Cynthia Ann Toth

List of Publications by Year
in descending order

313	18,737	15466 65	16605 123
papers	citations	h-index	g-index

320	320	320	10042
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ranibizumab and Bevacizumab for Treatment of Neovascular Age-related Macular Degeneration. Ophthalmology, 2012, 119, 1388-1398.	2.5	1,550
2	LuteinÂ+ÂZeaxanthin and Omega-3 Fatty Acids for Age-Related Macular Degeneration. JAMA - Journal of the American Medical Association, 2013, 309, 2005.	3.8	1,007
3	Automatic segmentation of seven retinal layers in SDOCT images congruent with expert manual segmentation. Optics Express, 2010, 18, 19413.	1.7	639
4	Five-Year Outcomes with Antiâ€"Vascular Endothelial Growth Factor Treatment of Neovascular Age-Related Macular Degeneration. Ophthalmology, 2016, 123, 1751-1761.	2.5	541
5	Risk of Geographic Atrophy in the Comparison of Age-related Macular Degeneration Treatments Trials. Ophthalmology, 2014, 121, 150-161.	2.5	483
6	Secondary Analyses of the Effects of Lutein/Zeaxanthin on Age-Related Macular Degeneration Progression. JAMA Ophthalmology, 2014, 132, 142.	1.4	330
7	Fibrin Directs Early Retinal Damage After Experimental Subretinal Hemorrhage. JAMA Ophthalmology, 1991, 109, 723.	2.6	305
8	Quantitative Classification of Eyes with and without Intermediate Age-related Macular Degeneration Using Optical Coherence Tomography. Ophthalmology, 2014, 121, 162-172.	2.5	280
9	International Classification of Retinopathy of Prematurity, Third Edition. Ophthalmology, 2021, 128, e51-e68.	2.5	280
10	Baseline Predictors for One-Year Visual Outcomes with Ranibizumab or Bevacizumab for Neovascular Age-related Macular Degeneration. Ophthalmology, 2013, 120, 122-129.	2.5	268
11	A Comparison of Retinal Morphology Viewed by Optical Coherence Tomography and by Light Microscopy. JAMA Ophthalmology, 1997, 115, 1425.	2.6	260
12	Photoreceptor Layer Thinning over Drusen in Eyes with Age-Related Macular Degeneration Imaged In Vivo with Spectral-Domain Optical Coherence Tomography. Ophthalmology, 2009, 116, 488-496.e2.	2.5	251
13	Apolipoprotein E allele-dependent pathogenesis: A model for age-related retinal degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11900-11905.	3.3	250
14	Risk of Scar in the Comparison of Age-related Macular Degeneration Treatments Trials. Ophthalmology, 2014, 121, 656-666.	2.5	232
15	Histologic Development of the Human Fovea From Midgestation to Maturity. American Journal of Ophthalmology, 2012, 154, 767-778.e2.	1.7	228
16	Macular Morphology and Visual Acuity in the Comparison of Age-related Macular Degeneration Treatments Trials. Ophthalmology, 2013, 120, 1860-1870.	2.5	226
17	Sparsity based denoising of spectral domain optical coherence tomography images. Biomedical Optics Express, 2012, 3, 927.	1.5	225
18	Dry Age-Related Macular Degeneration: Mechanisms, Therapeutic Targets, and Imaging. , 2013, 54, ORSF68.		218

#	Article	IF	Citations
19	Pars plana vitrectomy, subretinal injection of tissue plasminogen activator, and fluidâ€“gas exchange for displacement of thick submacular hemorrhage in age-related macular degeneration. American Journal of Ophthalmology, 2001, 131, 208-215.	1.7	214
20	Progression of Intermediate Age-related Macular Degeneration with Proliferation and Inner Retinal Migration of Hyperreflective Foci. Ophthalmology, 2013, 120, 1038-1045.	2.5	208
