

# James G Fujimoto

## List of Publications by Year in descending order

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214  
papers

32,061  
citations

7096

78  
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4342

173  
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217  
all docs

217  
docs citations

217  
times ranked

14325  
citing authors

#	ARTICLE	IF	CITATIONS
1	MULTISCALE CORRELATION OF MICROVASCULAR CHANGES ON OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY WITH RETINAL SENSITIVITY IN DIABETIC RETINOPATHY. <i>Retina</i> , 2022, 42, 357-368.	1.7	5
2	Real-time diagnosis and Gleason grading of prostate core needle biopsies using nonlinear microscopy. <i>Modern Pathology</i> , 2022, 35, 539-548.	5.5	5
3	Functional imaging of human retina using integrated multispectral and laser speckle contrast imaging. <i>Journal of Biophotonics</i> , 2022, 15, e202100285.	2.3	15
4	High speed, long range, deep penetration swept source OCT for structural and angiographic imaging of the anterior eye. <i>Scientific Reports</i> , 2022, 12, 992.	3.3	12
5	Local Geographic Atrophy Growth Rates Not Influenced by Close Proximity to Non-Exudative Type 1 Macular Neovascularization. , 2022, 63, 20.		6
6	Comparing Accuracies of Length-Type Geographic Atrophy Growth Rate Metrics Using Atrophy-Front Growth Modeling. <i>Ophthalmology Science</i> , 2022, 2, 100156.	2.5	2
7	Author Response: Local Geographic Atrophy Growth Rates Not Influenced by Close Proximity to Non-Exudative Type 1 Macular Neovascularization. , 2022, 63, 11.		0
8	Geometric Perfusion Deficits: A Novel OCT Angiography Biomarker for Diabetic Retinopathy Based on Oxygen Diffusion. <i>American Journal of Ophthalmology</i> , 2021, 222, 256-270.	3.3	17
9	A microneedle platform for buccal macromolecule delivery. <i>Science Advances</i> , 2021, 7, .	10.3	70
10	Multi-MHz MEMS-VCSEL swept-source optical coherence tomography for endoscopic structural and angiographic imaging with miniaturized brushless motor probes. <i>Biomedical Optics Express</i> , 2021, 12, 2384.	2.9	18
11	Analysis of correlations between local geographic atrophy growth rates and local OCT angiography-measured choriocapillaris flow deficits. <i>Biomedical Optics Express</i> , 2021, 12, 4573.	2.9	11
12	Growth Modeling for Quantitative, Spatially Resolved Geographic Atrophy Lesion Kinetics. <i>Translational Vision Science and Technology</i> , 2021, 10, 26.	2.2	5
13	Deliberations of an International Panel of Experts on OCT Angiography Nomenclature of Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021, 128, 1109-1112.	5.2	16
14	FULL-THICKNESS MACULAR HOLE SIZE BY HYPERTRANSMISSION SIGNAL ON SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , 2021, 41, 2059-2065.	1.7	1
15	Analyzing Relative Flow Speeds in Diabetic Retinopathy Using Variable Interscan Time Analysis OCT Angiography. <i>Ophthalmology Retina</i> , 2021, 5, 49-59.	2.4	19
16	Maximum a posteriori signal recovery for optical coherence tomography angiography image generation and denoising. <i>Biomedical Optics Express</i> , 2021, 12, 55.	2.9	4
17	Efficient and high accuracy 3-D OCT angiography motion correction in pathology. <i>Biomedical Optics Express</i> , 2021, 12, 125.	2.9	12
18	OCT-OCTA segmentation: combining structural and blood flow information to segment Bruchâ€™s membrane. <i>Biomedical Optics Express</i> , 2021, 12, 84.	2.9	13

