Sharon F Freedman

List of Publications by Citations

209 papers	5,938 citations	45 h-index	68 g-index
221 ext. papers	6,898 ext. citations	2.9 avg, IF	5.67 L-index

#	Paper	IF	Citations
209	Optimizing hand-held spectral domain optical coherence tomography imaging for neonates, infants, and children **2010**, 51, 2678-85		163
208	Dynamics of human foveal development after premature birth. *Ophthalmology*, **2011**, 118, 2315-25	7.3	154
207	Comparison of contact lens and intraocular lens correction of monocular aphakia during infancy: a randomized clinical trial of HOTV optotype acuity at age 4.5 years and clinical findings at age 5 years. *JAMA Ophthalmology*, **2014**, 132, 676-82	3.9	149
206	Optical coherence tomography in the eyes of normal children. *JAMA Ophthalmology*, **2009**, 127, 50-8		144
205	The Ahmed valve in refractory pediatric glaucoma. *American Journal of Ophthalmology*, **1999**, 127, 34-42	4.9	141
204	Insights into advanced retinopathy of prematurity using handheld spectral domain optical coherence tomography imaging. *Ophthalmology*, **2009**, 116, 2448-56	7.3	140
203	Does primary intraocular lens implantation prevent "aphakic" glaucoma in children?. *Journal of AAPOS*, **2000**, 4, 33-9	1.3	138
202	Aqueous shunt devices compared with trabeculectomy with Mitomycin-C for children in the first two years of life. *American Journal of Ophthalmology*, **2003**, 136, 994-1000	4.9	134
201	Agreement among pediatric ophthalmologists in diagnosing plus and pre-plus disease in retinopathy of prematurity. *Journal of AAPOS*, **2008**, 12, 352-6	1.3	120
200	Refractive changes after pediatric intraocular lens implantation. *American Journal of Ophthalmology*, **1998**, 126, 772-81	4.9	110
199	Glaucoma-Related Adverse Events in the First 5 Years After Unilateral Cataract Removal in the Infant Aphakia Treatment Study. *JAMA Ophthalmology*, **2015**, 133, 907-14	3.9	108
198	Abnormal foveal morphology in ocular albinism imaged with spectral-domain optical coherence tomography. *JAMA Ophthalmology*, **2009**, 127, 37-44		103
197	Complications in the first 5 years following cataract surgery in infants with and without intraocular lens implantation in the Infant Aphakia Treatment Study. *American Journal of Ophthalmology*, **2014**, 158, 892-8	4.9	101
196	Macular translocation with 360-degree peripheral retinectomy impact of technique and surgical experience on visual outcomes. *Retina*, **2001**, 21, 293-303	3.6	95
195	Macular and retinal nerve fiber layer analysis of normal and glaucomatous eyes in children using optical coherence tomography. *American Journal of Ophthalmology*, **2005**, 139, 509-17	4.9	94
194	Glaucoma-related adverse events in the Infant Aphakia Treatment Study: 1-year results. *JAMA Ophthalmology*, **2012**, 130, 300-5		90
193	Safety and efficacy of brimonidine in children with glaucoma. *Journal of AAPOS*, **2001**, 5, 281-4	1.3	90

192	Macular features from spectral-domain optical coherence tomography as an adjunct to indirect ophthalmoscopy in retinopathy of prematurity. *Retina*, **2011**, 31, 1470-82	3.6	87
191	A comparison of the rate of refractive growth in pediatric aphakic and pseudophakic eyes. *Ophthalmology*, **2000**, 107, 118-22	7.3	87
190	A pilot study using "ROPtool" to quantify plus disease in retinopathy of prematurity. *Journal of AAPOS*, **2007**, 11, 381-7	1.3	84
189	Mitomycin C-augumented trabeculectomy with postoperative wound modulation in pediatric glaucoma. *Journal of AAPOS*, **1999**, 3, 117-24	1.3	84
188	Central corneal thickness and its relationship to intraocular pressure in children. *Ophthalmology*, **2004**, 111, 2220-3	7.3	83
187	Spectral-domain optical coherence tomographic assessment of severity of cystoid macular edema in retinopathy of prematurity. *JAMA Ophthalmology*, **2012**, 130, 569-78		78
