

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	Optical coherence angiography. Optics Express, 2006, 14, 7821.	3.4	660
2	Choroidal Thickness in Healthy Japanese Subjects. , 2010, 51, 2173.		557
3	Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments. Optics Express, 2005, 13, 10652.	3.4	394
4	In vivo high-contrast imaging of deep posterior eye by 1- $\lambda/4$ m swept source optical coherence tomography and scattering optical coherence angiography. Optics Express, 2007, 15, 6121.	3.4	360
5	Polarization sensitive optical coherence tomography " a review [Invited]. Biomedical Optics Express, 2017, 8, 1838.	2.9	299
6	Reproducibility of Retinal and Choroidal Thickness Measurements in Enhanced Depth Imaging and High-Penetration Optical Coherence Tomography. , 2011, 52, 5536.		221
7	Polarization-sensitive swept-source optical coherence tomography with continuous source polarization modulation. Optics Express, 2008, 16, 5892.	3.4	178
8	Three-dimensional Imaging of Macular Holes with High-speed Optical Coherence Tomography. Ophthalmology, 2007, 114, 763-773.	5.2	168
9	Generalized Jones matrix optical coherence tomography: performance and local birefringence imaging. Optics Express, 2010, 18, 854.	3.4	143
10	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
11	Full-range, high-speed, high-resolution 1- μ m spectral-domain optical coherence tomography using BM-scan for volumetric imaging of the human posterior eye. Optics Express, 2008, 16, 8406.	3.4	136
12	CHOROIDAL THICKNESS IN CENTRAL SEROUS CHORIORETINOPATHY. Retina, 2013, 33, 302-308.	1.7	134
13	Three-dimensional Imaging of the Foveal Photoreceptor Layer in Central Serous Chorioretinopathy Using High-speed Optical Coherence Tomography. Ophthalmology, 2007, 114, 2197-2207.e1.	5.2	133
14	Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method. Optics Express, 2006, 14, 6502.	3.4	131
15	Choroidal observations in Vogt"Koyanagi"Harada disease using high-penetration optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1089-1095.	1.9	127
16	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
17	Simultaneous B-M-mode scanning method for real-time full-range Fourier domain optical coherence tomography. Applied Optics, 2006, 45, 1861.	2.1	116
18	Quantitative retinal-blood flow measurement with three-dimensional vessel geometry determination using ultrahigh-resolution Doppler optical coherence angiography. Optics Letters, 2008, 33, 836.	3.3	116

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19	Advanced multi-contrast Jones matrix optical coherence tomography for Doppler and polarization sensitive imaging. Optics Express, 2013, 21, 19412.	3.4	108
20	Imaging Polarimetry in Age-Related Macular Degeneration. , 2008, 49, 2661.		104
21	Automated segmentation of the macula by optical coherence tomography. Optics Express, 2009, 17, 15659.	3.4	100
22	Evaluation of Trabeculectomy Blebs Using 3-Dimensional Cornea and Anterior Segment Optical Coherence Tomography. Ophthalmology, 2009, 116, 848-855.	5.2	99
23	Visualization of Sub-retinal Pigment Epithelium Morphologies of Exudative Macular Diseases by High-Penetration Optical Coherence Tomography. , 2009, 50, 405.		97
24	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
25	Non-iterative numerical method for laterally superresolving Fourier domain optical coherence tomography. Optics Express, 2006, 14, 1006.	3.4	96
26	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.	2.6	96
27	Degree of polarization uniformity with high noise immunity using polarization-sensitive optical coherence tomography. Optics Letters, 2014, 39, 6783.	3.3	91
28	Automatic characterization and segmentation of human skin using three-dimensional optical coherence tomography. Optics Express, 2006, 14, 1862.	3.4	89
29	Passive component based multifunctional Jones matrix swept source optical coherence tomography for Doppler and polarization imaging. Optics Letters, 2012, 37, 1958.	3.3	88
30	High-speed three-dimensional human retinal imaging by line-field spectral domain optical coherence tomography. Optics Express, 2007, 15, 7103.	3.4	86
31	Anterior Ocular Biometry Using 3-Dimensional Optical Coherence Tomography. Ophthalmology, 2009, 116, 882-889.	5.2	83
32	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.	3.4	81
33	Three-dimensional retinal and choroidal capillary imaging by power Doppler optical coherence angiography with adaptive optics. Optics Express, 2012, 20, 22796.	3.4	77
34	Birefringence measurement of cornea and anterior segment by office-based polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2011, 2, 2392.	2.9	76
35	Polarization-sensitive complex Fourier domain optical coherence tomography for Jones matrix imaging of biological samples. Applied Physics Letters, 2004, 85, 3023-3025.	3.3	74
36	Profilometry with line-field Fourier-domain interferometry. Optics Express, 2005, 13, 695.	3.4	74

