Cynthia Ann Toth

List of Publications by Year in Descending Order

293 papers	14,310 citations	61 h-index	112 g-index
320 ext. papers	16,758 ext. citations	4.5 avg, IF	6.65 L-index

#	Paper	IF	Citations
293	Evaluating the association of clinical factors and optical coherence tomography retinal imaging with axial length and axial length growth among preterm infants. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2021**, 259, 2661-2669	3.8	0
292	Preterm Infant Stress During Handheld Optical Coherence Tomography vs Binocular Indirect Ophthalmoscopy Examination for Retinopathy of Prematurity. *JAMA Ophthalmology*, **2021**, 139, 567-574	7.9	5
291	Local Anatomic Precursors to New-Onset Geographic Atrophy in Age-Related Macular Degeneration as Defined on OCT. *Ophthalmology Retina*, **2021**, 5, 396-408	3.8	2
290	Macular OCT Characteristics at 36 Weeks' Postmenstrual Age in Infants Examined for Retinopathy of Prematurity. *Ophthalmology Retina*, **2021**, 5, 580-592	3.8	13
289	Systemic Factors Associated with a Thinner Choroid in Preterm Infants. *Ophthalmology Science*, **2021**, 1, 100032		1
288	Microscope-Integrated OCT-Guided Volumetric Measurements of Subretinal Blebs Created by a Suprachoroidal Approach. *Translational Vision Science and Technology*, **2021**, 10, 24	3.3	1
287	COMBINED INTERNAL LIMITING MEMBRANE FLAP AND AUTOLOGOUS PLASMA CONCENTRATE TO CLOSE A LARGE TRAUMATIC MACULAR HOLE IN A PEDIATRIC PATIENT. *Retinal Cases and Brief Reports*, **2021**, 15, 107-109	1.1	5
286	Lightweight Learning-Based Automatic Segmentation of Subretinal Blebs on Microscope-Integrated Optical Coherence Tomography Images. *American Journal of Ophthalmology* , **2021**, 221, 154-168	4.9	2
285	Localized Optical Coherence Tomography Precursors of Macular Atrophy and Fibrotic Scar in the Comparison of Age-Related Macular Degeneration Treatments Trials. *American Journal of Ophthalmology*, **2021**, 223, 338-347	4.9	1
284	Birth Weight Is a Significant Predictor of Retinal Nerve Fiber Layer Thickness at 36 Weeks Postmenstrual Age in Preterm Infants. *American Journal of Ophthalmology*, **2021**, 222, 41-53	4.9	4
283	Foveal Development in Retinopathy of Prematurity **2021**, 123-134		
282	Foveal Differentiation and Inner Retinal Displacement Are Arrested in Extremely Premature Infants **2021**, 62, 25		5
281	An Evaluation of the Microvasculature of Macular Nodules in Coats Disease Using Optical Coherence Tomography Angiography: A Report of 3 Cases. *Journal of Vitreoretinal Diseases*, **2021**, 5, 431-437	0.7	
280	Depth-Resolved Visualization of Perifoveal Retinal Vasculature in Preterm Infants Using Handheld Optical Coherence Tomography Angiography. *Translational Vision Science and Technology*, **2021**, 10, 10	3.3	1
279	Relationship of Topographic Distribution of Geographic Atrophy to Visual Acuity in Nonexudative Age-Related Macular Degeneration. *Ophthalmology Retina*, **2021**, 5, 761-774	3.8	5
278	Associations between systemic health and retinal nerve fibre layer thickness in preterm infants at 36 weeks postmenstrual age. *British Journal of Ophthalmology*, **2021**,	5.5	1
277	International Classification of Retinopathy of Prematurity, Third Edition. *Ophthalmology*, **2021**, 128, e51-e68	7.9	44

276	Predominantly Persistent Subretinal Fluid in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology Retina*, **2021**, 5, 962-974	3.8	3
275	Subclinical Retinal versus Brain Findings in Infants with Hypoxic Ischemic Encephalopathy. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2020**, 258, 2039-2049	3.8	3
274	Ranibizumab and Bevacizumab for Treatment of Neovascular Age-related Macular Degeneration: Two-Year Results. *Ophthalmology*, **2020**, 127, S135-S145	7.3	18
273	Introduction to OCT Imaging in Infants and Children **2020**, 2-3		