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19	Correction of circumferential and longitudinal motion distortion in high-speed catheter/endoscope-based optical coherence tomography. <i>Biomedical Optics Express</i> , 2021, 12, 226.	2.9	10
20	Rapid histological imaging of bone without microtome sectioning using nonlinear microscopy. <i>Bone</i> , 2021, 154, 116254.	2.9	1
21	Consensus Nomenclature for Reporting Neovascular Age-Related Macular Degeneration Data. <i>Ophthalmology</i> , 2020, 127, 616-636.	5.2	417
22	Nonlinear microscopy for detection of prostate cancer: analysis of sensitivity and specificity in radical prostatectomies. <i>Modern Pathology</i> , 2020, 33, 916-923.	5.5	15
23	Application of Corneal Optical Coherence Tomography Angiography for Assessment of Vessel Depth in Corneal Neovascularization. <i>Cornea</i> , 2020, 39, 598-604.	1.7	8
24	QUANTIFICATION OF RETINAL CAPILLARY NONPERFUSION IN DIABETICS USING WIDE-FIELD OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. <i>Retina</i> , 2020, 40, 412-420.	1.7	62
25	SPATIAL DISTRIBUTION OF CHORIOCAPILLARIS IMPAIRMENT IN EYES WITH CHOROIDAL NEOVASCULARIZATION SECONDARY TO AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2020, 40, 428-445.	1.7	32
26	A Framework for Multiscale Quantitation of Relationships Between Choriocapillaris Flow Impairment and Geographic Atrophy Growth. <i>American Journal of Ophthalmology</i> , 2020, 214, 172-187.	3.3	18
27	Tethered capsule en face optical coherence tomography for imaging Barrett's oesophagus in unsedated patients. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000444.	2.7	10
28	High-Speed, Ultrahigh-Resolution Spectral-Domain OCT with Extended Imaging Range Using Reference Arm Length Matching. <i>Translational Vision Science and Technology</i> , 2020, 9, 12.	2.2	29
29	The long-term effects of anti-vascular endothelial growth factor therapy on the optical coherence tomography angiographic appearance of neovascularization in age-related macular degeneration. <i>International Journal of Retina and Vitreous</i> , 2020, 6, 39.	1.9	13
30	Topographic analysis of macular choriocapillaris flow deficits in diabetic retinopathy using swept-source optical coherence tomography angiography. <i>International Journal of Retina and Vitreous</i> , 2020, 6, 6.	1.9	19
31	Macular and Peripapillary Optical Coherence Tomography Angiography Metrics Predict Progression in Diabetic Retinopathy: A Sub-analysis of TIME-2b Study Data. <i>American Journal of Ophthalmology</i> , 2020, 219, 66-76.	3.3	37
32	Developing a potential retinal OCT biomarker for local growth of geographic atrophy. <i>Biomedical Optics Express</i> , 2020, 11, 5181.	2.9	5
33	Correction propagation for user-assisted optical coherence tomography segmentation: general framework and application to Bruch's membrane segmentation. <i>Biomedical Optics Express</i> , 2020, 11, 2830.	2.9	1
34	Controlling for Artifacts in Widefield Optical Coherence Tomography Angiography Measurements of Non-Perfusion Area. <i>Scientific Reports</i> , 2019, 9, 9096.	3.3	32
35	Retinal Nonperfusion Relationship to Arteries or Veins Observed on Widefield Optical Coherence Tomography Angiography in Diabetic Retinopathy. , 2019, 60, 4310.		25
36	Vascularized drusen: a cross-sectional study. <i>International Journal of Retina and Vitreous</i> , 2019, 5, 36.	1.9	7