21	Validated Automatic Segmentation of AMD Pathology Including Drusen and Geographic Atrophy in SD-OCT Images. , 2012, 53, 53.		204
22	Optimizing Hand-held Spectral Domain Optical Coherence Tomography Imaging for Neonates, Infants, and Children. , 2010, 51, 2678.		193
23	Maturation of the Human Fovea: Correlation of Spectral-Domain Optical Coherence Tomography Findings With Histology. American Journal of Ophthalmology, 2012, 154, 779-789.e2.	1.7	193
24	A systems biology approach towards understanding and treating non-neovascular age-related macular degeneration. Nature Communications, 2019, 10, 3347.	5.8	192
25	Fast Acquisition and Reconstruction of Optical Coherence Tomography Images via Sparse Representation. IEEE Transactions on Medical Imaging, 2013, 32, 2034-2049.	5.4	191
26	Dynamics of Human Foveal Development after Premature Birth. Ophthalmology, 2011, 118, 2315-2325.	2.5	189
27	Macular Morphology and Visual Acuity inÂtheÂSecond Year of the Comparison of Age-RelatedÂMacular Degeneration Treatments Trials. Ophthalmology, 2016, 123, 865-875.	2.5	181
28	Intraoperative spectral domain optical coherence tomography for vitreoretinal surgery. Optics Letters, 2010, 35, 3315.	1.7	172
29	Vision-related quality of life in patients with bilateral severe age-related macular degeneration. Ophthalmology, 2005, 112, 152-158.	2.5	171
30	DIAGNOSIS OF VITREORETINAL ADHESIONS IN MACULAR DISEASE WITH OPTICAL COHERENCE TOMOGRAPHY. Retina, 2000, 20, 115-120.	1.0	169
31	Insights into Advanced Retinopathy of Prematurity Using Handheld Spectral Domain Optical Coherence Tomography Imaging. Ophthalmology, 2009, 116, 2448-2456.	2.5	165
32	INTRAOPERATIVE USE OF HANDHELD SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY IMAGING IN MACULAR SURGERY. Retina, 2009, 29, 1457-1468.	1.0	165
33	Integration of a Spectral Domain Optical Coherence Tomography System into a Surgical Microscope for Intraoperative Imaging. , 2011, 52, 3153.		165
34	Imaging the Infant Retina with a Hand-held Spectral-Domain Optical Coherence Tomography Device. American Journal of Ophthalmology, 2009, 147, 364-373.e2.	1.7	164
35	Drusen Ultrastructure Imaging with Spectral Domain Optical Coherence Tomography in Age-related Macular Degeneration. Ophthalmology, 2008, 115, 1883-1890.e1.	2.5	159
36	Incidence and Growth of Geographic Atrophy during 5 Years of Comparison of Age-Related Macular Degeneration Treatments Trials. Ophthalmology, 2017, 124, 97-104.	2.5	158

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37	Macular Morphology and Visual Acuity in Year Five of the Comparison of Age-related Macular Degeneration Treatments Trials. Ophthalmology, 2019, 126, 252-260.	2.5	153
38	Subretinal Hyperreflective Material in the Comparison of Age-Related Macular Degeneration Treatments Trials. Ophthalmology, 2015, 122, 1846-1853.e5.	2.5	144
39	Spectral Domain Optical Coherence Tomography Imaging of Geographic Atrophy Margins. Ophthalmology, 2009, 116, 1762-1769.	2.5	125
40	Abnormal Foveal Morphology in Ocular Albinism Imaged With Spectral-Domain Optical Coherence Tomography. JAMA Ophthalmology, 2009, 127, 37.	2.6	124
41	Efficacy of Intravitreal Ocriplasmin for Treatment of Vitreomacular Adhesion. Ophthalmology, 2015, 122, 117-122.	2.5	120