272	OCT and OCTA Image Capture in the Nursery, Clinic, and Operating Room **2020**, 18-27		0
271	Introduction to Age-Dependent Features in Pediatric OCT Imaging **2020**, 56-57		
270	Characteristics of Eyes With Good Visual Acuity at 5 Years After Initiation of Treatment for Age-Related Macular Degeneration but Not Receiving Treatment From Years 3 to 5: Post Hoc Analysis of the CATT Randomized Clinical Trial. *JAMA Ophthalmology*, **2020**, 138, 276-284	3.9	2
269	Familial Exudative Vitreoretinopathy and Norrie Disease **2020**, 138-144		
268	Incidence and Progression of Nongeographic Atrophy in the Comparison of Age-Related Macular Degeneration Treatments Trials (CATT) Clinical Trial. *JAMA Ophthalmology*, **2020**, 138, 510-518	3.9	6
267	Natural history of central sparing in geographic atrophy secondary to non-exudative age-related macular degeneration. *British Journal of Ophthalmology*, **2020**,	5.5	4
266	OCULAR MANIFESTATIONS OF PORETTI-BOLTSHAUSER SYNDROME: FINDINGS FROM MULTIMODAL IMAGING AND ELECTROPHYSIOLOGY. *Retinal Cases and Brief Reports*, **2020**,	1.1	2
265	Incontinentia Pigmenti **2020**, 145-148		
264	Appearance of pediatric choroidal neovascular membranes on optical coherence tomography angiography. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2020**, 258, 89-98	3.8	6
263	Differentiating Retinal Detachment and Retinoschisis Using Handheld Optical Coherence Tomography in Stage 4 Retinopathy of Prematurity. *JAMA Ophthalmology*, **2020**, 138, 81-85	3.9	10
262	HANDHELD SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY FINDINGS OF X-LINKED RETINOSCHISIS IN EARLY CHILDHOOD. *Retina*, **2020**, 40, 1996-2003	3.6	9
261	Aphakic contact lens use for improved handheld optical coherence tomography imaging in pediatric aphakic patients. *Journal of AAPOS*, **2020**, 24, 238-239	1.3	
260	Repeatability and Reproducibility of Axial and Lateral Measurements on Handheld Optical Coherence Tomography Systems Compared with Tabletop System. *Translational Vision Science and Technology*, **2020**, 9, 25	3.3	5
259	Slow progressive perifoveal vascular formation in an infant with aggressive posterior retinopathy of prematurity. *Journal of AAPOS*, **2020**, 24, 323-326	1.3	3

258	Morphological characteristics of early- versus late-onset macular edema in preterm infants. *Journal of AAPOS*, **2020**, 24, 303-306	1.3	1
257	Auto-Processed Retinal Vessel Shadow View Images From Bedside Optical Coherence Tomography to Evaluate Plus Disease in Retinopathy of Prematurity. *Translational Vision Science and Technology*, **2020**, 9, 16	3.3	3
256	Assessment of Macular Microvasculature in Healthy Eyes of Infants and Children Using OCT Angiography. *Ophthalmology*, **2019**, 126, 1703-1711	7.3	24
255	Five-Year Follow-up of Nonfibrotic Scars in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2019**, 126, 743-751	7.3	14
254	Vascular Findings in a Small Retinoblastoma Tumor Using OCT Angiography. *Ophthalmology Retina*, **2019**, 3, 194-195	3.8	9
253	Handheld Optical Coherence Tomography Normative Inner Retinal Layer Measurements for Children . *American Journal of Ophthalmology*, **2019**, 207, 232-239	4.9	6
252	Distribution of OCT Features within Areas of Macular Atrophy or Scar after 2 Years of Anti-VEGF Treatment for Neovascular AMD in CATT. *Ophthalmology Retina*, **2019**, 3, 316-325	3.8	10
251	Best Clinical Practice for Age-Related Macular Degeneration Imaging. *Journal of Vitreoretinal Diseases*, **2019**, 3, 167-171	0.7	2
250	Three-dimensional pattern of extraretinal neovascular development in retinopathy of prematurity. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2019**, 257, 677-688	3.8	5
249	Imaging Infant Retinal Vasculature with OCT Angiography. *Ophthalmology Retina*, **2019**, 3, 95-96	3.8	20