186	A numeric index based on spatial frequency for the tortuosity of retinal vessels and its application to plus disease in retinopathy of prematurity. *Retina*, **1995**, 15, 490-500	3.6	77
185	Aqueous drainage device surgery in refractory pediatric glaucomas: I. Long-term outcomes. *Journal of AAPOS*, **2008**, 12, 33-9	1.3	76
184	Goniotomy for glaucoma secondary to chronic childhood uveitis. *American Journal of Ophthalmology*, **2002**, 133, 617-21	4.9	76
183	Quality of life after macular translocation with 360 degrees peripheral retinectomy for age-related macular degeneration. *Ophthalmology*, **2005**, 112, 144-51	7.3	69
182	Long-term outcome of cyclocryotherapy for refractory pediatric glaucoma. *Ophthalmology*, **1998**, 105, 1921-6; discussion 1926-7	7.3	65
181	Transscleral Diode Laser Cyclophotocoagulation for Refractory Pediatric Glaucomas. *Journal of Pediatric Ophthalmology and Strabismus*, **1997**, 34, 235-239	0.9	64
180	Management of glaucoma in pregnancy and lactation. *Survey of Ophthalmology*, **2001**, 45, 449-54	6.1	62
179	New classification system for pediatric glaucoma: implications for clinical care and a research registry. *Current Opinion in Ophthalmology*, **2018**, 29, 385-394	5.1	58
178	Reproducibility of spectral-domain optical coherence tomography measurements in adult and pediatric glaucoma. *Journal of Glaucoma*, **2015**, 24, 55-63	2.1	58
177	Accuracy of ROPtool vs individual examiners in assessing retinal vascular tortuosity. *JAMA Ophthalmology*, **2007**, 125, 1523-30		58
176	Optical coherence tomography as a tool for monitoring pediatric pseudotumor cerebri. *Journal of AAPOS*, **2007**, 11, 564-70	1.3	58
175	The effectiveness of latanoprost for the treatment of pediatric glaucoma. *Journal of AAPOS*, **1999**, 3, 33-9	1.3	58

174	Icare rebound tonometry in children with known and suspected glaucoma. *Journal of AAPOS*, **2011**, 15, 153-7	1.3	57
173	Foveal hypoplasia in oculocutaneous albinism demonstrated by optical coherence tomography. *American Journal of Ophthalmology*, **2002**, 133, 409-10	4.9	57
172	Enhanced superoxide radical production by stimulated polymorphonuclear leukocytes in a cat model of diabetes. *Experimental Eye Research*, **1992**, 55, 767-73	3.7	56
171	Topical versus oral carbonic anhydrase inhibitor therapy for pediatric glaucoma. *Journal of AAPOS*, **1998**, 2, 43-7	1.3	55
170	Delay in retinal photoreceptor development in very preterm compared to term infants. *Investigative Ophthalmology and Visual Science*, **2015**, 56, 908-13		52
169	Surgical outcomes in childhood uveitic glaucoma. *American Journal of Ophthalmology*, **2013**, 155, 134-42	4.9	51
168	CYP1B1, MYOC, and LTBP2 mutations in primary congenital glaucoma patients in the United States. *American Journal of Ophthalmology*, **2013**, 155, 508-517.e5	4.9	48
167	Choroid development and feasibility of choroidal imaging in the preterm and term infants utilizing SD-OCT **2013**, 54, 4140-7		48
166	Retinopathy of prematurity care: patterns of care and workforce analysis. *Journal of AAPOS*, **2008**, 12, 344-8	1.3	45
165	Central corneal thickness in children: Racial differences (black vs. white) and correlation with measured intraocular pressure. *Journal of Glaucoma*, **2006**, 15, 520-3	2.1	45
164	Use of latanoprost in the treatment of glaucoma associated with Sturge-Weber syndrome. *American Journal of Ophthalmology*, **1998**, 126, 600-2	4.9	45
163	Latanoprost for the treatment of pediatric glaucoma. *Survey of Ophthalmology*, **2002**, 47 Suppl 1, S129-36	2.1	43
162	Icare ONE rebound versus Goldmann applanation tonometry in children with known or suspected glaucoma. *American Journal of Ophthalmology*, **2012**, 154, 843-849.e1	4.9	41