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37	Three-dimensional multi-contrast imaging of in vivo human skin by Jones matrix optical coherence tomography. Biomedical Optics Express, 2017, 8, 1290.	2.9	73
38	High-penetration swept source Doppler optical coherence angiography by fully numerical phase stabilization. Optics Express, 2012, 20, 2740.	3.4	66
39	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
40	Three-dimensional Anterior Segment Optical Coherence Tomography of Filtering Blebs After Trabeculectomy. Journal of Glaucoma, 2008, 17, 193-196.	1.6	62
41	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
42	Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography. Optics Express, 2007, 15, 7538.	3.4	61
43	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
44	Full-range polarization-sensitive swept-source optical coherence tomography by simultaneous transversal and spectral modulation. Optics Express, 2010, 18, 13964.	3.4	58
45	One-shot-phase-shifting Fourier domain optical coherence tomography by reference wavefront tilting. Optics Express, 2004, 12, 6184.	3.4	57
46	Three-Dimensional Visualization of Ocular Vascular Pathology by Optical Coherence Angiography In Vivo. , 2011, 52, 2689.		57
47	In vivo Three-Dimensional Birefringence Analysis Shows Collagen Differences between Young and Old Photo-Aged Human Skin. Journal of Investigative Dermatology, 2008, 128, 1641-1647.	0.7	56
48	In vivo evaluation of human skin anisotropy by polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2011, 2, 2623.	2.9	56
49	Birefringence imaging of posterior eye by multi-functional Jones matrix optical coherence tomography. Biomedical Optics Express, 2015, 6, 4951.	2.9	56
50	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
51	Keratoconus Diagnosis Using Anterior Segment Polarization-Sensitive Optical Coherence Tomography. , 2013, 54, 1384.		49
52	Changes in axial length and choroidal thickness after intraocular pressure reduction resulting from trabeculectomy. Clinical Ophthalmology, 2013, 7, 1155.	1.8	47
53	Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. Optics Express, 2009, 17, 17426.	3.4	46
54	Visibility of trabecular meshwork by standard and polarization-sensitive optical coherence tomography. Journal of Biomedical Optics, 2010, 15, 061705.	2.6	46

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55	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
56	Optical coherence tomography-based tissue dynamics imaging for longitudinal and drug response evaluation of tumor spheroids. <i>Biomedical Optics Express</i> , 2020, 11, 6231.	2.9	43
57	Variable velocity range imaging of the choroid with dual-beam optical coherence angiography. <i>Optics Express</i> , 2012, 20, 385.	3.4	42
58	Simultaneous Investigation of Vascular and Retinal Pigment Epithelial Pathologies of Exudative Macular Diseases by Multifunctional Optical Coherence Tomography. , 2014, 55, 5016.		42
59	Three-Dimensional Optical Coherence Tomography of Granular Corneal Dystrophy. <i>Cornea</i> , 2007, 26, 373-374.	1.7	41
60	Extended depth of focus adaptive optics spectral domain optical coherence tomography. <i>Biomedical Optics Express</i> , 2012, 3, 2353.	2.9	40
61	Three-dimensional eye motion correction by Lissajous scan optical coherence tomography. <i>Biomedical Optics Express</i> , 2017, 8, 1783.	2.9	39
62	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
63	Bayesian maximum likelihood estimator of phase retardation for quantitative polarization-sensitive optical coherence tomography. <i>Optics Express</i> , 2014, 22, 16472.	3.4	38
64	Noninvasive Evaluation of Phase Retardation in Blebs After Glaucoma Surgery Using Anterior Segment Polarization-Sensitive Optical Coherence Tomography. , 2014, 55, 5200.		37
65	Noninvasive Investigation of Deep Vascular Pathologies of Exudative Macular Diseases by High-Penetration Optical Coherence Angiography. , 2013, 54, 3621.		36
66	Three-dimensional Vascular Imaging of Proliferative Diabetic Retinopathy by Doppler Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2015, 159, 528-538.e3.	3.3	36
67	Two-dimensional micro-displacement measurement for laser coagulation using optical coherence tomography. <i>Biomedical Optics Express</i> , 2015, 6, 170.	2.9	36
68	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
69	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
70	Three-dimensional line-field Fourier domain optical coherence tomography for in vivo dermatological investigation. <i>Journal of Biomedical Optics</i> , 2006, 11, 014014.	2.6	33
71	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
72	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.	2.9	33

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73	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
74	Monte-Carlo-based phase retardation estimator for polarization sensitive optical coherence tomography. <i>Optics Express</i> , 2011, 19, 16330.	3.4	31