42	Lutein/Zeaxanthin for the Treatment of Age-Related Cataract. JAMA Ophthalmology, 2013, 131, 843.	1.4	119
43	Review of intraoperative optical coherence tomography: technology and applications [Invited]. Biomedical Optics Express, 2017, 8, 1607.	1.5	119
44	Histopathologic and Ultrastructural Features of Surgically Excised Subfoveal Choroidal Neovascular Lesions. JAMA Ophthalmology, 2005, 123, 914.	2.6	112
45	Decreased Visual Acuity Associated With Cystoid Macular Edema in Neovascular Age-related Macular Degeneration. JAMA Ophthalmology, 2002, 120, 731.	2.6	109
46	Spectral-Domain Optical Coherence Tomography Characteristics of Intermediate Age-related Macular Degeneration. Ophthalmology, 2013, 120, 140-150.	2.5	107
47	MACULAR FEATURES FROM SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY AS AN ADJUNCT TO INDIRECT OPHTHALMOSCOPY IN RETINOPATHY OF PREMATURITY. Retina, 2011, 31, 1470-1482.	1.0	106
48	MACULAR TRANSLOCATION WITH 360-DEGREE PERIPHERAL RETINECTOMY. Retina, 2001, 21, 293-303.	1.0	101
49	Quantitative Comparison of Drusen Segmented on SD-OCT versus Drusen Delineated on Color Fundus Photographs. , 2010, 51, 4875.		99
50	Spectral-Domain Optical Coherence Tomographic Assessment of Severity of Cystoid Macular Edema in Retinopathy of Prematurity. JAMA Ophthalmology, 2012, 130, 569-78.	2.6	98
51	Characterization of the Choroid-Scleral Junction and Suprachoroidal Layer in Healthy Individuals on Enhanced-Depth Imaging Optical Coherence Tomography. JAMA Ophthalmology, 2014, 132, 174.	1.4	93
52	Drusen Volume and Retinal Pigment Epithelium Abnormal Thinning Volume Predict 2-Year Progression of Age-Related Macular Degeneration. Ophthalmology, 2016, 123, 39-50.e1.	2.5	92
53	Change in visual function after macular translocation with 360Â° retinectomy for neovascular age-related macular degeneration. Ophthalmology, 2004, 111, 1715-1724.	2.5	90
54	PRECLINICAL EVALUATION AND INTRAOPERATIVE HUMAN RETINAL IMAGING WITH A HIGH-RESOLUTION MICROSCOPE-INTEGRATED SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY DEVICE. Retina, 2013, 33, 1328-1337.	1.0	87

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55	Association of Baseline Characteristics and Early Vision Response with 2-Year Vision Outcomes in the Comparison of AMD Treatments Trials (CATT). Ophthalmology, 2015, 122, 2523-2531.e1.	2.5	84
56	Visual Function Metrics in Early and Intermediate Dry Age-related Macular Degeneration for Use as Clinical Trial Endpoints. American Journal of Ophthalmology, 2018, 189, 127-138.	1.7	84
57	Diabetic Retinopathy Should Not Be a Contraindication to Thrombolytic Therapy for Acute Myocardial Infarction: Review of Ocular Hemorrhage Incidence and Location in the GUSTO-I Trial fn1fn1This study was supported by Bayer, New York, New York; CIBA-Corning, Medfield, Massachusetts; Genentech, South San Francisco, California; ICI Pharmaceuticals, Wilmington, Delaware; and Sanofi Pharmaceuticals, Paris, France. Journal of the American College of Cardiology, 1997, 29, 1606-1610.	1.2	83
58	Visualization of Real-Time Intraoperative Maneuvers with a Microscope-Mounted Spectral Domain Optical Coherence Tomography System. Retina, 2013, 33, 232-236.	1.0	83
59	Spatial Correlation between Hyperpigmentary Changes on Color Fundus Photography and Hyperreflective Foci on SDOCT in Intermediate AMD. , 2012, 53, 4626.		80