161	Illuminated microcatheter-facilitated 360-degree trabeculotomy for refractory aphakic and juvenile open-angle glaucoma. *Journal of Glaucoma*, **2014**, 23, 449-54	2.1	39
160	Cupping reversal in pediatric glaucoma--evaluation of the retinal nerve fiber layer and visual field. *American Journal of Ophthalmology*, **2014**, 158, 905-15	4.9	37
159	Subfoveal fluid in healthy full-term newborns observed by handheld spectral-domain optical coherence tomography. *American Journal of Ophthalmology*, **2012**, 153, 167-75.e3	4.9	37
158	Central corneal thickness: congenital cataracts and aphakia. *American Journal of Ophthalmology*, **2007**, 144, 502-6	4.9	37
157	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

156	Computer-assisted measurement of retinal vascular width and tortuosity in retinopathy of prematurity. *JAMA Ophthalmology*, **2010**, 128, 847-52		36
155	Incidence of fovea plana in normal children. *Journal of AAPOS*, **2014**, 18, 471-5	1.3	35
154	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
153	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
152	Three-dimensional assessment of vascular and perivascular characteristics in subjects with retinopathy of prematurity. *Ophthalmology*, **2014**, 121, 1289-96	7.3	33
151	Endoscopic laser cyclophotocoagulation in pediatric glaucoma with corneal opacities. *Journal of AAPOS*, **2007**, 11, 23-8	1.3	33
150	Case series of angle-closure glaucoma after laser treatment for retinopathy of prematurity. *Journal of AAPOS*, **2005**, 9, 17-21	1.3	31
149	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	1.3	31
148	Safety and efficacy of silicone rod frontalis suspension surgery for childhood ptosis repair. *Journal of Pediatric Ophthalmology and Strabismus*, **2008**, 45, 280-8; quiz 289-90	0.9	31
147	Latanoprost in pediatric glaucoma--pediatric exposure over a decade. *Journal of AAPOS*, **2009**, 13, 558-62	1.3	29
146	Outcomes of Unilateral Cataracts in Infants and Toddlers 7 to 24 Months of Age: Toddler Aphakia and Pseudophakia Study (TAPS). *Ophthalmology*, **2019**, 126, 1189-1195	7.3	28
145	Comparison of latanoprost and timolol in pediatric glaucoma: a phase 3, 12-week, randomized, double-masked multicenter study. *Ophthalmology*, **2011**, 118, 2014-21	7.3	28
144	Exploratory Dijkstra forest based automatic vessel segmentation: applications in video indirect ophthalmoscopy (VIO). *Biomedical Optics Express*, **2012**, 3, 327-39	3.5	28
143	Home tonometry for management of pediatric glaucoma. *American Journal of Ophthalmology*, **2011**, 152, 470-478.e2	4.9	27
142	Combining ROPtool measurements of vascular tortuosity and width to quantify plus disease in retinopathy of prematurity. *Journal of AAPOS*, **2011**, 15, 40-4	1.3	27
141	Differentiating glaucomatous from non-glaucomatous optic nerve cupping by optical coherence tomography. *The Open Neurology Journal*, **2011**, 5, 1-7	0.4	27
140	Exposure to topical apraclonidine in children with glaucoma. *Journal of Glaucoma*, **2009**, 18, 395-8	2.1	27
139	Longitudinal reproducibility of optical coherence tomography measurements in children. *Journal of AAPOS*, **2012**, 16, 523-8	1.3	26

138	Predictive value of pre-plus disease in retinopathy of prematurity. *JAMA Ophthalmology*, **2011**, 129, 591-6		26
137	Aqueous drainage device surgery in refractory pediatric glaucoma: II. Ocular motility consequences. *Journal of AAPOS*, **2008**, 12, 40-5	1.3	26
136	Assessment of Macular Microvasculature in Healthy Eyes of Infants and Children Using OCT Angiography. *Ophthalmology*, **2019**, 126, 1703-1711	7.3	24
135	Stereopsis results at 4.5 years of age in the infant aphakia treatment study. *American Journal of Ophthalmology*, **2015**, 159, 64-70.e1-2	4.9	24
