Sharon F Freedman

List of Publications by Year
in descending order

218 papers	7,637 citations	47 h-index	75 g-index
		47006	74163
221 all docs	221 docs citations	221 times ranked	3489 citing authors

#	Article	IF	Citations
1	Optimizing Hand-held Spectral Domain Optical Coherence Tomography Imaging for Neonates, Infants, and Children. , 2010, 51, 2678.		193
2	Comparison of Contact Lens and Intraocular Lens Correction of Monocular Aphakia During Infancy. JAMA Ophthalmology, 2014, 132, 676.	2.5	190
3	Dynamics of Human Foveal Development after Premature Birth. Ophthalmology, 2011, 118, 2315-2325.	5.2	189
4	Optical Coherence Tomography in the Eyes of Normal Children. JAMA Ophthalmology, 2009, 127, 50.	2.4	166
5	Insights into Advanced Retinopathy of Prematurity Using Handheld Spectral Domain Optical Coherence Tomography Imaging. Ophthalmology, 2009, 116, 2448-2456.	5.2	165
6	Does primary intraocular lens implantation prevent â€œaphakicâ€•glaucoma in children?. Journal of AAPOS, 2000, 4, 33-39.	0.3	163
7	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.	3.3	162
8	The Ahmed Valve in refractory pediatric glaucoma. American Journal of Ophthalmology, 1999, 127, 34-42.	3.3	159
9	Glaucoma-Related Adverse Events in the First 5 Years After Unilateral Cataract Removal in the Infant Aphakia Treatment Study. JAMA Ophthalmology, 2015, 133, 907.	2.5	155
10	Refractive changes after pediatric intraocular lens implantation. American Journal of Ophthalmology, 1998, 126, 772-781.	3.3	144
11	Agreement among pediatric ophthalmologists in diagnosing plus and pre-plus disease in retinopathy of prematurity. Journal of AAPOS, 2008, 12, 352-356.	0.3	140
12	New classification system for pediatric glaucoma. Current Opinion in Ophthalmology, 2018, 29, 385-394.	2.9	140
13	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, 892-898.e2.	3.3	130
14	Abnormal Foveal Morphology in Ocular Albinism Imaged With Spectral-Domain Optical Coherence Tomography. JAMA Ophthalmology, 2009, 127, 37.	2.4	124
15	Safety and efficacy of brimonidine in children with glaucoma. Journal of AAPOS, 2001, 5, 281-284.	0.3	111
16	Glaucoma-Related Adverse Events in the Infant Aphakia Treatment Study. JAMA Ophthalmology, 2012, 130, 300.	2.4	110
17	MACULAR FEATURES FROM SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY AS AN ADJUNCT TO INDIRECT OPHTHALMOSCOPY IN RETINOPATHY OF PREMATURITY. Retina, 2011, 31, 1470-1482.	1.7	106
18	Macular and retinal nerve fiber layer analysis of normal and glaucomatous eyes in children using optical coherence tomography. American Journal of Ophthalmology, 2005, 139, 509-517.	3.3	104