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37	A luminal unfolding microneedle injector for oral delivery of macromolecules. <i>Nature Medicine</i> , 2019, 25, 1512-1518.	30.7	167
38	Healed Culprit Plaques in Patients With Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2253-2263.	2.8	111
39	Three-Dimensional Fibrous Cap Structure of Coronary Lipid Plaque in ST-Elevation Myocardial Infarction vs. Stable Angina. <i>Circulation Journal</i> , 2019, 83, 1214-1219.	1.6	3
40	Calcified Plaques in Patients With Acute Coronary Syndromes. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 531-540.	2.9	92
41	Comparing histologic evaluation of prostate tissue using nonlinear microscopy and paraffin H&E: a pilot study. <i>Modern Pathology</i> , 2019, 32, 1158-1167.	5.5	21
42	Fully automated analysis of OCT imaging of human kidneys for prediction of post-transplant function. <i>Biomedical Optics Express</i> , 2019, 10, 1794.	2.9	12
43	Global Analysis of Macular Choriocapillaris Perfusion in Dry Age-Related Macular Degeneration using Swept-Source Optical Coherence Tomography Angiography. , 2019, 60, 4985.		19
44	Assessment of Barrett's esophagus and dysplasia with ultrahigh-speed volumetric en face and cross-sectional optical coherence tomography. <i>Endoscopy</i> , 2019, 51, 355-359.	1.8	11
45	Comparison of nonlinear microscopy and frozen section histology for imaging of Mohs surgical margins. <i>Biomedical Optics Express</i> , 2019, 10, 4249.	2.9	14
46	Assessment of chronic radiation proctopathy and radiofrequency ablation treatment follow-up with optical coherence tomography angiography: A pilot study. <i>World Journal of Gastroenterology</i> , 2019, 25, 1997-2009.	3.3	6
47	Rapid histopathological imaging of skin and breast cancer surgical specimens using immersion microscopy with ultraviolet surface excitation. <i>Scientific Reports</i> , 2018, 8, 4476.	3.3	60
48	Analyzing Relative Blood Flow Speeds in Choroidal Neovascularization Using Variable Interscan Time Analysis OCT Angiography. <i>Ophthalmology Retina</i> , 2018, 2, 306-319.	2.4	19
49	Quantifying Microvascular Changes Using OCT Angiography in Diabetic Eyes without Clinical Evidence of Retinopathy. <i>Ophthalmology Retina</i> , 2018, 2, 418-427.	2.4	60
50	Optical coherence tomography angiography. <i>Progress in Retinal and Eye Research</i> , 2018, 64, 1-55.	15.5	1,112
51	Rapid virtual hematoxylin and eosin histology of breast tissue specimens using a compact fluorescence nonlinear microscope. <i>Laboratory Investigation</i> , 2018, 98, 150-160.	3.7	54
52	Computer-Aided Analysis of Gland-Like Subsurface Hyposcattering Structures in Barrett's Esophagus Using Optical Coherence Tomography. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2420.	2.5	4
53	Optical coherence tomography angiography (OCTA) flow speed mapping technology for retinal diseases. <i>Expert Review of Medical Devices</i> , 2018, 15, 875-882.	2.8	36
54	Choriocapillaris Loss in Advanced Age-Related Macular Degeneration. <i>Journal of Ophthalmology</i> , 2018, 1-6.	1.3	41

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55	Multiscale nonlinear microscopy and widefield white light imaging enables rapid histological imaging of surgical specimen margins. <i>Biomedical Optics Express</i> , 2018, 9, 2457.	2.9	25
56	Cycloid scanning for wide field optical coherence tomography endomicroscopy and angiography in vivo. <i>Optica</i> , 2018, 5, 36.	9.3	28
57	Tortuous Pore Path Through the Glaucomatous Lamina Cribrosa. <i>Scientific Reports</i> , 2018, 8, 7281.	3.3	20
58	Temporal and volumetric denoising via quantile sparse image prior. <i>Medical Image Analysis</i> , 2018, 48, 131-146.	11.6	12
59	A Joint Probabilistic Model for Speckle Variance, Amplitude Decorrelation and Interframe Variance (IFV) Optical Coherence Tomography Angiography. <i>Informatik Aktuell</i> , 2018, , 98-102.	0.6	3
60	Endoscopic optical coherence tomography angiography microvascular features associated with dysplasia in Barrett's Esophagus (with video). <i>Gastrointestinal Endoscopy</i> , 2017, 86, 476-484.e3.	1.0	33
61	Integrated local binary pattern texture features for classification of breast tissue imaged by optical coherence microscopy. <i>Medical Image Analysis</i> , 2017, 38, 104-116.	11.6	41
62	En Face Doppler Optical Coherence Tomography Measurement of Total Retinal Blood Flow in Diabetic Retinopathy and Diabetic Macular Edema. <i>JAMA Ophthalmology</i> , 2017, 135, 244.	2.5	25
63	Evaluating anesthetic protocols for functional blood flow imaging in the rat eye. <i>Journal of Biomedical Optics</i> , 2017, 22, 016005.	2.6	22
64	Clinical Significance of Lipid-Rich Plaque Detected by Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2502-2513.	2.8	142
65	Location of the Central Retinal Vessel Trunk in the Lamina and Prelamina Tissue of Healthy and Glaucomatous Eyes. <i>Scientific Reports</i> , 2017, 7, 9930.	3.3	11
66	The Definition, Rationale, and Effects of Thresholding in OCT Angiography. <i>Ophthalmology Retina</i> , 2017, 1, 435-447.	2.4	43
67	Clinical Predictors for Lack of Favorable Vascular Response to Statin Therapy in Patients With Coronary Artery Disease: A Serial Optical Coherence Tomography Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	14
68	Assessment of the radiofrequency ablation dynamics of esophageal tissue with optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	11
69	Optical Coherence Tomography Angiography Characteristics of Iris Melanocytic Tumors. <i>Ophthalmology</i> , 2017, 124, 197-204.	5.2	67
70	Ultrahigh-speed endoscopic optical coherence tomography and angiography enables delineation of lateral margins of endoscopic mucosal resection: a case report. <i>Therapeutic Advances in Gastroenterology</i> , 2017, 10, 931-936.	3.2	9
71	Multicolor lasers employing birefringent filters with an arbitrarily oriented optical axis. , 2017, , .		0
72	The ecosystem that powered the translation of OCT from fundamental research to clinical and commercial impact [Invited]. <i>Biomedical Optics Express</i> , 2017, 8, 1638.	2.9	102