134	Cataract Surgery in Children from Birth to Less than 13 Years of Age: Baseline Characteristics of the Cohort. *Ophthalmology*, **2016**, 123, 2462-2473	7.3	24
133	Enhanced video indirect ophthalmoscopy (VIO) via robust mosaicing. *Biomedical Optics Express*, **2011**, 2, 2871-87	3.5	24
132	Latanoprost systemic exposure in pediatric and adult patients with glaucoma: a phase 1, open-label study. *Ophthalmology*, **2011**, 118, 2022-7	7.3	23
131	Fibrovascular ingrowth as a cause of Ahmed glaucoma valve failure in children. *American Journal of Ophthalmology*, **2006**, 141, 388-9	4.9	23
130	Acquired central corneal thickness increase following removal of childhood cataracts. *American Journal of Ophthalmology*, **2011**, 151, 434-41.e1	4.9	22
129	Reversible retinal edema in an infant with neonatal hemochromatosis and liver failure. *Journal of AAPOS*, **2011**, 15, 91-3	1.3	22
128	360-Degree Trabeculotomy for Medically Refractory Glaucoma Following Cataract Surgery and Juvenile Open-Angle Glaucoma. *American Journal of Ophthalmology*, **2017**, 175, 1-7	4.9	21
127	Assessment of retinal nerve fiber layer thickness in healthy, full-term neonates. *American Journal of Ophthalmology*, **2015**, 159, 803-11	4.9	21
126	Retinal imaging in premature infants using the Pictor noncontact digital camera. *Journal of AAPOS*, **2014**, 18, 321-6	1.3	21
125	FUNCTIONAL OUTCOMES OF YOUNG INFANTS WITH AND WITHOUT MACULAR EDEMA. *Retina*, **2015**, 35, 2018-27	3.6	21
124	Spectral-Domain OCT Findings of Retinal Vascular-Avascular Junction in Infants with Retinopathy of Prematurity. *Ophthalmology Retina*, **2018**, 2, 963-971	3.8	20
123	Imaging Infant Retinal Vasculature with OCT Angiography. *Ophthalmology Retina*, **2019**, 3, 95-96	3.8	20
122	A pilot study using ROPtool to measure retinal vascular dilation. *Retina*, **2009**, 29, 1182-7	3.6	20
121	Macular translocation with 360 degrees peripheral retinectomy for geographic atrophy. *JAMA Ophthalmology*, **2003**, 121, 132-3		20

120	Corneal Changes in Children after Unilateral Cataract Surgery in the Infant Aphakia Treatment Study. *Ophthalmology*, **2015**, 122, 2186-92	7.3	19
119	Strabismus surgery for large-angle cyclotorsion after macular translocation surgery. *Journal of AAPOS*, **2002**, 6, 154-62	1.3	19
118	ASSESSMENT OF THE RETINAL STRUCTURE IN CHILDREN WITH INCONTINENTIA PIGMENTI. *Retina*, **2017**, 37, 1568-1574	3.6	18
117	The effect of repeated measurements and the use of topical anesthetic on rebound tonometry values in children. *Journal of AAPOS*, **2014**, 18, 619-21	1.3	18
116	Home assessment of diurnal intraocular pressure in healthy children using the Icare rebound tonometer. *Journal of AAPOS*, **2012**, 16, 58-60	1.3	18
115	Optical coherence tomography in paediatric glaucoma: time domain versus spectral domain. *British Journal of Ophthalmology*, **2013**, 97, 837-42	5.5	18
114	The accuracy of photoscreening at detecting treatable ocular conditions in children with Down syndrome. *Journal of AAPOS*, **2010**, 14, 472-7	1.3	18
113	Vascular dilation and tortuosity in plus disease. *JAMA Ophthalmology*, **2009**, 127, 112-3		18
112	Observer Sensitivity to Retinal Vessel Diameter and Tortuosity in Retinopathy of Prematurity: A Model System. *Journal of Pediatric Ophthalmology and Strabismus*, **1996**, 33, 248-254	0.9	18
111	Outcomes of Bilateral Cataracts Removed in Infants 1 to 7 Months of Age Using the Toddler Aphakia and Pseudophakia Treatment Study Registry. *Ophthalmology*, **2020**, 127, 501-510	7.3	18
110	Physical and Family History Variables Associated With Neurological and Cognitive Development in Sturge-Weber Syndrome. *Pediatric Neurology*, **2019**, 96, 30-36	2.9	18
