vessels in high-penetration optical coherence tomography. <i>Optics Express</i> , 2013, 21, 15787.	3.4	28
111	Advanced multi-contrast Jones matrix optical coherence tomography for Doppler and polarization sensitive imaging. <i>Optics Express</i> , 2013, 21, 19412.	3.4	108
112	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.	3.9	33
113	CHOROIDAL THICKNESS IN CENTRAL SEROUS CHORIORETINOPATHY. <i>Retina</i> , 2013, 33, 302-308.	1.7	134
114	Relationship between Changes in Crystalline Lens Shape and Axial Elongation in Young Children. , 2013, 54, 771.		19
115	Keratoconus Diagnosis Using Anterior Segment Polarization-Sensitive Optical Coherence Tomography. , 2013, 54, 1384.		49
116	Noninvasive Investigation of Deep Vascular Pathologies of Exudative Macular Diseases by High-Penetration Optical Coherence Angiography. , 2013, 54, 3621.		36
117	Changes in axial length and choroidal thickness after intraocular pressure reduction resulting from trabeculectomy. <i>Clinical Ophthalmology</i> , 2013, 7, 1155.	1.8	47
118	Anisotropic Alteration of Scleral Birefringence to Uniaxial Mechanical Strain. <i>PLoS ONE</i> , 2013, 8, e58716.	2.5	14
119	Three-Dimensional Jones Matrix and Doppler Imaging of In Vivo Human Eye by Optical Coherence Tomography. , 2013, , .		0
120	Three-Dimensional Polarization and Doppler Imaging of Living tissue by Multi-Contrast Optical Coherence Tomography. , 2013, , .		0
121	Passive component based multifunctional Jones matrix swept source optical coherence tomography for Doppler and polarization imaging. <i>Optics Letters</i> , 2012, 37, 1958.	3.3	88
122	Extended depth of focus adaptive optics spectral domain optical coherence tomography. <i>Biomedical Optics Express</i> , 2012, 3, 2353.	2.9	40
123	Dual-beam-scan Doppler optical coherence angiography for birefringence-artifact-free vasculature imaging. <i>Optics Express</i> , 2012, 20, 2681.	3.4	17
124	High-penetration swept source Doppler optical coherence angiography by fully numerical phase stabilization. <i>Optics Express</i> , 2012, 20, 2740.	3.4	66
125	Automated phase retardation oriented segmentation of chorio-scleral interface by polarization sensitive optical coherence tomography. <i>Optics Express</i> , 2012, 20, 3353.	3.4	34
126	Full range spectral domain optical coherence tomography using a fiber-optic probe as a self-phase shifter. <i>Optics Letters</i> , 2012, 37, 3105.	3.3	10



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127	Variable velocity range imaging of the choroid with dual-beam optical coherence angiography. Optics Express, 2012, 20, 385.	3.4	42
128	Choroidal imaging by one-micrometer dual-beam Doppler optical coherence angiography with adjustable velocity range. Proceedings of SPIE, 2012, , .	0.8	0
129	Office based multi-functional anterior eye segment optical coherence tomography. , 2012, , .		0
130	Automated detection of chorio-scleral interface using polarization-sensitive optical coherence tomography. , 2012, , .		0
131	Three-dimensional retinal and choroidal capillary imaging by power Doppler optical coherence angiography with adaptive optics. Optics Express, 2012, 20, 22796.	3.4	77
132	Evaluation of the Choroidal Thickness Using High-Penetration Optical Coherence Tomography With Long Wavelength in Highly Myopic Normal-Tension Glaucoma. American Journal of Ophthalmology, 2012, 153, 10-16.e1.	3.3	97
133	Optical Rheology of Porcine Sclera by Birefringence Imaging. PLoS ONE, 2012, 7, e44026.	2.5	27
134	An Approach to Measure Blood Flow in Single Choroidal Vessel Using Doppler Optical Coherence Tomography. , 2012, 53, 7137.		12
135	Choroidal observations in Vogtâ€™Koyanagiâ€™Harada disease using high-penetration optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1089-1095.	1.9	127
136	Passive Component Based Multi-Functional Jones Matrix Optical Coherence Tomography for Doppler and Polarization Sensitive Imaging of Retina. , 2012, , .		0
137	Extended depth of focus adaptive optics spectral domain optical coherence tomography. , 2012, , .		0
138	High-Penetration Optical Coherence Tomography With Enhanced Depth Imaging of Polypoidal Choroidal Vasculopathy. Ophthalmic Surgery Lasers and Imaging Retina, 2012, 43, e5-9.	0.7	6