75	Polarization contrast imaging of biological tissues by polarization-sensitive Fourier-domain optical coherence tomography. <i>Applied Optics</i> , 2006, 45, 1142.	2.1	30
76	Noise statistics of phase-resolved optical coherence tomography imaging: single-and dual-beam-scan Doppler optical coherence tomography. <i>Optics Express</i> , 2014, 22, 4830.	3.4	30
77	In-plane and out-of-plane tissue micro-displacement measurement by correlation coefficients of optical coherence tomography. <i>Optics Letters</i> , 2015, 40, 2153.	3.3	29
78	Automated segmentation and characterization of choroidal vessels in high-penetration optical coherence tomography. <i>Optics Express</i> , 2013, 21, 15787.	3.4	28
79	Eye-motion-corrected optical coherence tomography angiography using Lissajous scanning. <i>Biomedical Optics Express</i> , 2018, 9, 1111.	2.9	28
80	Three-dimensional dynamics optical coherence tomography for tumor spheroid evaluation. <i>Biomedical Optics Express</i> , 2021, 12, 6844.	2.9	28
81	Repeatability and reproducibility of anterior chamber volume measurements using 3-dimensional corneal and anterior segment optical coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 461-468.	1.5	27
82	Optical Rheology of Porcine Sclera by Birefringence Imaging. <i>PLoS ONE</i> , 2012, 7, e44026.	2.5	27
83	Enhanced imaging of choroidal vasculature by high-penetration and dual-velocity optical coherence angiography. <i>Biomedical Optics Express</i> , 2011, 2, 1147.	2.9	26
84	Noise stochastic corrected maximum a posteriori estimator for birefringence imaging using polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2017, 8, 653.	2.9	26
85	Three-Dimensional Optical Coherence Tomography-Guided Phototherapeutic Keratectomy for Granular Corneal Dystrophy. <i>Cornea</i> , 2009, 28, 944-947.	1.7	25
86	Multimodal analysis of pearls and pearl treatments by using optical coherence tomography and fluorescence spectroscopy. <i>Optics Express</i> , 2011, 19, 6420.	3.4	24
87	Objective Evaluation of Functionality of Filtering Bleb Based on Polarization-Sensitive Optical Coherence Tomography. , 2016, 57, 2305.		23
88	Polarization-Sensitive Optical Coherence Tomographic Documentation of Choroidal Melanin Loss in Chronic Vogt-Koyanagi-Harada Disease. , 2017, 58, 4467.		23
89	Clinical prototype of pigment and flow imaging optical coherence tomography for posterior eye investigation. <i>Biomedical Optics Express</i> , 2018, 9, 4372.	2.9	23
90	Pixel-wise segmentation of severely pathologic retinal pigment epithelium and choroidal stroma using multi-contrast Jones matrix optical coherence tomography. <i>Biomedical Optics Express</i> , 2018, 9, 2955.	2.9	23

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91	Wavefront-flatness evaluation by wavefront-correlation-information-entropy method and its application for adaptive confocal microscope. Optics Communications, 2004, 232, 91-97.	2.1	22
92	Parabolic BM-scan technique for full range Doppler spectral domain optical coherence tomography. Optics Express, 2010, 18, 1358.	3.4	22
93	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
94	Optical coherence tomography by spectral interferometric joint transform correlator. Optics Communications, 2000, 186, 51-56.	2.1	21
95	Compression optical coherence elastography with two-dimensional displacement measurement and local deformation visualization. Optics Letters, 2019, 44, 787.	3.3	20
96	Relationship between Changes in Crystalline Lens Shape and Axial Elongation in Young Children. , 2013, 54, 771.		19
97	Repeatability of Corneal Phase Retardation Measurements by Polarization-Sensitive Optical Coherence Tomography. , 2015, 56, 3196.		19
98	Automated retinal shadow compensation of optical coherence tomography images. Journal of Biomedical Optics, 2009, 14, 010503.	2.6	18
99	Optically buffered Jones-matrix-based multifunctional optical coherence tomography with polarization mode dispersion correction. Biomedical Optics Express, 2015, 6, 225.	2.9	18
100	Polarization-sensitive optical coherence elastography. Biomedical Optics Express, 2019, 10, 5162.	2.9	18
101	Dual-beam-scan Doppler optical coherence angiography for birefringence-artifact-free vasculature imaging. Optics Express, 2012, 20, 2681.	3.4	17
102	Noninvasive Vascular Imaging of Polypoidal Choroidal Vasculopathy by Doppler Optical Coherence Tomography. , 2015, 56, 3179.		16
103	In vivo photothermal optical coherence tomography for non-invasive imaging of endogenous absorption agents. Biomedical Optics Express, 2015, 6, 1707.	2.9	16
104	Maximum a posteriori estimator for high-contrast image composition of optical coherence tomography. Optics Letters, 2016, 41, 321.	3.3	15
105	Evaluation of Retinal Pigment Epithelium Layer Change in Vogt-Koyanagi-Harada Disease With Multicontrast Optical Coherence Tomography. , 2019, 60, 3352.		15
106	Evaluation of focal damage in the retinal pigment epithelium layer in serous retinal pigment epithelium detachment. Scientific Reports, 2019, 9, 3278.	3.3	15