109	De Novo Pathogenic Variants in N-cadherin Cause a Syndromic Neurodevelopmental Disorder with Corpus Collosum, Axon, Cardiac, Ocular, and Genital Defects. *American Journal of Human Genetics*, **2019**, 105, 854-868	11	17
108	Second glaucoma drainage devices in refractory pediatric glaucoma: failure by fibrovascular ingrowth. *American Journal of Ophthalmology*, **2014**, 158, 113-7	4.9	17
107	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
106	Tortuosity of arterioles and venules in quantifying plus disease. *Journal of AAPOS*, **2009**, 13, 181-5	1.3	17
105	The macula in pediatric glaucoma: quantifying the inner and outer layers via optical coherence tomography automatic segmentation. *Journal of AAPOS*, **2016**, 20, 332-6	1.3	17
104	Computer-assisted assessment of plus disease in retinopathy of prematurity using video indirect ophthalmoscopy images. *Retina*, **2008**, 28, 1458-62	3.6	16
103	Evaluation of an indirect ophthalmoscopy digital photographic system as a retinopathy of prematurity screening tool. *Journal of AAPOS*, **2014**, 18, 36-41	1.3	15

102	Central corneal thickness in children: stability over time. *American Journal of Ophthalmology*, **2006**, 141, 955-7	4.9	15
101	Pentoxifylline modulates deformability, F-actin content, and superoxide anion production of polymorphonuclear leukocytes from diabetic cats. *Experimental Eye Research*, **1992**, 55, 831-8	3.7	14
100	Central corneal thickness in children and adolescents with pediatric glaucoma and eye disorders at risk of developing glaucoma. *Journal of Pediatric Ophthalmology and Strabismus*, **2011**, 48, 108-16	0.9	14
99	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
98	Management of ocular torsion and diplopia after macular translocation for age-related macular degeneration: prospective clinical study. *American Journal of Ophthalmology*, **2003**, 136, 640-8	4.9	13
97	Evolution of plus disease in retinopathy of prematurity: quantification by ROPtool. *Transactions of the American Ophthalmological Society*, **2009**, 107, 47-52		13
96	Macular OCT Characteristics at 36 Weeks Postmenstrual Age in Infants Examined for Retinopathy of Prematurity. *Ophthalmology Retina*, **2021**, 5, 580-592	3.8	13
95	Optical Coherence Tomography Normative Peripapillary Retinal Nerve Fiber Layer and Macular Data in Children 0-5 Years of Age. *American Journal of Ophthalmology*, **2019**, 208, 323-330	4.9	12
94	Optical coherence tomography (OCT) measurements in black and white children with large cup-to-disc ratios. *Experimental Eye Research*, **2011**, 93, 299-307	3.7	12
93	Significance of isolated neovascular tufts ("popcorn") in retinopathy of prematurity. *Journal of AAPOS*, **1998**, 2, 52-6	1.3	12
92	Microcystic Macular Changes in Primary Open-angle Glaucoma. *Journal of Glaucoma*, **2016**, 25, 258-62	2.1	12
91	Prevalence of Cerebrotendinous Xanthomatosis Among Patients Diagnosed With Acquired Juvenile-Onset Idiopathic Bilateral Cataracts. *JAMA Ophthalmology*, **2019**, 137, 1312-1316	3.9	11
90	Trabeculectomy with mitomycin-C in pediatric glaucomas. *Ophthalmology*, **2001**, 108, 835-7	7.3	11
89	Staying away from the optic nerve: a formula for modifying glaucoma drainage device surgery in pediatric and other small eyes. *Journal of AAPOS*, **2017**, 21, 39-43.e1	1.3	10
88	Evaluating a Portable, Noncontact Fundus Camera for Retinopathy of Prematurity Screening by Nonophthalmologist Health Care Workers. *Ophthalmology Retina*, **2018**, 2, 864-871	3.8	10
87	Intraocular pressure in children: the effect of body position as assessed by Icare and Tono-Pen tonometers. *American Journal of Ophthalmology*, **2014**, 158, 1348-1352.e1	4.9	10