248	Subfoveal Lucency after Treatment of Vitreomacular Traction without Macular Hole in the Phase 3 Trials of Ocriplasmin Vitreolysis. *Ophthalmology Retina*, **2019**, 3, 42-52	3.8	2
247	Demonstration of anatomical development of the human macula within the first 5 years of life using handheld OCT. *International Ophthalmology*, **2019**, 39, 1533-1542	2.2	8
246	Longitudinal Study of Visual Function in Dry Age-Related Macular Degeneration at 12 Months. *Ophthalmology Retina*, **2019**, 3, 637-648	3.8	20
245	A systems biology approach towards understanding and treating non-neovascular age-related macular degeneration. *Nature Communications*, **2019**, 10, 3347	17.4	104
244	Capturing Macular Vascular Development in an Infant With Retinopathy of Prematurity. *JAMA Ophthalmology*, **2019**, 137, 1083-1086	3.9	3
243	Ergonomic handheld OCT angiography probe optimized for pediatric and supine imaging. *Biomedical Optics Express*, **2019**, 10, 2623-2638	3.5	34
242	Experimental Evidence Behind Clinical Trial Outcomes in Retinopathy of Prematurity. *Ophthalmic Surgery Lasers and Imaging Retina*, **2019**, 50, 228-234	1.4	3
241	Macular Microvascular Findings in Familial Exudative Vitreoretinopathy on Optical Coherence Tomography Angiography. *Ophthalmic Surgery Lasers and Imaging Retina*, **2019**, 50, 322-329	1.4	15

240	Understanding the variability of handheld spectral-domain optical coherence tomography measurements in supine infants. *PLoS ONE*, **2019**, 14, e0225960	3.7	4
239	Four-Dimensional Microscope-Integrated Optical Coherence Tomography Guidance in a Model Eye Subretinal Surgery. *Retina*, **2019**, 39 Suppl 1, S194-S198	3.6	3
238	Comparison of Optical Coherence Tomography With Fundus Photographs, Fluorescein Angiography, and Histopathologic Analysis in Assessing Coats Disease. *JAMA Ophthalmology*, **2019**, 137, 176-183	3.9	19
237	Macular Morphology and Visual Acuity in Year Five of the Comparison of Age-related Macular Degeneration Treatments Trials. *Ophthalmology*, **2019**, 126, 252-260	7.3	83
236	Development of a Retinopathy of Prematurity Activity Scale and Clinical Outcome Measures for Use in Clinical Trials. *JAMA Ophthalmology*, **2019**, 137, 305-311	3.9	11
235	LONGITUDINAL CHANGES IN THE OPTIC NERVE HEAD AND RETINA OVER TIME IN VERY YOUNG CHILDREN WITH FAMILIAL EXUDATIVE VITREORETINOPATHY. *Retina*, **2019**, 39, 98-110	3.6	8
234	Fluorescein Angiographic Characteristics of Macular Edema During Infancy. *JAMA Ophthalmology*, **2018**, 136, 538-542	3.9	5
233	Development and Course of Scars in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2018**, 125, 1037-1046	7.3	37
232	Real-Time Volumetric Imaging of Vitreoretinal Surgery with a Prototype Microscope-Integrated Swept-Source OCT Device. *Ophthalmology Retina*, **2018**, 2, 401-410	3.8	8
231	Linking OCT, Angiographic, and Photographic Lesion Components in Neovascular Age-Related Macular Degeneration. *Ophthalmology Retina*, **2018**, 2, 481-493	3.8	2
230	Four-Dimensional Microscope-Integrated OCT Use in Argus II Placement. *Ophthalmology Retina*, **2018**, 2, 510-511	3.8	3
229	VISUALIZATION FROM INTRAOPERATIVE SWEPT-SOURCE MICROSCOPE-INTEGRATED OPTICAL COHERENCE TOMOGRAPHY IN VITRECTOMY FOR COMPLICATIONS OF PROLIFERATIVE DIABETIC RETINOPATHY. *Retina*, **2018**, 38 Suppl 1, S110-S120	3.6	13
228	Spectral-Domain OCT Findings of Retinal Vascular-Avascular Junction in Infants with Retinopathy of Prematurity. *Ophthalmology Retina*, **2018**, 2, 963-971	3.8	20
227	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	4.9	54
226	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	3.6	15
225	Macular Features on Spectral-Domain Optical Coherence Tomography Imaging Associated With Visual Acuity in CoatsRDisease **2018**, 59, 3161-3174		10
224	Handheld Adaptive Optics Scanning Laser Ophthalmoscope. *Optica*, **2018**, 5, 1027-1036	8.6	17