60	Visual Outcomes Following Macular Translocation With 360Â° Peripheral Retinectomy. JAMA Ophthalmology, 2002, 120, 1317.	2.6	77
61	Surgical Removal vs Observation for Subfoveal Choroidal Neovascularization,Either Associated With the Ocular Histoplasmosis Syndrome or Idiopathic. JAMA Ophthalmology, 2004, 122, 1597.	2.6	77
62	Quality of life after macular translocation with 360ï¿½ peripheral retinectomy for age-related macular degeneration. Ophthalmology, 2005, 112, 144-151.	2.5	77
63	Relationship of Central Choroidal Thickness With Age-Related Macular Degeneration Status. American Journal of Ophthalmology, 2015, 159, 617-626.e2.	1.7	77
64	Optical Coherence Tomography Predictors of Risk for Progression to Non-Neovascular Atrophic Age-Related Macular Degeneration. Ophthalmology, 2017, 124, 1764-1777.	2.5	77
65	Efficient Fourier-Wavelet Super-Resolution. IEEE Transactions on Image Processing, 2010, 19, 2669-2681.	6.0	76
66	Argon Laser Retinal Lesions Evaluated In Vivo by Optical Coherence Tomography. American Journal of Ophthalmology, 1997, 123, 188-198.	1.7	75
67	FEATURES OF MACULAR HOLE CLOSURE IN THE EARLY POSTOPERATIVE PERIOD USING OPTICAL COHERENCE TOMOGRAPHY. Retina, 2000, 20, 232-237.	1.0	75
68	Analysis of Pars Plana Vitrectomy for Optic Pitâ€“Related Maculopathy With Intraoperative Optical Coherence Tomography. JAMA Ophthalmology, 2011, 129, 1483.	2.6	73
69	Choroid Development and Feasibility of Choroidal Imaging in the Preterm and Term Infants Utilizing SD-OCT. , 2013, 54, 4140.		69
70	Optical Coherence Tomography Reflective Drusen Substructures Predict Progression to Geographic Atrophy in Age-related Macular Degeneration. Ophthalmology, 2016, 123, 2554-2570.	2.5	69
71	Delay in Retinal Photoreceptor Development in Very Preterm Compared to Term Infants. Investigative Ophthalmology and Visual Science, 2015, 56, 908-913.	3.3	68
72	CORRELATION OF PATHOLOGIC FEATURES IN SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY WITH CONVENTIONAL RETINAL STUDIES. Retina, 2008, 28, 298-308.	1.0	67

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73	Automatic segmentation of closed-contour features in ophthalmic images using graph theory and dynamic programming. Biomedical Optics Express, 2012, 3, 1127.	1.5	65
74	Peripheral Retinal Changes Associated withÂAge-Related Macular Degeneration inÂthe Age-Related Eye Disease Study 2. Ophthalmology, 2017, 124, 479-487.	2.5	65
75	The Use of Optical Coherence Tomography in Intraoperative Ophthalmic Imaging. Ophthalmic Surgery Lasers and Imaging Retina, 2011, 42, S85-94.	0.4	63
76	Ergonomic handheld OCT angiography probe optimized for pediatric and supine imaging. Biomedical Optics Express, 2019, 10, 2623.	1.5	61
77	Development and Course of Scars in the Comparison of Age-Related Macular Degeneration Treatments Trials. Ophthalmology, 2018, 125, 1037-1046.	2.5	60
78	Optical Coherence Tomography Grading Reproducibility during the Comparison of Age-related Macular Degeneration Treatments Trials. Ophthalmology, 2012, 119, 2549-2557.	2.5	59
79	Optical Coherence Tomography in Retinopathy of Prematurity. Clinics in Perinatology, 2013, 40, 271-296.	0.8	59
80	Retinal pigment epithelial tear with vitreomacular attachment: a novel pathogenic feature. , 2001, 239, 325-333.		58