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73	Photoreceptor Layer Thickness Changes During Dark Adaptation Observed With Ultrahigh-Resolution Optical Coherence Tomography. , 2017, 58, 4632.		61
74	Polypoidal Choroidal Vasculopathy on Swept-Source Optical Coherence Tomography Angiography with Variable Interscan Time Analysis. Translational Vision Science and Technology, 2017, 6, 4.	2.2	29
75	Thick Prelaminar Tissue Decreases Lamina Cribrosa Visibility. , 2017, 58, 1751.		12
76	Foreword: 25 Years of Optical Coherence Tomography. , 2016, 57, OCTi.		29
77	Visualizing the Choriocapillaris Under Drusen: Comparing 1050-nm Swept-Source Versus 840-nm Spectral-Domain Optical Coherence Tomography Angiography. , 2016, 57, OCT585.		95
78	Decreased Lamina Cribrosa Beam Thickness and Pore Diameter Relative to Distance From the Central Retinal Vessel Trunk. , 2016, 57, 3088.		10
79	The Development, Commercialization, and Impact of Optical Coherence Tomography. , 2016, 57, OCT1.		325
80	Cubic meter volume optical coherence tomography. Optica, 2016, 3, 1496.	9.3	109
81	Circumferential optical coherence tomography angiography imaging of the swine esophagus using a micromotor balloon catheter. Biomedical Optics Express, 2016, 7, 2927.	2.9	27
82	TOWARD QUANTITATIVE OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. Retina, 2016, 36, S118-S126.	1.7	114
83	Direct comparison between confocal and multiphoton microscopy for rapid histopathological evaluation of unfixed human breast tissue. Journal of Biomedical Optics, 2016, 21, 126021.	2.6	34
84	Select Features of Diabetic Retinopathy on Swept-Source Optical Coherence Tomographic Angiography Compared With Fluorescein Angiography and Normal Eyes. JAMA Ophthalmology, 2016, 134, 644.	2.5	182
85	Optical Coherence Tomography Angiography of Dry Age-Related Macular Degeneration. Developments in Ophthalmology, 2016, 56, 91-100.	0.1	90
86	Design of a portable wide field of view GPU-accelerated multiphoton imaging system for real-time imaging of breast surgical specimens. , 2016, , .		2
87	Volumetric Mapping of Barrett's Esophagus and Dysplasia With en face Optical Coherence Tomography Tethered Capsule. American Journal of Gastroenterology, 2016, 111, 1664-1666.	0.4	28
88	SWEPT-SOURCE OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY REVEALS CHORIOCAPILLARIS ALTERATIONS IN EYES WITH NASCENT GEOGRAPHIC ATROPHY AND DRUSEN-ASSOCIATED GEOGRAPHIC ATROPHY. Retina, 2016, 36, S2-S11.	1.7	111
89	AN AUTOMATIC, INTERCAPILLARY AREA-BASED ALGORITHM FOR QUANTIFYING DIABETES-RELATED CAPILLARY DROPOUT USING OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. Retina, 2016, 36, S93-S101.	1.7	77
90	Choroidal Neovascularization Analyzed on Ultrahigh-Speed Swept-Source Optical Coherence Tomography Angiography Compared to Spectral-Domain Optical Coherence Tomography Angiography. American Journal of Ophthalmology, 2016, 164, 80-88.	3.3	137