107	Jones Matrix Imaging of Biological Samples Using Parallel-Detecting Polarization-Sensitive Fourier Domain Optical Coherence Tomography. Optical Review, 2005, 12, 146-148.	2.0	14
108	High-speed, swept-source optical coherence tomography: a 3-dimensional view of anterior chamber angle recession. Acta Ophthalmologica, 2006, 85, 684-685.	0.3	14

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109	Comparison of intensity, phase retardation, and local birefringence images for filtering blebs using polarization-sensitive optical coherence tomography. <i>Scientific Reports</i> , 2018, 8, 7519.	3.3	14
110	Anisotropic Alteration of Scleral Birefringence to Uniaxial Mechanical Strain. <i>PLoS ONE</i> , 2013, 8, e58716.	2.5	14
111	Non-mechanically-axial-scanning confocal microscope using adaptive mirror switching. <i>Optics Express</i> , 2003, 11, 54.	3.4	13
112	Wettability characterization method based on optical coherence tomography imaging. <i>Optics Express</i> , 2010, 18, 22859.	3.4	13
113	Three-dimensional volumetric human meibomian gland investigation using polarization-sensitive optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2014, 19, 030503.	2.6	13
114	Adaptive optics retinal scanner for one-micrometer light source. <i>Optics Express</i> , 2010, 18, 1406.	3.4	12
115	An Approach to Measure Blood Flow in Single Choroidal Vessel Using Doppler Optical Coherence Tomography. , 2012, 53, 7137.		12
116	Quantitative Evaluation of Phase Retardation in Filtering Blebs Using Polarization-Sensitive Optical Coherence Tomography. , 2016, 57, 5919.		12
117	Investigation of Thermal Effects of Photocoagulation on Retinal Tissue Using Fine-Motion-Sensitive Dynamic Optical Coherence Tomography. <i>PLoS ONE</i> , 2016, 11, e0156761.	2.5	12
118	Full-range ultrahigh-resolution spectral-domain optical coherence tomography in 1.7 Åµm wavelength region for deep-penetration and high-resolution imaging of turbid tissues. <i>Applied Physics Express</i> , 2016, 9, 127002.	2.4	11
119	Noise-bias and polarization-artifact corrected optical coherence tomography by maximum a-posteriori intensity estimation. <i>Biomedical Optics Express</i> , 2017, 8, 2069.	2.9	11
120	Bulk-phase-error correction for phase-sensitive signal processing of optical coherence tomography. <i>Biomedical Optics Express</i> , 2020, 11, 5886.	2.9	11
121	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.	0.7	11
122	Label-free functional and structural imaging of liver microvascular complex in mice by Jones matrix optical coherence tomography. <i>Scientific Reports</i> , 2021, 11, 20054.	3.3	11
123	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
124	Machine-learning based segmentation of the optic nerve head using multi-contrast Jones matrix optical coherence tomography with semi-automatic training dataset generation. <i>Biomedical Optics Express</i> , 2018, 9, 3220.	2.9	10
125	Jones Matrix Based Polarization Sensitive Optical Coherence Tomography. , 2015, , 1137-1162.		10
126	Non-destructive characterization of adult zebrafish models using Jones matrix optical coherence tomography. <i>Biomedical Optics Express</i> , 2022, 13, 2202.	2.9	10

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127	Computational refocusing of Jones matrix polarization-sensitive optical coherence tomography and investigation of defocus-induced polarization artifacts. <i>Biomedical Optics Express</i> , 2022, 13, 2975.	2.9	10
128	Complex Numerical Processing for In-Focus Line-Field Spectral-Domain Optical Coherence Tomography. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 1774-1778.	1.5	9
129	Thickness mapping of the inner retina by spectral-domain optical coherence tomography in an N-methyl-d-aspartate-induced retinal damage model. <i>Experimental Eye Research</i> , 2013, 113, 19-25.	2.6	9
130	Clinical multi-functional OCT for retinal imaging. <i>Biomedical Optics Express</i> , 2019, 10, 5724.	2.9	9
131	Accurately motion-corrected Lissajous OCT with multi-type image registration. <i>Biomedical Optics Express</i> , 2021, 12, 637.	2.9	9
132	Quantitative multi-contrast in vivo mouse imaging with polarization diversity optical coherence tomography and angiography. <i>Biomedical Optics Express</i> , 2020, 11, 6945.	2.9	9
133	Multicontrast investigation of in vivo wildtype zebrafish in three development stages using polarization-sensitive optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2022, 27, .	2.6	9
134	Label-free metabolic imaging of non-alcoholic-fatty-liver-disease (NAFLD) liver by volumetric dynamic optical coherence tomography. <i>Biomedical Optics Express</i> , 2022, 13, 4071.	2.9	9
135	Polarization Sensitive Spectral Interferometric Optical Coherence Tomography for Biological Samples. <i>Optical Review</i> , 2003, 10, 498-500.	2.0	8
136	In-focus Fourier-domain Optical Coherence Tomography by Complex Numerical Method. <i>Optical and Quantum Electronics</i> , 2005, 37, 1185-1189.	3.3	8