81	Complement Factor H Increases Risk for Atrophic Age-Related Macular Degeneration. Ophthalmology, 2006, 113, 1504-1507.	2.5	58
82	Correction of Ocular Shape in Retinal Optical Coherence Tomography and Effect on Current Clinical Measures. American Journal of Ophthalmology, 2013, 156, 304-311.	1.7	58
83	Fully Automatic Software for Retinal Thickness in Eyes With Diabetic Macular Edema From Images Acquired by Cirrus and Spectralis Systems. , 2013, 54, 7595.		58
84	VISUAL FUNCTION MEASURES IN EARLY AND INTERMEDIATE AGE-RELATED MACULAR DEGENERATION. Retina, 2016, 36, 1021-1031.	1.0	58
85	Evaluation of Minimum Clinically Meaningful Changes in Scores on the National Eye Institute Visual Function Questionnaire (NEI-VFQ) SST Report Number 19. Ophthalmic Epidemiology, 2007, 14, 205-215.	0.8	57
86	Age-Related Changes in Vitreous Mobility as Measured by Video B Scan Ultrasound. Experimental Eye Research, 2002, 74, 173-180.	1.2	55
87	Recurrence of Retinal Pigment Epithelial Changes After Macular Translocation With 360Â° Peripheral Retinectomy for Geographic Atrophy. JAMA Ophthalmology, 2005, 123, 935.	2.6	55
88	IDENTIFICATION OF FLUID ON OPTICAL COHERENCE TOMOGRAPHY BY TREATING OPHTHALMOLOGISTS VERSUS A READING CENTER IN THE COMPARISON OF AGE-RELATED MACULAR DEGENERATION TREATMENTS TRIALS. Retina, 2015, 35, 1303-1314.	1.0	54
89	Thinner Retinal Nerve Fiber Layer in Very Preterm Versus Term Infants and Relationship to Brain Anatomy and Neurodevelopment. American Journal of Ophthalmology, 2015, 160, 1296-1308.e2.	1.7	54
90	Outer Retinal Tubulation in the Comparison of Age-Related Macular Degeneration Treatments Trials (CATT). Ophthalmology, 2014, 121, 2423-2431.	2.5	53

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91	Enhanced volumetric visualization for real time 4D intraoperative ophthalmic swept-source OCT. Biomedical Optics Express, 2016, 7, 1815.	1.5	52
92	Retinal Imaging of Infants on Spectral Domain Optical Coherence Tomography. BioMed Research International, 2015, 2015, 1-12.	0.9	49
93	Real-Time Microscope-Integrated OCT to Improve Visualization in DSAEK for Advanced Bullous Keratopathy. Cornea, 2015, 34, 1606-1610.	0.9	48
94	Influence of the Vitreomacular Interface on Treatment Outcomes in the Comparison ofÂAge-Related Macular Degeneration Treatments Trials. Ophthalmology, 2015, 122, 1203-1211.	2.5	48
95	Unprocessed real-time imaging of vitreoretinal surgical maneuvers using a microscope-integrated spectral-domain optical coherence tomography system. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 213-220.	1.0	47
96	Evaluation of Optic Nerve Development in Preterm and Term Infants Using Handheld Spectral-Domain Optical Coherence Tomography. Ophthalmology, 2014, 121, 1818-1826.	2.5	47
97	Retinal damage and laser-induced breakdown produced by ultrashort-pulse lasers. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, S28-S37.	1.0	46
98	Three-Dimensional Assessment of Vascular and Perivascular Characteristics in Subjects with Retinopathy of Prematurity. Ophthalmology, 2014, 121, 1289-1296.	2.5	46
99	Longitudinal Associations Between Microstructural Changes and Microperimetry in the Early Stages of Age-Related Macular Degeneration. , 2016, 57, 3714.		46
100	ELECTRON IMMUNOCYTOCHEMICAL ANALYSIS OF POSTERIOR HYALOID ASSOCIATED WITH DIABETIC MACULAR EDEMA. Retina, 2000, 20, 63-68.	1.0	44