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91	Three-Dimensional Enhanced Imaging of Vitreoretinal Interface in Diabetic Retinopathy Using Swept-Source Optical Coherence Tomography. American Journal of Ophthalmology, 2016, 162, 140-149.e1.	3.3	31
92	Virtual Hematoxylin and Eosin Transillumination Microscopy Using Epi-Fluorescence Imaging. PLoS ONE, 2016, 11, e0159337.	2.5	91
93	Rapid imaging of surgical breast excisions using direct temporal sampling two photon fluorescent lifetime imaging. Biomedical Optics Express, 2015, 6, 4317.	2.9	30
94	IMAGE ARTIFACTS IN OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. Retina, 2015, 35, 2163-2180.	1.7	879
95	Cardiac-Gated En Face Doppler Measurement of Retinal Blood Flow Using Swept-Source Optical Coherence Tomography at 100,000 Axial Scans per Second. , 2015, 56, 2522.		18
96	Characterization of Choroidal Layers in Normal Aging Eyes Using Enface Swept-Source Optical Coherence Tomography. PLoS ONE, 2015, 10, e0133080.	2.5	51
97	Combined 60° Wide-Field Choroidal Thickness Maps and High-Definition En Face Vasculature Visualization Using Swept-Source Megahertz OCT at 1050 nm. , 2015, 56, 6284.		52
98	Wideband Electrically Pumped 1050-nm MEMS-Tunable VCSEL for Ophthalmic Imaging. Journal of Lightwave Technology, 2015, 33, 3461-3468.	4.6	73
99	Quantitative optical coherence tomography angiography of vascular abnormalities in the living human eye. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2395-402.	7.1	563
100	En Face Imaging of the Choroid in Polypoidal Choroidal Vasculopathy Using Swept-Source Optical Coherence Tomography. American Journal of Ophthalmology, 2015, 159, 634-643.e2.	3.3	64
101	Ultrahigh speed en face OCT capsule for endoscopic imaging. Biomedical Optics Express, 2015, 6, 1146.	2.9	60
102	Silicon photonic integrated circuit swept-source optical coherence tomography receiver with dual polarization, dual balanced, in-phase and quadrature detection. Biomedical Optics Express, 2015, 6, 2562.	2.9	39
103	Multimodal optical imaging system for in vivo investigation of cerebral oxygen delivery and energy metabolism. Biomedical Optics Express, 2015, 6, 4994.	2.9	31
104	Ultrahigh-Speed, Swept-Source Optical Coherence Tomography Angiography in Nonexudative Age-Related Macular Degeneration with Geographic Atrophy. Ophthalmology, 2015, 122, 2532-2544.	5.2	244
105	Retinal Optical Coherence Tomography Imaging. , 2015, , 1685-1735.		10
106	Ultra-High Resolution Optical Coherence Tomography Imaging of Unilateral Drusen in a 31 Year Old Woman. Clinical Medical Reviews and Case Reports, 2015, 2, .	0.1	0
107	Reproducibility of In-Vivo OCT Measured Three-Dimensional Human Lamina Cribrosa Microarchitecture. PLoS ONE, 2014, 9, e95526.	2.5	24
108	Enhanced Vitreous Imaging in Healthy Eyes Using Swept Source Optical Coherence Tomography. PLoS ONE, 2014, 9, e102950.	2.5	56