223	Volumetric Measurement of Subretinal Blebs Using Microscope-Integrated Optical Coherence Tomography. *Translational Vision Science and Technology*, **2018**, 7, 19	3.3	17

222	Baseline Predictors for Five-Year Visual Acuity Outcomes in the Comparison of AMD Treatment Trials. *Ophthalmology Retina*, **2018**, 2, 525-530	3.8	28
221	Depth-Based, Motion-Stabilized Colorization of Microscope-Integrated Optical Coherence Tomography Volumes for Microscope-Independent Microsurgery. *Translational Vision Science and Technology*, **2018**, 7, 1	3.3	3
220	Visualizing Macular Microvasculature Anomalies in 2 Infants With Treated Retinopathy of Prematurity. *JAMA Ophthalmology*, **2018**, 136, 1422-1424	3.9	10
219	Association of Low Luminance Questionnaire With Objective Functional Measures in Early and Intermediate Age-Related Macular Degeneration **2018**, 59, 289-297		21
218	Intra-operative microscope-integrated swept-source optical coherence tomography guided placement of Argus II retinal prosthesis. *Acta Ophthalmologica*, **2017**, 95, e431-e432	3.7	9
217	Visual and Morphologic Outcomes in Eyes with Hard Exudate in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology Retina*, **2017**, 1, 25-33	3.8	5
216	Peripheral Retinal Changes Associated with Age-Related Macular Degeneration in the Age-Related Eye Disease Study 2: Age-Related Eye Disease Study 2 Report Number 12 by the Age-Related Eye Disease Study 2 Optos PEripheral RetinA (OPERA) Study Research Group. *Ophthalmology*, **2017**, 124, 479-487	7.3	48
215	Recovery of Foveal Anatomy and Subfoveal Lucency after Pharmacologic and Surgical Macular Hole Closure in the Ocriplasmin Phase III Trials. *Ophthalmology Retina*, **2017**, 1, 240-248	3.8	4
214	Optical Coherence Tomography and Wide-Field Fluorescein Angiography in Retinopathy of Prematurity **2017**, 29-41		1
213	Comparison of Visual Outcomes in Coats Disease: A 20-Year Experience. *Ophthalmology*, **2017**, 124, 1368-1376	7.3	23
212	ASSESSMENT OF THE RETINAL STRUCTURE IN CHILDREN WITH INCONTINENTIA PIGMENTI. *Retina*, **2017**, 37, 1568-1574	3.6	18
211	Microscope-Integrated Optical Coherence Tomography Angiography in the Operating Room in Young Children With Retinal Vascular Disease. *JAMA Ophthalmology*, **2017**, 135, 483-486	3.9	25
210	Association of Pediatric Choroidal Neovascular Membranes at the Temporal Edge of Optic Nerve and Retinochoroidal Coloboma. *American Journal of Ophthalmology*, **2017**, 174, 104-112	4.9	11
209	Characterization of Long Working Distance Optical Coherence Tomography for Imaging of Pediatric Retinal Pathology. *Translational Vision Science and Technology*, **2017**, 6, 12	3.3	3
208	Intraoperative 4-Dimensional Microscope-Integrated Optical Coherence Tomography-Guided 27-Gauge Transvitreal Choroidal Biopsy for Choroidal Melanoma. *Retina*, **2017**, 37, 796-799	3.6	11
207	Incidence and Growth of Geographic Atrophy during 5 Years of Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2017**, 124, 97-104	7.3	113
206	Teleoperating robots from arbitrary viewpoints in surgical contexts **2017**,		3
205	Optical Coherence Tomography Predictors of Risk for Progression to Non-Neovascular Atrophic Age-Related Macular Degeneration. *Ophthalmology*, **2017**, 124, 1764-1777	7.3	57

204	Intraocular Pressure and Big Bubble Diameter in Deep Anterior Lamellar Keratoplasty: An Ex-Vivo Microscope-Integrated OCT With Heads-Up Display Study. *Asia-Pacific Journal of Ophthalmology*, **2017**, 6, 412-417	3.5	7
203	Review of intraoperative optical coherence tomography: technology and applications [Invited]. *Biomedical Optics Express*, **2017**, 8, 1607-1637	3.5	82
202	Four-dimensional Microscope-Integrated Optical Coherence Tomography to Visualize Suture Depth in Strabismus Surgery. *Journal of Pediatric Ophthalmology and Strabismus*, **2017**, 54, e1-e5	0.9	8