86	Travoprost in children: adverse effects and intraocular pressure response. *Journal of AAPOS*, **2009**, 13, 91-3	1.3	10
85	Measurement of ocular torsion after macular translocation: disc fovea angle and maddox rod. *Journal of AAPOS*, **2003**, 7, 103-107	1.3	10

84	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
83	A comparison of Icare PRO and Tono-Pen XL tonometers in anesthetized children. *Journal of AAPOS* , **2015**, 19, 332-7	1.3	9
82	Impact of age, diagnosis, and history of glaucoma surgery on outcomes in pediatric patients treated with latanoprost. *Journal of Glaucoma*, **2013**, 22, 614-9	2.1	9
81	Predicting the need for laser treatment in retinopathy of prematurity using computer-assisted quantitative vascular analysis. *Journal of AAPOS*, **2014**, 18, 114-9	1.3	8
80	Postoperative cilioretinal artery occlusion in Sturge Weber-associated glaucoma. *Journal of AAPOS*, **2010**, 14, 358-60	1.3	8
79	Endoscopic cyclophotocoagulation (ECP) for childhood glaucoma: a large single-center cohort experience. *Journal of AAPOS*, **2019**, 23, 84.e1-84.e7	1.3	7
78	Evaluation of the accuracy of grading indirect ophthalmoscopy video images for retinopathy of prematurity screening. *Journal of Pediatric Ophthalmology and Strabismus*, **2015**, 52, 85-92	0.9	7
77	A Long-term Safety Study of Latanoprost in Pediatric Patients With Glaucoma and Ocular Hypertension: A Prospective Cohort Study. *American Journal of Ophthalmology*, **2018**, 196, 101-111	4.9	7
76	Handheld Optical Coherence Tomography Normative Inner Retinal Layer Measurements for Children . *American Journal of Ophthalmology*, **2019**, 207, 232-239	4.9	6
75	Ultrasound evaluation of glaucoma drainage devices in children. *Journal of AAPOS*, **2015**, 19, 281-4	1.3	6
74	ROPtool analysis of images acquired using a noncontact handheld fundus camera (Pictor)--a pilot study. *Journal of AAPOS*, **2015**, 19, 570-2	1.3	6
73	Anterior segment photography in pediatric eyes using the Lytro light field handheld noncontact camera. *Journal of AAPOS*, **2013**, 17, 572-7	1.3	6
72	ParentsQexpectations regarding their childrenQeye care: interview results. *American Journal of Ophthalmology*, **2003**, 136, 797-804	4.9	6
71	Real-time, computer-assisted quantification of plus disease in retinopathy of prematurity at the bedside. *Ophthalmic Surgery Lasers and Imaging Retina*, **2014**, 45, 542-8	1.4	6
70	Incidence and Management of Glaucoma or Glaucoma Suspect in the First Year After Pediatric Lensectomy. *JAMA Ophthalmology*, **2020**, 138, 71-75	3.9	6
69	Icare ONE Home Tonometry in Children With and Without Known Glaucoma. *Journal of Glaucoma*, **2016**, 25, e66-9	2.1	6
68	Home Tonometry Assists Glaucoma Drainage Device Management in Childhood Glaucoma. *Journal of Glaucoma*, **2019**, 28, 818-822	2.1	6
67	Non-contact retinal imaging compared to indirect ophthalmoscopy for retinopathy of prematurity screening: infant safety profile. *Journal of Perinatology*, **2018**, 38, 1266-1269	3.1	6

66	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
65	Fluorescein Angiographic Characteristics of Macular Edema During Infancy. *JAMA Ophthalmology*, **2018**, 136, 538-542	3.9	5
64	A Comparative Study of Rebound Tonometry With Tonopen and Goldmann Applanation Tonometry Following Vitreoretinal Surgery. *American Journal of Ophthalmology*, **2016**, 161, 22-8.e1-8	4.9	5
63	Central corneal thickness in children--does it help or hinder our evaluation of eyes at risk for glaucoma?. *Journal of AAPOS*, **2008**, 12, 1-2	1.3	5
62	Combined intraocular lens implantation and glaucoma implant (tube shunt) surgery in pediatric patients: a case series. *Journal of AAPOS*, **2005**, 9, 330-5	1.3	5
61	Foveal hypoplasia demonstrated in vivo with optical coherence tomography. *American Journal of Ophthalmology*, **2003**, 136, 397; author reply 397-8	4.9	5