#	Article	IF	Citations
19	A pilot study using â€œROPtoolâ€•to quantify plus disease in retinopathy of prematurity. Journal of AAPOS, 2007, 11, 381-387.	0.3	102
20	MACULAR TRANSLOCATION WITH 360-DEGREE PERIPHERAL RETINECTOMY. Retina, 2001, 21, 293-303.	1.7	101
21	A comparison of the rate of refractive growth in pediatric aphakic and pseudophakic eyes 1 1No author has a financial interest in the subject matter of the manuscript. No author has a financial interest in the Pediatric IOL Calculator. 2 2The opinions expressed in this paper are solely those of the authors, and do not reflect the official policy or position of the Department of the Navy, Department of the Defense, or the US Government.. Ophthalmology, 2009, 107, 118-122.	5.2	99
22	Central corneal thickness and its relationship to intraocular pressure in children. Ophthalmology, 2004, 111, 2220-2223.	5.2	99
23	Goniotomy for glaucoma secondary to chronic childhood uveitis. American Journal of Ophthalmology, 2002, 133, 617-621.	3.3	98
24	Spectral-Domain Optical Coherence Tomographic Assessment of Severity of Cystoid Macular Edema in Retinopathy of Prematurity. JAMA Ophthalmology, 2012, 130, 569-78.	2.4	98
25	Aqueous drainage device surgery in refractory pediatric glaucomas: I. Long-term outcomes. Journal of AAPOS, 2008, 12, 33-39.	0.3	96
26	Mitomycin C-augumented trabeculectomy with postoperative wound modulation in pediatric glaucoma. Journal of AAPOS, 1999, 3, 117-124.	0.3	94
27	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.	1.7	89
28	Transscleral Diode Laser Cyclophotocoagulation for Refractory Pediatric Glaucomas. Journal of Pediatric Ophthalmology and Strabismus, 1997, 34, 235-239.	0.7	83
29	Long-term outcome of cyclocryotherapy for refractory pediatric glaucoma11The authors have no proprietary interest in the development or marketing of the instruments used in this study.. Ophthalmology, 1998, 105, 1921-1927.	5.2	79
30	Quality of life after macular translocation with 360ï¿½ peripheral retinectomy for age-related macular degeneration. Ophthalmology, 2005, 112, 144-151.	5.2	77
31	Management of Glaucoma in Pregnancy and Lactation. Survey of Ophthalmology, 2001, 45, 449-454.	4.0	75
32	Foveal hypoplasia in oculocutaneous albinism demonstrated by optical coherence tomography. American Journal of Ophthalmology, 2002, 133, 409-410.	3.3	73
33	Reproducibility of Spectral-Domain Optical Coherence Tomography Measurements in Adult and Pediatric Glaucoma. Journal of Glaucoma, 2015, 24, 55-63.	1.6	72
34	The effectiveness of latanoprost for the treatment of pediatric glaucoma. Journal of AAPOS, 1999, 3, 33-39.	0.3	70
35	Choroid Development and Feasibility of Choroidal Imaging in the Preterm and Term Infants Utilizing SD-OCT. , 2013, 54, 4140.		69
36	Accuracy of ROPtool vs Individual Examiners in Assessing Retinal Vascular Tortuosity. JAMA Ophthalmology, 2007, 125, 1523.	2.4	68

#	Article	IF	Citations
37	Optical coherence tomography as a tool for monitoring pediatric pseudotumor cerebri. Journal of AAPOS, 2007, 11, 564-570.	0.3	68
38	Icare rebound tonometry in children with known and suspected glaucoma. Journal of AAPOS, 2011, 15, 153-157.	0.3	68
39	Surgical Outcomes in Childhood Uveitic Glaucoma. American Journal of Ophthalmology, 2013, 155, 134-142.	3.3	68
40	Delay in Retinal Photoreceptor Development in Very Preterm Compared to Term Infants. Investigative Ophthalmology and Visual Science, 2015, 56, 908-913.	3.3	68
41	CYP1B1, MYOC, and LTBP2 Mutations in Primary Congenital Glaucoma Patients in the United States. American Journal of Ophthalmology, 2013, 155, 508-517.e5.	3.3	66
42	Topical versus oral carbonic anhydrase inhibitor therapy for pediatric glaucoma. Journal of AAPOS, 1998, 2, 43-47.	0.3	65
43	Enhanced superoxide radical production by stimulated polymorphonuclear leukocytes in a cat model of diabetes. Experimental Eye Research, 1992, 55, 767-773.	2.6	61
44	Latanoprost for the Treatment of Pediatric Glaucoma. Survey of Ophthalmology, 2002, 47, S129-S132.	4.0	55
45	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.	3.3	54
46	Central Corneal Thickness in Children: Racial Differences (Black vs. White) and Correlation With Measured Intraocular Pressure. Journal of Glaucoma, 2006, 15, 520-523.	1.6	51
47	Illuminated Microcatheterâ€“facilitated 360-Degree Trabeculotomy for Refractory Aphakic and Juvenile Open-angle Glaucoma. Journal of Glaucoma, 2014, 23, 449-454.	1.6	51
48	Retinopathy of prematurity care: Patterns of care and workforce analysis. Journal of AAPOS, 2008, 12, 344-348.	0.3	49
49	Icare ONE Rebound Versus Goldmann Applanation Tonometry in Children With Known or Suspected Glaucoma. American Journal of Ophthalmology, 2012, 154, 843-849.e1.	3.3	49
50	Use of latanoprost in the treatment of glaucoma associated with Sturge-Weber syndrome. American Journal of Ophthalmology, 1998, 126, 600-602.	3.3	48
51	Evaluation of Optic Nerve Development in Preterm and Term Infants Using Handheld Spectral-Domain Optical Coherence Tomography. Ophthalmology, 2014, 121, 1818-1826.	5.2	47
52	Outcomes of Unilateral Cataracts in Infants and Toddlers 7 to 24 Months of Age. Ophthalmology, 2019, 126, 1189-1195.	5.2	47
53	Three-Dimensional Assessment of Vascular and Perivascular Characteristics in Subjects with Retinopathy of Prematurity. Ophthalmology, 2014, 121, 1289-1296.	5.2	46
54	Central Corneal Thickness: Congenital Cataracts and Aphakia. American Journal of Ophthalmology, 2007, 144, 502-506.e2.	3.3	45