101	Relating Retinal Morphology and Function in Aging and Early to Intermediate Age-related Macular Degeneration Subjects. American Journal of Ophthalmology, 2016, 165, 65-77.	1.7	43
102	Macular translocation: unifying concepts, terminology, and classification11See also pp. 270â€“275.. American Journal of Ophthalmology, 2001, 131, 244-253.	1.7	42
103	Subfoveal Fluid in Healthy Full-term Newborns Observed by Handheld Spectral-Domain Optical Coherence Tomography. American Journal of Ophthalmology, 2012, 153, 167-175.e3.	1.7	42
104	Poorer Neurodevelopmental Outcomes Associated with Cystoid Macular Edema Identified in Preterm Infants in the Intensive Care Nursery. Ophthalmology, 2015, 122, 610-619.	2.5	42
105	Baseline Predictors for Five-Year Visual Acuity Outcomes in the Comparison of AMD Treatment Trials. Ophthalmology Retina, 2018, 2, 525-530.	1.2	42
106	Ultramicrosurgical Removal of Subretinal Hemorrhage in Cats. American Journal of Ophthalmology, 1992, 113, 175-182.	1.7	41
107	Assessment of Macular Microvasculature in Healthy Eyes of Infants and Children Using OCT Angiography. Ophthalmology, 2019, 126, 1703-1711.	2.5	41
108	Improvement in near visual function after macular translocation surgery with 360-degree peripheral retinectomy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 541-548.	1.0	40

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109	In vivo cellular-resolution retinal imaging in infants and children using an ultracompact handheld probe. Nature Photonics, 2016, 10, 580-584.	15.6	40
110	Novel microscope-integrated stereoscopic heads-up display for intrasurgical optical coherence tomography. Biomedical Optics Express, 2016, 7, 1711.	1.5	40
111	Effect of INS37217, a P2Y(2) receptor agonist, on experimental retinal detachment and electroretinogram in adult rabbits. Investigative Ophthalmology and Visual Science, 2002, 43, 3567-74.	3.3	40
112	Long-term Outcomes of Adding Lutein/Zeaxanthin and Ï‰-3 Fatty Acids to the AREDS Supplements on Age-Related Macular Degeneration Progression. JAMA Ophthalmology, 2022, 140, 692.	1.4	40
113	Clinicopathologic Correlation of Spontaneous Retinal Pigment Epithelial Tears with Choroidal Neovascular Membranes in Agerelated Macular Degeneration. Ophthalmology, 1995, 102, 272-277.	2.5	38
114	Combined superior oblique muscle recession and inferior oblique muscle advancement and transposition for cyclotorsion associated with macular translocation surgery. Journal of AAPOS, 2000, 4, 75-83.	0.2	38
115	Spectral-Domain OCT Findings of Retinal Vascularâ€“Avascular Junction in Infants with Retinopathy of Prematurity. Ophthalmology Retina, 2018, 2, 963-971.	1.2	38
116	Dislocation of the Donor Graft to the Posterior Segment in Descemet Stripping Automated Endothelial Keratoplasty. American Journal of Ophthalmology, 2012, 153, 638-642.e2.	1.7	37
117	Optical Coherence Tomography for Retinal Surgery: Perioperative Analysis to Real-Time Four-Dimensional Image-Guided Surgery. , 2016, 57, OCT37.		36
118	Ranibizumab and Bevacizumab for Treatment of Neovascular Age-related Macular Degeneration. Ophthalmology, 2020, 127, S135-S145.	2.5	36
119	Development and characterization of a vitreous mimicking material for radiation force imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2002, 49, 1543-1551.	1.7	35