139	Wound Architecture of Clear Corneal Incision With or Without Stromal Hydration Observed With 3-Dimensional Optical Coherence Tomography. American Journal of Ophthalmology, 2011, 151, 413-419.e1.	3.3	55
140	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
141	Enhanced imaging of choroidal vasculature by high-penetration and dual-velocity optical coherence angiography. Biomedical Optics Express, 2011, 2, 1147.	2.9	26
142	Birefringence measurement of cornea and anterior segment by office-based polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2011, 2, 2392.	2.9	76
143	In vivo evaluation of human skin anisotropy by polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2011, 2, 2623.	2.9	56
144	Comprehensive in vivo micro-vascular imaging of the human eye by dual-beam-scan Doppler optical coherence angiography. Optics Express, 2011, 19, 1271.	3.4	138

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145	Multimodal analysis of pearls and pearl treatments by using optical coherence tomography and fluorescence spectroscopy. Optics Express, 2011, 19, 6420.	3.4	24
146	Monte-Carlo-based phase retardation estimator for polarization sensitive optical coherence tomography. Optics Express, 2011, 19, 16330.	3.4	31
147	Repeatability and reproducibility of anterior chamber volume measurements using 3-dimensional corneal and anterior segment optical coherence tomography. Journal of Cataract and Refractive Surgery, 2011, 37, 461-468.	1.5	27
148	In vivo analysis of human skin anisotropy by polarization-sensitive optical coherence tomography. Proceedings of SPIE, 2011, , .	0.8	0
149	Fast retinal layer identification for optical coherence tomography images. Proceedings of SPIE, 2011, , .	0.8	1
150	Choroidal thickness measurement in healthy Japanese subjects by three-dimensional high-penetration optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1485-1492.	1.9	125
151	Wide field of view retinal imaging using one-micrometer adaptive optics scanning laser ophthalmoscope. Proceedings of SPIE, 2011, , .	0.8	0
152	Non-invasive three-dimensional angiography of human eye by Doppler optical coherence tomography. , 2011, , .		0
153	Three-Dimensional Visualization of Ocular Vascular Pathology by Optical Coherence Angiography In Vivo. , 2011, 52, 2689.		57
154	Reproducibility of Retinal and Choroidal Thickness Measurements in Enhanced Depth Imaging and High-Penetration Optical Coherence Tomography. , 2011, 52, 5536.		221
155	In Vivo and Three-Dimensional Imaging of Vasculature in the Eye by Optical Coherence Tomography. , 2011, , .		0
156	Birefringence measurement of cornea and anterior segment by office-based polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2011, 2, 2392-402.	2.9	22
157	Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. , 2010, , .		2
158	Polarization sensitive corneal and anterior segment swept-source optical coherence tomography. , 2010, , .		2
159	Adaptive optics spectral domain optical coherence tomography with one-micrometer light source. , 2010, , .		0
160	New contrast of optical coherence tomography in ophthalmology. , 2010, , .		0
161	BM-mode scanning with parabolic phase modulation for full range Doppler optical tomography. Proceedings of SPIE, 2010, , .	0.8	0
162	Full range polarization-sensitive swept-source optical coherence tomography at 1 ¼m with polarization modulation and BM-mode scant. Proceedings of SPIE, 2010, , .	0.8	0

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163	Visibility of trabecular meshwork by standard and polarization-sensitive optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2010, 15, 061705.	2.6	46
164	High-sensitive blood flow imaging of the retina and choroid by using double-beam optical coherence angiography. , 2010, , .		4
165	Choroidal Thickness in Healthy Japanese Subjects. , 2010, 51, 2173.		557
166	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.	3.4	32
167	Full-range polarization-sensitive swept-source optical coherence tomography by simultaneous transversal and spectral modulation. <i>Optics Express</i> , 2010, 18, 13964.	3.4	58