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55	Cupping Reversal in Pediatric Glaucomaâ€"Evaluation of the Retinal Nerve Fiber Layer and Visual Field. American Journal of Ophthalmology, 2014, 158, 905-915.e1.	3.3	45
56	Computer-Assisted Measurement of Retinal Vascular Width and Tortuosity in Retinopathy of Prematurity. JAMA Ophthalmology, 2010, 128, 847.	2.4	44
57	Subfoveal Fluid in Healthy Full-term Newborns Observed by Handheld Spectral-Domain Optical Coherence Tomography. American Journal of Ophthalmology, 2012, 153, 167-175.e3.	3.3	42
58	Incidence of fovea plana in normal children. Journal of AAPOS, 2014, 18, 471-475.	0.3	42
59	Poorer Neurodevelopmental Outcomes Associated with Cystoid Macular Edema Identified in Preterm Infants in the Intensive Care Nursery. Ophthalmology, 2015, 122, 610-619.	5.2	42
60	Assessment of Macular Microvasculature in Healthy Eyes of Infants and Children Using OCT Angiography. Ophthalmology, 2019, 126, 1703-1711.	5.2	41
61	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.	5.2	40
62	Endoscopic laser cyclophotocoagulation in pediatric glaucoma with corneal opacities. Journal of AAPOS, 2007, 11, 23-28.	0.3	39
63	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.	0.3	38
64	Cataract Surgery in Children from Birth to Less than 13 Years of Age. Ophthalmology, 2016, 123, 2462-2473.	5.2	38
65	Spectral-Domain OCT Findings of Retinal Vascularâ€"Avascular Junction in Infants with Retinopathy of Prematurity. Ophthalmology Retina, 2018, 2, 963-971.	2.4	38
66	Glaucoma-Related Adverse Events at 10 Years in the Infant Aphakia Treatment Study. JAMA Ophthalmology, 2021, 139, 165.	2.5	38
67	Exploratory Dijkstra forest based automatic vessel segmentation: applications in video indirect ophthalmoscopy (VIO). Biomedical Optics Express, 2012, 3, 327.	2.9	37
68	Safety and Efficacy of Silicone Rod Frontalis Suspension Surgery for Childhood Ptosis Repair. Journal of Pediatric Ophthalmology and Strabismus, 2008, 45, 280-288.	0.7	37
69	Aqueous drainage device surgery in refractory pediatric glaucoma: II. Ocular motility consequences. Journal of AAPOS, 2008, 12, 40-45.	0.3	36
70	Latanoprost in pediatric glaucomaâ€"pediatric exposure over a decade. Journal of AAPOS, 2009, 13, 558-562.	0.3	36
71	Differentiating Glaucomatous from Non-Glaucomatous Optic Nerve Cupping by Optical Coherence Tomography. The Open Neurology Journal, 2011, 5, 1-7.	0.4	36
72	Case series of angle-closure glaucoma after laser treatment for retinopathy of prematurity. Journal of AAPOS, 2005, 9, 17-21.	0.3	35