137	Three-dimensional optical coherence tomography of proliferative diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2008, 92, 713-713.	3.9	8
138	Noninvasive vascular imaging of ruptured retinal arterial macroaneurysms by Doppler optical coherence tomography. <i>BMC Ophthalmology</i> , 2015, 15, 79.	1.4	8
139	Polarization Characteristics of Multiple Backscattering in Human Blood Cell Suspensions. <i>Optical and Quantum Electronics</i> , 2005, 37, 1277-1285.	3.3	7
140	Investigations of soft and hard tissues in oral cavity by spectral domain optical coherence tomography. , 2006, 6079, 115.		7
141	High-speed and high-sensitive optical coherence angiography. , 2009, , .		7
142	Effect of A-scan rate and interscan interval on optical coherence angiography. <i>Biomedical Optics Express</i> , 2021, 12, 722.	2.9	7
143	Detection of local tissue alteration during retinal laser photocoagulation of ex vivo porcine eyes using phase-resolved optical coherence tomography. <i>Biomedical Optics Express</i> , 2017, 8, 3067.	2.9	6
144	Depth-resolved investigation of multiple optical properties and wrinkle morphology in eye-corner areas with multi-contrast Jones matrix optical coherence tomography. <i>Skin Research and Technology</i> , 2021, 27, 435-443.	1.6	6

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145	High-Penetration Optical Coherence Tomography With Enhanced Depth Imaging of Polypoidal Choroidal Vasculopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2012, 43, e5-9.	0.7	6
146	Deep convolutional neural network-based scatterer density and resolution estimators in optical coherence tomography. <i>Biomedical Optics Express</i> , 2022, 13, 168.	2.9	6
147	Re: Spaide et al.: Volume-rendering optical coherence tomography angiography of macular telangiectasia type 2 (<i>Ophthalmology</i> 2015;122:2261-9). <i>Ophthalmology</i> , 2016, 123, e24.	5.2	5
148	Generation and optimization of superpixels as image processing kernels for Jones matrix optical coherence tomography. <i>Biomedical Optics Express</i> , 2017, 8, 4396.	2.9	5
149	Introduction to the feature issue on the 25 year anniversary of optical coherence tomography. <i>Biomedical Optics Express</i> , 2017, 8, 3289.	2.9	5
150	Evaluation of retinal pigment epithelium changes in serous pigment epithelial detachment in age-related macular degeneration. <i>Scientific Reports</i> , 2021, 11, 2764.	3.3	5
151	Evaluation of choroidal melanin-containing tissue in healthy Japanese subjects by polarization-sensitive optical coherence tomography. <i>Scientific Reports</i> , 2022, 12, 4048.	3.3	5
152	Time-space conversion of femtosecond light pulse by spatio-temporal joint transform correlator. <i>Optics Communications</i> , 2000, 177, 135-139.	2.1	4
153	Aberration measurement from confocal axial intensity response using neural network. <i>Optics Express</i> , 2002, 10, 1451.	3.4	4
154	Blood flow imaging at deep posterior human eye using 1 ¼ m spectral-domain optical coherence tomography. , 2009, , .		4
155	High-sensitive blood flow imaging of the retina and choroid by using double-beam optical coherence angiography. , 2010, , .		4
156	Computational multi-directional optical coherence tomography for visualizing the microstructural directionality of the tissue. <i>Biomedical Optics Express</i> , 2021, 12, 3851.	2.9	4
157	Polarization-Sensitive Optical Coherence Tomography of Necrotizing Scleritis. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2009, 40, 607-610.	0.7	4
158	Objective evaluation of choroidal melanin loss in patients with Vogt-Koyanagi-Harada disease using polarization-sensitive optical coherence tomography. <i>Scientific Reports</i> , 2022, 12, 3526.	3.3	4
159	Polarization-Sensitive Spectral Interferometric Optical Coherence Tomography for Human Skin Imaging. <i>Optical Review</i> , 2003, 10, 366-369.	2.0	3
160	Line-field Fourier-domain optical coherence tomography. , 2005, , .		3
161	Birefringence measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography with Jones matrix based analysis. , 2007, , .		3
162	Complex Conjugate Resolved Retinal Imaging by One-micrometer Spectral Domain Optical Coherence Tomography Using an Electro-optical Phase Modulator. <i>Journal of the Optical Society of Korea</i> , 2011, 15, 111-117.	0.6	3

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163	In vivo three-dimensional investigation of tissue birefringence by Jones matrix tomography. , 2013, , .		3
164	Accurate and quantitative polarization-sensitive OCT by unbiased birefringence estimator with noise-stochastic correction. , 2016, , .		3
165	Clinical application of high-contrast three-dimensional imaging of the retina, choroid, and optic nerve with three-dimensional Fourier domain optical coherence tomography. , 2006, , .		2
166	Clinical examinations of anterior eye segments by three-dimensional swept-source optical coherence tomography. , 2007, , .		2
167	Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical coherence tomography. , 2010, , .		2