120	Optical Coherence Tomography Reader Agreement in Neovascular Age-related Macular Degeneration. American Journal of Ophthalmology, 2007, 144, 37-44.e1.	1.7	35
121	Microscope-Integrated Optical Coherence Tomography Angiography in the Operating Room in Young Children With Retinal Vascular Disease. JAMA Ophthalmology, 2017, 135, 483.	1.4	35
122	Nonlinear refraction in vitreous humor. Optics Letters, 1993, 18, 1792.	1.7	34
123	Comparison of Optical Coherence Tomography Assessments in the Comparison of Age-Related Macular Degeneration Treatments Trials. Ophthalmology, 2014, 121, 1956-1965.e2.	2.5	34
124	Comparison of Visual Outcomes in Coats' Disease. Ophthalmology, 2017, 124, 1368-1376.	2.5	34
125	Clinicopathologic Studies of Eyes That Were Obtained Postmortem From Four Patients Who Were Enrolled in the Submacular Surgery Trials: SST Report No. 16. American Journal of Ophthalmology, 2006, 141, 93-104.e1.	1.7	33
126	Intrasurgical Human Retinal Imaging With Manual Instrument Tracking Using a Microscope-Integrated Spectral-Domain Optical Coherence Tomography Device. Translational Vision Science and Technology, 2015, 4, 1.	1.1	33

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127	Characterization of Vitreoretinal Interface Disorders Using OCT in the Interventional Phase 3 Trials of Ocriplasmin. , 2012, 53, 6504.		32
128	Impact of Microscope-Integrated OCT on Ophthalmology Resident Performance of Anterior Segment Surgical Maneuvers in Model Eyes. , 2016, 57, OCT146.		32
129	Needle Depth and Big-Bubble Success in Deep Anterior Lamellar Keratoplasty. Cornea, 2016, 35, 1471-1477.	0.9	32
130	Mutational Hot Spot Potential of a Novel Base Pair Mutation of the CSPG2 Gene in a Family With Wagner Syndrome. JAMA Ophthalmology, 2009, 127, 1511.	2.6	30
131	Evaluation of Contrast Agents for Enhanced Visualization in Optical Coherence Tomography. , 2010, 51, 6614.		30
132	Intraocular laser surgical probe for membrane disruption by laser-induced breakdown. Applied Optics, 1997, 36, 1684.	2.1	29
133	Macular OCT Characteristics at 36 Weeksâ€™ Postmenstrual Age in Infants Examined for Retinopathy of Prematurity. Ophthalmology Retina, 2021, 5, 580-592.	1.2	29
134	RGD peptide-assisted vitrectomy to facilitate induction of a posterior vitreous detachment: A new principle in pharmacological vitreolysis. Current Eye Research, 2002, 25, 333-340.	0.7	28
135	Macular translocation surgery with 360-degree peripheral retinectomy following ocular photodynamic therapy of choroidal neovascularization. American Journal of Ophthalmology, 2003, 136, 830-835.	1.7	28
136	Image Inversion Spectral-Domain Optical Coherence Tomography Optimizes Choroidal Thickness and Detail through Improved Contrast. , 2012, 53, 1874.		28
137	ASSESSMENT OF THE RETINAL STRUCTURE IN CHILDREN WITH INCONTINENTIA PIGMENTI. Retina, 2017, 37, 1568-1574.	1.0	28
138	Imaging Infant Retinal Vasculature with OCT Angiography. Ophthalmology Retina, 2019, 3, 95-96.	1.2	28
139	SUCCESSFUL MACULAR TRANSLOCATION WITH TEMPORARY SCLERAL INFOLDING USING ABSORBABLE SUTURE. Retina, 2001, 21, 304-311.	1.0	27
140	Fast detection and segmentation of drusen in retinal optical coherence tomography images. Proceedings of SPIE, 2008, , .	0.8	27
141	Ocular Safety of Recreational Lasers. JAMA Ophthalmology, 2014, 132, 245.	1.4	27