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73	Combining ROPtool measurements of vascular tortuosity and width to quantify plus disease in retinopathy of prematurity. Journal of AAPOS, 2011, 15, 40-44.	0.3	35
74	Exposure to Topical Apraclonidine in Children With Glaucoma. Journal of Glaucoma, 2009, 18, 395-398.	1.6	34
75	Home Tonometry for Management of Pediatric Glaucoma. American Journal of Ophthalmology, 2011, 152, 470-478.e2.	3.3	34
76	Comparison of Latanoprost and Timolol in Pediatric Glaucoma: A Phase 3, 12-Week, Randomized, Double-Masked Multicenter Study. Ophthalmology, 2011, 118, 2014-2021.	5.2	34
77	Predictive Value of Pre-plus Disease in Retinopathy of Prematurity. JAMA Ophthalmology, 2011, 129, 591.	2.4	33
78	Stereopsis Results at 4.5 Years of Age in the Infant Aphakia Treatment Study. American Journal of Ophthalmology, 2015, 159, 64-70.e2.	3.3	33
79	360-Degree Trabeculotomy for Medically Refractory Glaucoma Following Cataract Surgery and Juvenile Open-Angle Glaucoma. American Journal of Ophthalmology, 2017, 175, 1-7.	3.3	32
80	Physical and Family History Variables Associated With Neurological and Cognitive Development in Sturge-Weber Syndrome. Pediatric Neurology, 2019, 96, 30-36.	2.1	32
81	Enhanced video indirect ophthalmoscopy (VIO) via robust mosaicing. Biomedical Optics Express, 2011, 2, 2871.	2.9	31
82	Longitudinal reproducibility of optical coherence tomography measurements in children. Journal of AAPOS, 2012, 16, 523-528.	0.3	30
83	De Novo Pathogenic Variants in N-cadherin Cause a Syndromic Neurodevelopmental Disorder with Corpus Callosum, Axon, Cardiac, Ocular, and Genital Defects. American Journal of Human Genetics, 2019, 105, 854-868.	6.2	29
84	Macular OCT Characteristics at 36 Weeksâ€™ Postmenstrual Age in Infants Examined for Retinopathy of Prematurity. Ophthalmology Retina, 2021, 5, 580-592.	2.4	29
85	Acquired Central Corneal Thickness Increase Following Removal of Childhood Cataracts. American Journal of Ophthalmology, 2011, 151, 434-441.e1.	3.3	28
86	Retinal imaging in premature infants using the Pictor noncontact digital camera. Journal of AAPOS, 2014, 18, 321-326.	0.3	28
87	ASSESSMENT OF THE RETINAL STRUCTURE IN CHILDREN WITH INCONTINENTIA PIGMENTI. Retina, 2017, 37, 1568-1574.	1.7	28
88	Imaging Infant Retinal Vasculature with OCT Angiography. Ophthalmology Retina, 2019, 3, 95-96.	2.4	28
89	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.	0.7	28
90	Strabismus surgery for large-angle cyclotorsion after macular translocation surgery. Journal of AAPOS, 2002, 6, 154-162.	0.3	26

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91	Assessment of Retinal Nerve Fiber Layer Thickness in Healthy, Full-Term Neonates. American Journal of Ophthalmology, 2015, 159, 803-811.e2.	3.3	26
92	Macular Translocation With 360Â° Peripheral Retinectomy for Geographic Atrophy. JAMA Ophthalmology, 2003, 121, 132.	2.4	25
93	Latanoprost Systemic Exposure in Pediatric and Adult Patients with Glaucoma: A Phase 1, Open-Label Study. Ophthalmology, 2011, 118, 2022-2027.	5.2	25
94	Corneal Changes in Children after Unilateral Cataract Surgery in the Infant Aphakia Treatment Study. Ophthalmology, 2015, 122, 2186-2192.	5.2	25
95	Fibrovascular Ingrowth as a Cause of Ahmed Glaucoma Valve Failure in Children. American Journal of Ophthalmology, 2006, 141, 388-389.	3.3	24
96	Reversible retinal edema in an infant with neonatal hemochromatosis and liver failure. Journal of AAPOS, 2011, 15, 91-93.	0.3	24
97	A PILOT STUDY USING ROPtool TO MEASURE RETINAL VASCULAR DILATION. Retina, 2009, 29, 1182-1187.	1.7	23
98	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.	0.3	23
99	FUNCTIONAL OUTCOMES OF YOUNG INFANTS WITH AND WITHOUT MACULAR EDEMA. Retina, 2015, 35, 2018-2027.	1.7	23
100	Prevalence of Cerebrotendinous Xanthomatosis Among Patients Diagnosed With Acquired Juvenile-Onset Idiopathic Bilateral Cataracts. JAMA Ophthalmology, 2019, 137, 1312.	2.5	23
101	Optical Coherence Tomography Normative Peripapillary Retinal Nerve Fiber Layer and Macular Data in Children 0â€“5 Years of Age. American Journal of Ophthalmology, 2019, 208, 323-330.	3.3	22
102	Differentiating Retinal Detachment and Retinoschisis Using Handheld Optical Coherence Tomography in Stage 4 Retinopathy of Prematurity. JAMA Ophthalmology, 2020, 138, 81.	2.5	22
103	Home assessment of diurnal intraocular pressure in healthy children using the Icare rebound tonometer. Journal of AAPOS, 2012, 16, 58-60.	0.3	21
104	Optical coherence tomography in paediatric glaucoma: time domain versus spectral domain. British Journal of Ophthalmology, 2013, 97, 837-842.	3.9	21
105	Microcystic Macular Changes in Primary Open-angle Glaucoma. Journal of Glaucoma, 2016, 25, 258-262.	1.6	21
106	COMPUTER-ASSISTED ASSESSMENT OF PLUS DISEASE IN RETINOPATHY OF PREMATURITY USING VIDEO INDIRECT OPHTHALMOSCOPY IMAGES. Retina, 2008, 28, 1458-1462.	1.7	20
107	Tortuosity of arterioles and venules in quantifying plus disease. Journal of AAPOS, 2009, 13, 181-185.	0.3	20
108	Significance of isolated neovascular tufts (â€œPopcornâ€) in retinopathy of prematurity. Journal of AAPOS, 1998, 2, 52-56.	0.3	19