201	Four-dimensional microscope- integrated optical coherence tomography to enhance visualization in glaucoma surgeries. *Indian Journal of Ophthalmology*, **2017**, 65, 57-59	1.6	4
200	Optical Coherence Tomography Reflective Drusen Substructures Predict Progression to Geographic Atrophy in Age-related Macular Degeneration. *Ophthalmology*, **2016**, 123, 2554-2570	7.3	44
199	Needle Depth and Big-Bubble Success in Deep Anterior Lamellar Keratoplasty: An Ex Vivo Microscope-Integrated OCT Study. *Cornea*, **2016**, 35, 1471-1477	3.1	22
198	Novel microscope-integrated stereoscopic heads-up display for intrasurgical optical coherence tomography. *Biomedical Optics Express*, **2016**, 7, 1711-26	3.5	34
197	VISUAL FUNCTION MEASURES IN EARLY AND INTERMEDIATE AGE-RELATED MACULAR DEGENERATION. *Retina*, **2016**, 36, 1021-31	3.6	40
196	Drusen Volume and Retinal Pigment Epithelium Abnormal Thinning Volume Predict 2-Year Progression of Age-Related Macular Degeneration. *Ophthalmology*, **2016**, 123, 39-50.e1	7.3	66
195	4D microscope-integrated OCT improves accuracy of ophthalmic surgical maneuvers **2016**,		5
194	Angiographic Cystoid Macular Edema and Outcomes in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2016**, 123, 858-64	7.3	10
193	Macular Morphology and Visual Acuity in the Second Year of the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2016**, 123, 865-75	7.3	129
192	Impact of Microscope-Integrated OCT on Ophthalmology Resident Performance of Anterior Segment Surgical Maneuvers in Model Eyes **2016**, 57, OCT146-53		29
191	Optical Coherence Tomography for Retinal Surgery: Perioperative Analysis to Real-Time Four-Dimensional Image-Guided Surgery **2016**, 57, OCT37-50		27
190	Longitudinal Associations Between Microstructural Changes and Microperimetry in the Early Stages of Age-Related Macular Degeneration **2016**, 57, 3714-22		35
189	Enhanced volumetric visualization for real time 4D intraoperative ophthalmic swept-source OCT. *Biomedical Optics Express*, **2016**, 7, 1815-29	3.5	41
188	Optical coherence tomography of the preterm eye: from retinopathy of prematurity to brain development. *Eye and Brain*, **2016**, 8, 123-133	5.7	9
187	Long working distance OCT with a compact 2f retinal scanning configuration for pediatric imaging. *Optics Letters*, **2016**, 41, 4891-4894	3	2

186	MACULAR PSEUDO-HOLE IN SHAKEN BABY SYNDROME: UNDERSCORING THE UTILITY OF OPTICAL COHERENCE TOMOGRAPHY UNDER ANESTHESIA. *Retinal Cases and Brief Reports*, **2016**, 10, 283-5	1.1	6
185	Relating Retinal Morphology and Function in Aging and Early to Intermediate Age-related Macular Degeneration Subjects. *American Journal of Ophthalmology*, **2016**, 165, 65-77	4.9	31
184	Single-Nucleotide Polymorphisms Associated With Age-Related Macular Degeneration and Lesion Phenotypes in the Comparison of Age-Related Macular Degeneration Treatments Trials. *JAMA Ophthalmology*, **2016**, 134, 674-81	3.9	12
183	Five-Year Outcomes with Anti-Vascular Endothelial Growth Factor Treatment of Neovascular Age-Related Macular Degeneration: The Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2016**, 123, 1751-1761	7.3	389
182	cellular-resolution retinal imaging in infants and children using an ultracompact handheld probe. *Nature Photonics*, **2016**, 10, 580-584	33.9	30
181	Subretinal Hyperreflective Material in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2015**, 122, 1846-53.e5	7.3	96
180	Assessment of retinal nerve fiber layer thickness in healthy, full-term neonates. *American Journal of Ophthalmology*, **2015**, 159, 803-11	4.9	21
179	Relationship of central choroidal thickness with age-related macular degeneration status. *American Journal of Ophthalmology*, **2015**, 159, 617-26	4.9	60