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109	Choroid, Haller's, and Sattler's Layer Thickness in Intermediate Age-Related Macular Degeneration With and Without Fellow Neovascular Eyes. , 2014, 55, 5074.		53
110	Endoscopic Optical Coherence Tomography for Clinical Gastroenterology. Diagnostics, 2014, 4, 57-93.	2.6	78
111	Computer-Aided Image Analysis Algorithm to Enhance In Vivo Diagnosis of Plaque Erosion by Intravascular Optical Coherence Tomography. Circulation: Cardiovascular Imaging, 2014, 7, 805-810.	2.6	12
112	Depth-encoded all-fiber swept source polarization sensitive OCT. Biomedical Optics Express, 2014, 5, 2931.	2.9	56
113	Handheld ultrahigh speed swept source optical coherence tomography instrument using a MEMS scanning mirror. Biomedical Optics Express, 2014, 5, 293.	2.9	163
114	Quantitative 3D-OCT motion correction with tilt and illumination correction, robust similarity measure and regularization. Biomedical Optics Express, 2014, 5, 2591.	2.9	150
115	Ultrahigh speed endoscopic optical coherence tomography for gastroenterology. Biomedical Optics Express, 2014, 5, 4387.	2.9	34
116	Correction of rotational distortion for catheter-based en face OCT and OCT angiography. Optics Letters, 2014, 39, 5973.	3.3	48
117	Endoscopic Optical Coherence Angiography Enables 3-Dimensional Visualization of Subsurface Microvasculature. Gastroenterology, 2014, 147, 1219-1221.	1.3	50
118	Choroidal Analysis in Healthy Eyes Using Swept-Source Optical Coherence Tomography Compared to Spectral Domain Optical Coherence Tomography. American Journal of Ophthalmology, 2014, 157, 1272-1281.e1.	3.3	97
119	Optical coherence tomography angiography of optic nerve head and parafovea in multiple sclerosis. British Journal of Ophthalmology, 2014, 98, 1368-1373.	3.9	213
120	Assessment of breast pathologies using nonlinear microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15304-15309.	7.1	169
121	Optical Coherence Tomography Angiography of Optic Disc Perfusion in Glaucoma. Ophthalmology, 2014, 121, 1322-1332.	5.2	635
122	En Face Enhanced-Depth Swept-Source Optical Coherence Tomography Features of Chronic Central Serous Chorioretinopathy. Ophthalmology, 2014, 121, 719-726.	5.2	174
123	Quantitative Optical Coherence Tomography Angiography of Choroidal Neovascularization in Age-Related Macular Degeneration. Ophthalmology, 2014, 121, 1435-1444.	5.2	654
124	Choroidal Haller's and Sattler's Layer Thickness Measurement Using 3-Dimensional 1060-nm Optical Coherence Tomography. PLoS ONE, 2014, 9, e99690.	2.5	61
125	Ultrahigh-Speed Swept-Source OCT Angiography in Exudative AMD. Ophthalmic Surgery Lasers and Imaging Retina, 2014, 45, 496-505.	0.7	206
126	Abstract 12934: Stent Design Affects the Side Branch Orifice Area Following Coronary Bifurcation Stenting: Comparison Between Resolute Integrity versus Xience V Stent Using a Newly Developed OCT algorithm. Circulation, 2014, 130, .	1.6	0



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127	Phase-sensitive swept-source optical coherence tomography imaging of the human retina with a vertical cavity surface-emitting laser light source. <i>Optics Letters</i> , 2013, 38, 338.	3.3	141
128	Ultrahigh speed endoscopic optical coherence tomography using micromotor imaging catheter and VCSEL technology. <i>Biomedical Optics Express</i> , 2013, 4, 1119.	2.9	116
129	Choriocapillaris and Choroidal Microvasculature Imaging with Ultrahigh Speed OCT Angiography. <i>PLoS ONE</i> , 2013, 8, e81499.	2.5	289
130	Motion correction in optical coherence tomography volumes on a per A-scan basis using orthogonal scan patterns. <i>Biomedical Optics Express</i> , 2012, 3, 1182.	2.9	365
131	Retinal, anterior segment and full eye imaging using ultrahigh speed swept source OCT with vertical-cavity surface emitting lasers. <i>Biomedical Optics Express</i> , 2012, 3, 2733.	2.9	298
132	Split-spectrum amplitude-decorrelation angiography with optical coherence tomography. <i>Optics Express</i> , 2012, 20, 4710.	3.4	1,574
133	Swept source / Fourier domain polarization sensitive optical coherence tomography with a passive polarization delay unit. <i>Optics Express</i> , 2012, 20, 10229.	3.4	131
134	Comparison of Tissue Architectural Changes between Radiofrequency Ablation and Cryospray Ablation in Barrett's Esophagus Using Endoscopic Three-Dimensional Optical Coherence Tomography. <i>Gastroenterology Research and Practice</i> , 2012, 2012, 1-8.	1.5	19
135	Optical flywheels with attosecond jitter. <i>Nature Photonics</i> , 2012, 6, 97-100.	31.4	139
136	Structural markers observed with endoscopic 3-dimensional optical coherence tomography correlating with Barrett's esophagus radiofrequency ablation treatment response (with videos). <i>Gastrointestinal Endoscopy</i> , 2012, 76, 1104-1112.	1.0	63
137	Three-dimensional endoscopic optical coherence tomography imaging of cervical inlet patch. <i>Gastrointestinal Endoscopy</i> , 2012, 75, 675-677.	1.0	11
138	Characterization of buried glands before and after radiofrequency ablation by using 3-dimensional optical coherence tomography (with videos). <i>Gastrointestinal Endoscopy</i> , 2012, 76, 32-40.	1.0	117
139	Cervical inlet patch-optical coherence tomography imaging and clinical significance. <i>World Journal of Gastroenterology</i> , 2012, 18, 2502.	3.3	15
140	Piezoelectric-transducer-based miniature catheter for ultrahigh-speed endoscopic optical coherence tomography. <i>Biomedical Optics Express</i> , 2011, 2, 2438.	2.9	31
141	Integrated Optical Coherence Tomography and Microscopy for <i>Ex Vivo</i> Multiscale Evaluation of Human Breast Tissues. <i>Cancer Research</i> , 2010, 70, 10071-10079.	0.9	98
142	Integrated optical coherence tomography and optical coherence microscopy imaging of human pathology. , 2010, , .		0
143	High speed optical coherence microscopy with autofocus adjustment and a miniaturized endoscopic imaging probe. <i>Optics Express</i> , 2010, 18, 4222.	3.4	60
144	Ultrahigh speed 1050nm swept source / Fourier domain OCT retinal and anterior segment imaging at 100,000 to 400,000 axial scans per second. <i>Optics Express</i> , 2010, 18, 20029.	3.4	469