168	Wettability characterization method based on optical coherence tomography imaging. <i>Optics Express</i> , 2010, 18, 22859.	3.4	13
169	Generalized Jones matrix optical coherence tomography: performance and local birefringence imaging. <i>Optics Express</i> , 2010, 18, 854.	3.4	143
170	Parabolic BM-scan technique for full range Doppler spectral domain optical coherence tomography. <i>Optics Express</i> , 2010, 18, 1358.	3.4	22
171	Adaptive optics retinal scanner for one-micrometer light source. <i>Optics Express</i> , 2010, 18, 1406.	3.4	12
172	Repeatability and reproducibility of anterior ocular biometric measurements with 2-dimensional and 3-dimensional optical coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 1867-1873.	1.5	46
173	High-speed and high-sensitive optical coherence angiography. , 2009, , .		7
174	Automated retinal shadow compensation of optical coherence tomography images. <i>Journal of Biomedical Optics</i> , 2009, 14, 010503.	2.6	18
175	Discrimination of conjunctiva and sclera using texture analysis of polarization sensitive optical coherence tomography images. <i>Proceedings of SPIE</i> , 2009, , .	0.8	1
176	Visualization of Sub-retinal Pigment Epithelium Morphologies of Exudative Macular Diseases by High-Penetration Optical Coherence Tomography. , 2009, 50, 405.		97
177	Relationship between dermal birefringence and the skin surface roughness of photoaged human skin. <i>Journal of Biomedical Optics</i> , 2009, 14, 044032.	2.6	34
178	Investigation of multifocal choroiditis with panuveitis by three-dimensional high-penetration optical coherence tomography. <i>Journal of Biophotonics</i> , 2009, 2, 435-441.	2.3	38
179	Evaluation of Trabeculectomy Blebs Using 3-Dimensional Cornea and Anterior Segment Optical Coherence Tomography. <i>Ophthalmology</i> , 2009, 116, 848-855.	5.2	99
180	Anterior Ocular Biometry Using 3-Dimensional Optical Coherence Tomography. <i>Ophthalmology</i> , 2009, 116, 882-889.	5.2	83

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181	Investigation of post-glaucoma-surgery structures by three-dimensional and polarization sensitive anterior eye segment optical coherence tomography. Optics Express, 2009, 17, 3980.	3.4	62
182	Visualization of phase retardation of deep posterior eye by polarization-sensitive swept-source optical coherence tomography with 1- $\mu\text{m}$ probe. Optics Express, 2009, 17, 12385.	3.4	81
183	Automated segmentation of the macula by optical coherence tomography. Optics Express, 2009, 17, 15659.	3.4	100
184	Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. Optics Express, 2009, 17, 17426.	3.4	46
185	Three-Dimensional Optical Coherence Tomography-Guided Phototherapeutic Keratectomy for Granular Corneal Dystrophy. Cornea, 2009, 28, 944-947.	1.7	25
186	Investigation of anterior chamber angle by swept-source polarization sensitive optical coherence tomography. , 2009, , .		0
187	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
188	Polarization-sensitive swept-source optical coherence tomography at 1 $\mu\text{m}$ for birefringence imaging of the posterior segment of the eye. , 2009, , .		0
189	Automated retinal pigment epithelium identification from optical coherence tomography images. Proceedings of SPIE, 2009, , .	0.8	0
190	Simultaneous birefringence and Doppler flow imaging of the anterior eye segment using multi-functional swept-source optical coherence tomography. , 2009, , .		0
191	Blood flow imaging at deep posterior human eye using 1 $\mu\text{m}$ spectral-domain optical coherence tomography. , 2009, , .		4
192	1 $\mu\text{m}$ wavelength adaptive optics scanning laser ophthalmoscope. Proceedings of SPIE, 2009, , .	0.8	0
193	Comparison of Spectral Domain Optical Coherence Tomography and Color Photographic Imaging of the Optic Nerve Head in Management of Glaucoma. Ophthalmic Surgery Lasers and Imaging Retina, 2009, 40, 255-263.	0.7	11
194	Polarization-Sensitive Optical Coherence Tomography of Necrotizing Scleritis. Ophthalmic Surgery Lasers and Imaging Retina, 2009, 40, 607-610.	0.7	4
195	Tissue Contrast Imaging by Polarization Sensitive Optical Coherence Tomography. , 2009, , .		0
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