142	Comparison of Optical Coherence Tomography With Fundus Photographs, Fluorescein Angiography, and Histopathologic Analysis in Assessing Coats Disease. JAMA Ophthalmology, 2019, 137, 176.	1.4	27
143	Strabismus surgery for large-angle cyclotorsion after macular translocation surgery. Journal of AAPOS, 2002, 6, 154-162.	0.2	26
144	Radial Optic Neurotomy in the Porcine Eye Without Retinal Vein Occlusion. JAMA Ophthalmology, 2004, 122, 1185.	2.6	26

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145	Lateral and axial measurement differences between spectral-domain optical coherence tomography systems. Journal of Biomedical Optics, 2014, 19, 016014.	1.4	26
146	SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY CHARACTERIZATION OF PEDIATRIC EPIRETINAL MEMBRANES. Retina, 2014, 34, 1323-1334.	1.0	26
147	Assessment of Retinal Nerve Fiber Layer Thickness in Healthy, Full-Term Neonates. American Journal of Ophthalmology, 2015, 159, 803-811.e2.	1.7	26
148	Association of Low Luminance Questionnaire With Objective Functional Measures in Early and Intermediate Age-Related Macular Degeneration. , 2018, 59, 289.		26
149	Handheld adaptive optics scanning laser ophthalmoscope. Optica, 2018, 5, 1027.	4.8	26
150	Longitudinal Study of Visual Function in Dry Age-Related Macular Degeneration at 12 Months. Ophthalmology Retina, 2019, 3, 637-648.	1.2	26
151	Macular Translocation With 360Â° Peripheral Retinectomy for Geographic Atrophy. JAMA Ophthalmology, 2003, 121, 132.	2.6	25
152	ASSOCIATION BETWEEN ANATOMICAL RESOLUTION AND FUNCTIONAL OUTCOMES IN THE MIVI-TRUST STUDIES USING OCRIPLASMIN TO TREAT SYMPTOMATIC VITREOMACULAR ADHESION/VITREOMACULAR TRACTION, INCLUDING WHEN ASSOCIATED WITH MACULAR HOLE. Retina, 2015, 35, 1151-1157.	1.0	25
153	Reversible retinal edema in an infant with neonatal hemochromatosis and liver failure. Journal of AAPOS, 2011, 15, 91-93.	0.2	24
154	Volumetric Measurement of Subretinal Blebs Using Microscope-Integrated Optical Coherence Tomography. Translational Vision Science and Technology, 2018, 7, 19.	1.1	24
155	Assessment of Retinal Morphology with Spectral and Time Domain OCT in the Phase III Trials of Enzymatic Vitreolysis. , 2012, 53, 7395.		23
156	Racial variation in optic nerve head parameters quantified in healthy newborns by handheld spectral domain optical coherence tomography. Journal of AAPOS, 2013, 17, 501-506.	0.2	23
157	FUNCTIONAL OUTCOMES OF YOUNG INFANTS WITH AND WITHOUT MACULAR EDEMA. Retina, 2015, 35, 2018-2027.	1.0	23
158	HANDHELD SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY IMAGING THROUGH THE UNDILATED PUPIL IN INFANTS BORN PRETERM OR WITH HYPOXIC INJURY OR HYDROCEPHALUS. Retina, 2018, 38, 1588-1594.	1.0	23
159	Macular Microvascular Findings in Familial Exudative Vitreoretinopathy on Optical Coherence Tomography Angiography. Ophthalmic Surgery Lasers and Imaging Retina, 2019, 50, 322-329.	0.4	23
160	Artificial Intelligence for Retinopathy of Prematurity. Ophthalmology, 2022, 129, e69-e76.	2.5	23
161	Ultrashort laser pulse bioeffects and safety. Journal of Laser Applications, 1999, 11, 42-44.	0.8	22
162	TREATMENT OF NONâ€“AGE-RELATED MACULAR DEGENERATION SUBMACULAR DISEASES WITH MACULAR TRANSLOCATION SURGERY. Retina, 2011, 31, 1337-1346.	1.0	22

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