168	Polarization sensitive corneal and anterior segment swept-source optical coherence tomography. , 2010, , .		2
169	Five-dimensional analysis of multi-contrast Jones matrix tomography of posterior eye. Proceedings of SPIE, 2014, , .	0.8	2
170	Multi-scale and -contrast sensorless adaptive optics optical coherence tomography. Quantitative Imaging in Medicine and Surgery, 2019, 9, 757-768.	2.0	2
171	Multi-contrast imaging with computational refocusing in polarization-sensitive optical coherence tomography. , 2021, , .		2
172	Virtual multi-directional optical coherence tomography. , 2020, , .		2
173	Quantification of ex vivo tissue activity by short and long time-course analysis of multifunctional OCT signals. , 2020, , .		2
174	Optical coherence tomography by spatio-temporal joint transform correlator. , 2000, 4087, 1282.		1
175	Characterization of Microoptic Arrays by Evaluation of the Axial Confocal Response. Optical Review, 2003, 10, 301-302.	2.0	1
176	Determination of Aberration Coefficient of Microoptic Arrays from Axial Confocal Response by Neural Method. Optical Review, 2003, 10, 318-320.	2.0	1
177	Real Time and Full-range Complex Fourier Domain Optical Coherence Tomography. Optical and Quantum Electronics, 2005, 37, 1157-1163.	3.3	1
178	Standard and Line-Field Fourier Domain Optical Coherence Tomography. , 2005, 2005, 7224-6.		1
179	Polarization sensitive Fourier domain optical coherence tomography with continuous polarization modulation. , 2006, , .		1
180	Phase-insensitive optical coherence angiography. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
181	Full range 1- $\hat{1}$ / ₄ m spectral domain optical coherence tomography by using electro-optical phase modulator. , 2008, , .		1
182	Discrimination of conjunctiva and sclera using texture analysis of polarization sensitive optical coherence tomography images. Proceedings of SPIE, 2009, , .	0.8	1
183	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
184	Fast retinal layer identification for optical coherence tomography images. Proceedings of SPIE, 2011, , .	0.8	1
185	Eye motion corrected OCT imaging with Lissajous scan pattern. , 2016, , .		1
186	Quantitative polarization and flow evaluation of choroid and sclera by multifunctional Jones matrix optical coherence tomography. Proceedings of SPIE, 2016, , .	0.8	1
187	Three-dimensional imaging of mouse liver dynamics by polarization-sensitive optical coherence tomography. , 2021, , .		1
188	Numerical jitter estimation for swept source optical coherence tomography. , 2020, , .		1
189	Phase retardation measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography and scanning laser polarimetry. , 2007, , .		1
190	Motion-free optical coherence tomography imaging of retinal disease using Lissajous scanning pattern. , 2020, , .		1
191	Quantification of ex-vivo tissue activity by polarization dynamics imaging using Jones matrix optical coherence tomography. , 2020, , .		1
192	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
193	Multi-focus average for multiple scattering noise suppression in optical coherence tomography. , 2022, , .		1
194	Sparse frame acquisition toward fast volumetric dynamic optical coherence tomography imaging. , 2022, , .		1
195	Photon wall: three-dimensional control of femtosecond light pulse. , 1998, 3491, 700.		0
196	<title>Spatio-temporal joint pulse shaper: analysis of the property by Wigner distribution function</title>. , 2000, 4089, 836.		0
197	Parallel detection polarization-sensitive spectrally interferometric polarization-sensitive OCT. , 2004, , .		0
198	High-speed full-range Fourier domain optical coherence tomography by simultaneous B-M-mode scanning. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
199	High-speed and line-feed Fourier domain optical coherence tomography (Invited Paper). , 2005, , .		0
200	One-shot-phase-shifting full-range Fourier domain optical coherence tomography by reference wavefront tilting. , 2005, 5690, 127.		0
201	Laterally Super-Resolving Optical Coherence Tomography by Intentional Defocus and Numerical Compensation. , 2005, , MC2.		0
202	In vivo human retinal imaging using high-speed Doppler Fourier-domain optical coherence tomography. , 0, , .		0
203	Dermatological Investigation by Three-Dimensional Line-Field Fourier Domain Optical Coherence Tomography. , 0, , .		0
204	Laterally super-resolving optical coherence tomography by complex numerical method. , 0, , .		0
205	Three-dimensional measurement of microorganism by retardation modulated differential interference contrast microscope. , 2006, , .		0
206	Three-dimensional measurement by high-speed line-field Fourier-domain optical coherence tomography in vivo. , 2006, 6079, 167.		0
207	Enhancement of lateral resolution of Fourier domain optical coherence tomography over diffraction-limit by defocus-detection and numerical compensation. , 2006, , .		0