178	Influence of the Vitreomacular Interface on Treatment Outcomes in the Comparison of Age-Related Macular Degeneration Treatments Trials. *Ophthalmology*, **2015**, 122, 1203-11	7.3	43
177	Association of Baseline Characteristics and Early Vision Response with 2-Year Vision Outcomes in the Comparison of AMD Treatments Trials (CATT). *Ophthalmology*, **2015**, 122, 2523-31.e1	7.3	67
176	Efficacy of intravitreal ocriplasmin for treatment of vitreomacular adhesion: subgroup analyses from two randomized trials. *Ophthalmology*, **2015**, 122, 117-22	7.3	107
175	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, 1303-14	3.6	40
174	Real-Time Microscope-Integrated OCT to Improve Visualization in DSAEK for Advanced Bullous Keratopathy. *Cornea*, **2015**, 34, 1606-10	3.1	30
173	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, 1151-7	3.6	21
172	INTRAOPERATIVE SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY IMAGING AFTER INTERNAL LIMITING MEMBRANE PEELING IN IDIOPATHIC EPIRETINAL MEMBRANE WITH CONNECTING STRANDS. *Retina*, **2015**, 35, 1622-30	3.6	19
171	FUNCTIONAL OUTCOMES OF YOUNG INFANTS WITH AND WITHOUT MACULAR EDEMA. *Retina*, **2015**, 35, 2018-27	3.6	21
170	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	3.3	30
169	Delay in retinal photoreceptor development in very preterm compared to term infants. *Investigative Ophthalmology and Visual Science*, **2015**, 56, 908-13		52

168	Retinal Imaging of Infants on Spectral Domain Optical Coherence Tomography. *BioMed Research International*, **2015**, 2015, 782420	3	41
167	Novel microscope-integrated stereoscopic display for intrasurgical optical coherence tomography **2015**,		1
166	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	4.9	34
165	Poorer neurodevelopmental outcomes associated with cystoid macular edema identified in preterm infants in the intensive care nursery. *Ophthalmology*, **2015**, 122, 610-9	7.3	33
164	Intraoperative Retinal Optical Coherence Tomography **2015**, 1771-1796		1
163	Risk of scar in the comparison of age-related macular degeneration treatments trials. *Ophthalmology*, **2014**, 121, 656-66	7.3	175
162	Comparison of optical coherence tomography assessments in the comparison of age-related macular degeneration treatments trials. *Ophthalmology*, **2014**, 121, 1956-65	7.3	26
161	Evaluation of optic nerve development in preterm and term infants using handheld spectral-domain optical coherence tomography. *Ophthalmology*, **2014**, 121, 1818-26	7.3	36
160	Quantitative classification of eyes with and without intermediate age-related macular degeneration using optical coherence tomography. *Ophthalmology*, **2014**, 121, 162-172	7.3	192
159	Risk of geographic atrophy in the comparison of age-related macular degeneration treatments trials. *Ophthalmology*, **2014**, 121, 150-161	7.3	375
158	Caveats to obtaining retinal topography with optical coherence tomography **2014**, 55, 5730-1		1
157	Lateral and axial measurement differences between spectral-domain optical coherence tomography systems. *Journal of Biomedical Optics*, **2014**, 19, 16014	3.5	22
156	Outer retinal tubulation in the comparison of age-related macular degeneration treatments trials (CATT). *Ophthalmology*, **2014**, 121, 2423-31	7.3	41
155	Secondary analyses of the effects of lutein/zeaxanthin on age-related macular degeneration progression: AREDS2 report No. 3. *JAMA Ophthalmology*, **2014**, 132, 142-9	3.9	254
154	Ocular safety of recreational lasers. *JAMA Ophthalmology*, **2014**, 132, 245-6	3.9	19
153	Spectral domain optical coherence tomography characterization of pediatric epiretinal membranes. *Retina*, **2014**, 34, 1323-34	3.6	22
152	Characterization of the choroid-scleral junction and suprachoroidal layer in healthy individuals on enhanced-depth imaging optical coherence tomography. *JAMA Ophthalmology*, **2014**, 132, 174-81	3.9	79