60	Preterm Infant Stress During Handheld Optical Coherence Tomography vs Binocular Indirect Ophthalmoscopy Examination for Retinopathy of Prematurity. *JAMA Ophthalmology*, **2021**, 139, 567-574	3.9	5
59	Glaucoma-Related Adverse Events at 10 Years in the Infant Aphakia Treatment Study: A Secondary Analysis of a Randomized Clinical Trial. *JAMA Ophthalmology*, **2021**, 139, 165-173	3.9	5
58	Rebound tonometry over an air-filled anterior chamber in the supine child after intraocular surgery. *Journal of AAPOS*, **2016**, 20, 159-64	1.3	4
57	Third-Party Coverage for Aphakic Contact Lenses for Children. *Translational Vision Science and Technology*, **2019**, 8, 41	3.3	4
56	Vitreous hemorrhage after trabeculotomy in aphakic eyes. *Journal of AAPOS*, **2013**, 17, 307-8	1.3	4
55	Extraocular muscle surgery for extorsion after macular translocation surgery new surgical technique and clinical management. *Ophthalmology*, **2006**, 113, 63-9	7.3	4
54	Real-World Simulation of an Alternative Retinopathy of Prematurity Screening System in Thailand: A Pilot Study. *Journal of Pediatric Ophthalmology and Strabismus*, **2018**, 55, 245-253	0.9	4
53	Postoperative infection following strabismus surgery: case series and increased incidence in a single referral center. *Journal of AAPOS*, **2019**, 23, 26.e1-26.e7	1.3	4
52	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
51	Strabismus surgery in the setting of glaucoma drainage devices in the pediatric population. *Journal of AAPOS*, **2019**, 23, 83.e1-83.e8	1.3	3
50	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
49	Home tonometry in childhood glaucoma: clinical indications and physician and parental attitudes. *Journal of AAPOS*, **2018**, 22, 319-321.e3	1.3	3

48	Long-term home monitoring of intraocular pressure in pediatric glaucoma. *Journal of AAPOS*, **2016**, 20, 515-518	1.3	3
47	Risk factors for primary congenital glaucoma in the National Birth Defects Prevention Study. *American Journal of Medical Genetics, Part A*, **2019**, 179, 1846-1856	2.5	3
46	Capturing Macular Vascular Development in an Infant With Retinopathy of Prematurity. *JAMA Ophthalmology*, **2019**, 137, 1083-1086	3.9	3
45	Longitudinal reproducibility of spectral domain optical coherence tomography in children with physiologic cupping and stable glaucoma. *Journal of AAPOS*, **2019**, 23, 262.e1-262.e6	1.3	3
44	Computer-assisted quantification of pre-plus and plus disease in images obtained using Pictor versus video indirect ophthalmoscopy: a pilot study. *Journal of AAPOS*, **2017**, 21, 322-325	1.3	3
43	Fixation switch and diplopia after full macular translocation surgery. *Journal of AAPOS*, **2007**, 11, 114-9	1.3	3
42	Complications at 10 Years of Follow-up in the Infant Aphakia Treatment Study. *Ophthalmology*, **2020**, 127, 1581-1583	7.3	3
41	Slow progressive perifoveal vascular formation in an infant with aggressive posterior retinopathy of prematurity. *Journal of AAPOS*, **2020**, 24, 323-326	1.3	3
40	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
39	Formation of Macular Inner Nuclear Layer Cysts in Optic Atrophy **2016**, 57, 989-91		3
38	Development of a scale for grading pre-plus and plus disease using retinal images: A pilot study. *Journal of AAPOS*, **2018**, 22, 316-319	1.3	3
37	Prostaglandin-Associated Periorbitopathy in Children and Young Adults with Glaucoma. *Ophthalmology Glaucoma*, **2020**, 3, 288-294	2.2	2
36	Maternal diet as a risk factor for primary congenital glaucoma and defects of the anterior segment of the eye in the National Birth Defects Prevention Study. *Birth Defects Research*, **2020**, 112, 503-514	2.9	2
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