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145	Photothermal optical coherence tomography in ex vivo human breast tissues using gold nanoshells. Optics Letters, 2010, 35, 700.	3.3	86
146	Recent advances in Cr: Colquiriite laser technology. , 2009, , .		0
147	Effective treatment of chronic radiation proctitis using radiofrequency ablation. Therapeutic Advances in Gastroenterology, 2009, 2, 149-156.	3.2	80
148	Three-dimensional endomicroscopy of the human colon using optical coherence tomography. Optics Express, 2009, 17, 784.	3.4	139
149	Three-dimensional ultrahigh resolution optical coherence tomography imaging of age-related macular degeneration. Optics Express, 2009, 17, 4046.	3.4	43
150	W1054 Radiofrequency Ablation with BARRx Halo90 Effectively Treated Chronic Radiation Proctitis As Confirmed with Endoscopic Three-Dimensional Optical Coherence Tomography. Gastroenterology, 2009, 136, A-644.	1.3	1
151	Future of Optical Coherence Tomography: Ultrahigh-Resolution Versus Standard-Resolution OCT. , 2009, , 431-437.		0
152	High-resolution optical coherence tomography imaging of the living kidney. Laboratory Investigation, 2008, 88, 441-449.	3.7	65
153	State-of-the-art retinal optical coherence tomography. Progress in Retinal and Eye Research, 2008, 27, 45-88.	15.5	734
154	Ultrahigh speed Spectral / Fourier domain OCT ophthalmic imaging at 70,000 to 312,500 axial scans per second. Optics Express, 2008, 16, 15149.	3.4	429
155	High-power, diode-pumped modelocked Cr <sup>3+</sup> :LiCAF laser. , 2008, , .		0
156	Submicron-Period Waveguide Bragg Gratings Direct Written by an 800-nm Femtosecond Oscillator. , 2007, , .		2
157	Benign and Malignant Lesions in the Human Breast Depicted with Ultrahigh Resolution and Three-dimensional Optical Coherence Tomography. Radiology, 2007, 244, 865-874.	7.3	93
158	Femtosecond laser fabrication of directional couplers and Mach-Zehnder interferometers. , 2007, , .		0
159	Fourier Domain Mode Locking (FDML) in the non-zero dispersion regime: A laser for ultrahigh-speed retinal OCT imaging at 236kHz line rate. , 2007, , .		0
160	Real-Time Imaging of Biological Tissues using High Resolution Line-Scanning Optical Coherence Microscopy. , 2007, , .		0
161	Microbend Gratings Fabricated in Glass Substrates via Direct Writing with Near-Infrared Femtosecond Pulses. , 2007, , .		0
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