151	Three-dimensional assessment of vascular and perivascular characteristics in subjects with retinopathy of prematurity. *Ophthalmology*, **2014**, 121, 1289-96	7.3	33

150	Baseline predictors for one-year visual outcomes with ranibizumab or bevacizumab for neovascular age-related macular degeneration. *Ophthalmology*, **2013**, 120, 122-9	7.3	221
149	Macular Translocation **2013**, 1996-2009		1
148	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, 213-20	3.8	44
147	Correction of ocular shape in retinal optical coherence tomography and effect on current clinical measures. *American Journal of Ophthalmology*, **2013**, 156, 304-11	4.9	46
146	Racial variation in optic nerve head parameters quantified in healthy newborns by handheld spectral domain optical coherence tomography. *Journal of AAPOS*, **2013**, 17, 501-6	1.3	17
145	Spectral-domain optical coherence tomography characteristics of intermediate age-related macular degeneration. *Ophthalmology*, **2013**, 120, 140-50	7.3	82
144	Progression of intermediate age-related macular degeneration with proliferation and inner retinal migration of hyperreflective foci. *Ophthalmology*, **2013**, 120, 1038-45	7.3	144
143	Optical coherence tomography in retinopathy of prematurity: looking beyond the vessels. *Clinics in Perinatology*, **2013**, 40, 271-96	2.8	47
142	Macular morphology and visual acuity in the comparison of age-related macular degeneration treatments trials. *Ophthalmology*, **2013**, 120, 1860-70	7.3	173
141	Fast acquisition and reconstruction of optical coherence tomography images via sparse representation. *IEEE Transactions on Medical Imaging*, **2013**, 32, 2034-49	11.7	141
140	Lutein/zeaxanthin for the treatment of age-related cataract: AREDS2 randomized trial report no. 4. *JAMA Ophthalmology*, **2013**, 131, 843-50	3.9	96
139	Lutein + zeaxanthin and omega-3 fatty acids for age-related macular degeneration: the Age-Related Eye Disease Study 2 (AREDS2) randomized clinical trial. *JAMA - Journal of the American Medical Association*, **2013**, 309, 2005-15	27.4	768
138	Preclinical evaluation and intraoperative human retinal imaging with a high-resolution microscope-integrated spectral domain optical coherence tomography device. *Retina*, **2013**, 33, 1328-37	3.6	64
137	Fully automatic software for retinal thickness in eyes with diabetic macular edema from images acquired by cirrus and spectralis systems **2013**, 54, 7595-602		53
136	Choroid development and feasibility of choroidal imaging in the preterm and term infants utilizing SD-OCT **2013**, 54, 4140-7		48
135	Visualization of real-time intraoperative maneuvers with a microscope-mounted spectral domain optical coherence tomography system. *Retina*, **2013**, 33, 232-6	3.6	61
134	Dry age-related macular degeneration: mechanisms, therapeutic targets, and imaging **2013**, 54, ORSF68-80		164
133	Macular findings in healthy full-term Hispanic newborns observed by hand-held spectral-domain optical coherence tomography. *Ophthalmic Surgery Lasers and Imaging Retina*, **2013**, 44, 448-54	1.4	14

132	Spectral-domain optical coherence tomographic assessment of severity of cystoid macular edema in retinopathy of prematurity. *JAMA Ophthalmology*, **2012**, 130, 569-78		78
131	Optical coherence tomography grading reproducibility during the Comparison of Age-related Macular Degeneration Treatments Trials. *Ophthalmology*, **2012**, 119, 2549-57	7.3	49
130	Validated automatic segmentation of AMD pathology including drusen and geographic atrophy in SD-OCT images **2012**, 53, 53-61		175
129	Characterization of vitreoretinal interface disorders using OCT in the interventional phase 3 trials of ocriplasmin **2012**, 53, 6504-11		26
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