208	Three-dimensional investigation of in vivo anterior eye segments by swept-source optical coherence tomography with ready-for-shipping scanning light source. , 2006, 6079, 148.		0
209	In-focus line field Fourier-domain optical coherence tomography by complex numerical method. , 2006, 6079, 189.		0
210	Prepapillary retinal vessel quantification by using Doppler optical coherence angiography. , 2007, , .		0
211	Polarization-sensitive Fourier domain optical coherence tomography for the imaging the anterior segment disorder of the eyes. Proceedings of SPIE, 2007, , .	0.8	0
212	Phase retardation measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography and scanning laser polarimetry. , 2007, , .		0
213	Optimization of line-field spectral domain optical coherence tomography for in vivo high-speed 3D retinal imaging. , 2007, , .		0
214	Optical coherence angiography for the retina and choroid. , 2007, , .		0
215	Scattering optical coherence angiography with 1-1/4m swept source optical coherence tomography. , 2007, , .		0
216	Imaging polarimetry in macular disease with scanning laser polarimetry and polarization-sensitive Fourier-domain optical coherence tomography. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
217	Phase-insensitive optical coherence angiography of the choroid by 1-micrometer band swept-source optical coherence tomography. , 2007, , .		0
218	Computed simulation of keratectomy based on three-dimensional optical coherence tomography. , 2007, , .		0
219	Optical coherence angiography for the human eye. , 2007, , .		0
220	Quantitative comparison of phase retardation measured, by polarization-sensitive spectral-domain optical, coherence tomography and scanning laser tomography. , 2007, , .		0
221	Clinical Investigation of Human Eye by Swept Source Optical Coherence Tomography. , 2007, , .		0
222	High-penetration imaging of retinal and choroidal pathologies by 1 μ m swept-source OCT and optical coherence angiography. Proceedings of SPIE, 2008, , .	0.8	0
223	Retinal blood flow measurement by using optical coherence tomography. Proceedings of SPIE, 2008, , .	0.8	0
224	Polarization-sensitive swept-source optical coherence tomography with continuous polarization modulation. , 2008, , .		0
225	Numerical method for compensating the retinal shadows of optical coherence tomography images. , 2008, , .		0
226	Full-range, high-speed, high-resolution 1 μ m spectral-domain optical coherence tomography with BM-scan method for the human posterior eye imaging. , 2008, , .		0
227	Imaging the anterior eye segment by polarization-sensitive spectral-domain and swept-source optical coherence tomography. Proceedings of SPIE, 2008, , .	0.8	0
228	Optical coherence tomography for the investigation of posterior and anterior eye segments. Proceedings of SPIE, 2008, , .	0.8	0
229	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
230	Investigation of anterior chamber angle by swept-source polarization sensitive optical coherence tomography. , 2009, , .		0
231	Polarization-sensitive swept-source optical coherence tomography at 1 μ m for birefringence imaging of the posterior segment of the eye. , 2009, , .		0
232	Automated retinal pigment epithelium identification from optical coherence tomography images. Proceedings of SPIE, 2009, , .	0.8	0
233	Simultaneous birefringence and Doppler flow imaging of the anterior eye segment using multi-functional swept-source optical coherence tomography. , 2009, , .		0
234	1 μ m wavelength adaptive optics scanning laser ophthalmoscope. Proceedings of SPIE, 2009, , .	0.8	0

#	ARTICLE	IF	CITATIONS
235	Adaptive optics spectral domain optical coherence tomography with one-micrometer light source. , 2010, , .		0
236	New contrast of optical coherence tomography in ophthalmology. , 2010, , .		0
237	BM-mode scanning with parabolic phase modulation for full range Doppler optical tomography. Proceedings of SPIE, 2010, , .	0.8	0
238	Full range polarization-sensitive swept-source optical coherence tomography at 1 $\hat{1}$ / ₄ m with polarization modulation and BM-mode scant. Proceedings of SPIE, 2010, , .	0.8	0
239	In vivo analysis of human skin anisotropy by polarization-sensitive optical coherence tomography. Proceedings of SPIE, 2011, , .	0.8	0
240	Wide field of view retinal imaging using one-micrometer adaptive optics scanning laser ophthalmoscope. Proceedings of SPIE, 2011, , .	0.8	0
241	Non-invasive three-dimensional angiography of human eye by Doppler optical coherence tomography. , 2011, , .		0
242	Choroidal imaging by one-micrometer dual-beam Doppler optical coherence angiography with adjustable velocity range. Proceedings of SPIE, 2012, , .	0.8	0
243	Office based multi-functional anterior eye segment optical coherence tomography. , 2012, , .		0
244	Automated detection of chorio-scleral interface using polarization-sensitive optical coherence tomography. , 2012, , .		0
245	Single-step method for fiber-optic probe-based full-range spectral domain optical coherence tomography. Applied Optics, 2013, 52, 5143.	1.8	0
246	Toward absorption contrast imaging of biological tissues in vivo by using photothermal optical coherence tomography. Proceedings of SPIE, 2014, , .	0.8	0
247	Quantitative two-dimensional micro-displacement measurement by optical coherence tomography. , 2014, , .		0
248	Noise-immune complex correlation for vasculature imaging based on standard and Jones-matrix optical coherence tomography. Proceedings of SPIE, 2016, , .	0.8	0
249	Quantitative optical coherence tomography by maximum a-posteriori estimation of signal intensity. Proceedings of SPIE, 2016, , .	0.8	0
250	Three-dimensional multifunctional optical coherence tomography for skin imaging. , 2016, , .		0
251	Birefringence and vascular imaging of <i>in vivo</i> human skin by Jones-matrix optical coherence tomography. Proceedings of SPIE, 2017, , .	0.8	0
252	Motion-corrected en face optical coherence tomography angiography imaging based on the modified Lissajous scanning patter. Proceedings of SPIE, 2017, , .	0.8	0

#	ARTICLE	IF	CITATIONS
253	Multi-contrast imaging of human posterior eye by Jones matrix optical coherence tomography. , 2017, , .		0
254	Evaluation of intraretinal migration of retinal pigment epithelial cells with Jones matrix optical coherence tomography. Proceedings of SPIE, 2017, , .	0.8	0
255	High contrast and polarization-artifact-free optical coherence tomography by maximum a-posteriori estimation. Proceedings of SPIE, 2017, , .	0.8	0
256	Spectral Domain Optical Coherence Tomography. The Review of Laser Engineering, 2006, 34, 476-482.	0.0	0
257	Ophthalmic Applications of Birefringence and Flow Contrast Optical Coherence Tomography. , 2008, , .		0
258	Tissue Contrast Imaging by Polarization Sensitive Optical Coherence Tomography. , 2009, , .		0
259	In Vivo and Three-Dimensional Imaging of Vasculature in the Eye by Optical Coherence Tomography. , 2011, , .		0
260	Passive Component Based Multi-Functional Jones Matrix Optical Coherence Tomography for Doppler and Polarization Sensitive Imaging of Retina. , 2012, , .		0
261	Extended depth of focus adaptive optics spectral domain optical coherence tomography. , 2012, , .		0
262	Three-Dimensional Jones Matrix and Doppler Imaging of In Vivo Human Eye by Optical Coherence Tomography. , 2013, , .		0
263	Three-Dimensional Polarization and Doppler Imaging of Living tissue by Multi-Contrast Optical Coherence Tomography. , 2013, , .		0
264	Dual Beam Doppler Optical Coherence Angiography. , 2015, , 1353-1371.		0
265	Quantitative Imaging of Tissue Polarization Property by Jones Matrix Optical Coherence Tomography. , 2015, , .		0
266	Ultra-high-resolution spectral domain optical coherence tomography in 1.7 um wavelength region. , 2016, , .		0
267	Investigation of multiple optical and biometric properties of optic nerve head (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt5		0
268	Jones Matrix Tomography - Principle, Implementation, and Application. , 2018, , .		0
269	Objective evaluation of choroidal melanin contents with polarization-sensitive optical coherence tomography. , 2018, , .		0
270	Bulk phase error correction for holographic signal processing of optical coherence tomography. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
271	Retinal pigment epithelium-melanin specific contrast imaging by multi-contrast OCT. , 2020, , .		0
272	Tissue analysis using optical and mechanical tissue properties obtained by polarization-sensitive optical coherence elastography. , 2020, , .		0
273	Depth-resolved investigation of multiple optical properties and wrinkle morphology in eye-corner area by multi-functional Jones matrix optical coherence tomography. , 2020, , .		0
274	Spatio-Temporal Joint Transform Correlator and Fourier Domain OCT. , 2006, , 319-325.		0
275	Anterior Segment OCT: An Overview. Essentials in Ophthalmology, 2021, , 1-4.	0.1	0
276	Anterior Segment OCT: Polarization-Sensitive OCT. Essentials in Ophthalmology, 2021, , 237-249.	0.1	0
277	Three dimensional tumor spheroid drug response evaluation using OCT based tissue viability evaluation method. , 2022, , .		0
278	Label-free assessment of renal function with unilateral ureteral obstruction (UUO) model by optical coherence microscopy. , 2022, , .		0
279	Motion-immune digital refocusing of point-scanning optical coherence tomography with Lissajous scan. , 2022, , .		0
280	Rapid, non-destructive, and volumetric characterization of zebrafish tumor models using Jones-matrix optical coherence tomography. , 2022, , .		0
281	Multi-functional optical coherence microscopy for in-vitro and ex-vivo tissue investigation. , 2021, , .		0
282	In vivo investigation of a tumor xenograft zebrafish model using multicontrast polarization-sensitive optical coherence tomography. , 2022, , .		0
283	Multi-focus average for multiple noise suppression in optical coherence tomography. , 2022, , .		0
284	Dynamics Imaging of Plant Maturity by Optical Coherence Tomography. , 2022, , .		0