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109	Central Corneal Thickness in Children: Stability Over Time. American Journal of Ophthalmology, 2006, 141, 955-957.	3.3	19
110	Vascular Dilation and Tortuosity in Plus Disease. JAMA Ophthalmology, 2009, 127, 109.	2.4	19
111	The effect of repeated measurements and the use of topical anesthetic on rebound tonometry values in children. Journal of AAPOS, 2014, 18, 619-621.	0.3	19
112	Second Glaucoma Drainage Devices in Refractory Pediatric Glaucoma: Failure by Fibrovascular Ingrowth. American Journal of Ophthalmology, 2014, 158, 113-117.	3.3	19
113	The macula in pediatric glaucoma: quantifying the inner and outer layers via optical coherence tomography automatic segmentation. Journal of AAPOS, 2016, 20, 332-336.	0.3	19
114	Incidence and Management of Glaucoma or Glaucoma Suspect in the First Year After Pediatric Lensectomy. JAMA Ophthalmology, 2020, 138, 71.	2.5	19
115	The accuracy of photoscreening at detecting treatable ocular conditions in children with Down syndrome. Journal of AAPOS, 2010, 14, 472-477.	0.3	18
116	Evaluating a Portable, Noncontact Fundus Camera for Retinopathy of Prematurity Screening by Nonophthalmologist Health Care Workers. Ophthalmology Retina, 2018, 2, 864-871.	2.4	18
117	Management of ocular torsion and diplopia after macular translocation for age-related macular degeneration: prospective clinical study. American Journal of Ophthalmology, 2003, 136, 640-648.	3.3	17
118	Preterm Infant Stress During Handheld Optical Coherence Tomography vs Binocular Indirect Ophthalmoscopy Examination for Retinopathy of Prematurity. JAMA Ophthalmology, 2021, 139, 567.	2.5	17
119	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, 108-116.	0.7	17
120	Pentexifylline modulates deformability, F-actin content, and superoxide anion production of polymorphonuclear leukocytes from diabetic cats. Experimental Eye Research, 1992, 55, 831-838.	2.6	16
121	Evaluation of an indirect ophthalmoscopy digital photographic system as a retinopathy of prematurity screening tool. Journal of AAPOS, 2014, 18, 36-41.	0.3	16
122	Outcomes of Bilateral Cataract Surgery in Infants 7 to 24 Months of Age Using the Toddler Aphakia and Pseudophakia Treatment Study Registry. Ophthalmology, 2021, 128, 302-308.	5.2	16
123	Optical coherence tomography (OCT) measurements in black and white children with large cup-to-disc ratios. Experimental Eye Research, 2011, 93, 299-307.	2.6	15
124	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, 448-454.	0.7	15
125	Travoprost in children: Adverse effects and intraocular pressure response. Journal of AAPOS, 2009, 13, 91-93.	0.3	14
126	Evolution of plus disease in retinopathy of prematurity: quantification by ROPtool. Transactions of the American Ophthalmological Society, 2009, 107, 47-52.	1.4	14

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127	Trabeculectomy with mitomycin-c in pediatric glaucomas. Ophthalmology, 2001, 108, 835-836.	5.2	13
128	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.	0.3	13
129	Handheld Optical Coherence Tomography Normative Inner Retinal Layer Measurements for Children <5 Years of Age. American Journal of Ophthalmology, 2019, 207, 232-239.	3.3	13
130	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.	3.3	13
131	Visual Acuity and Ophthalmic Outcomes 5 Years After Cataract Surgery Among Children Younger Than 13 Years. JAMA Ophthalmology, 2022, 140, 269.	2.5	12
132	Measurement of ocular torsion after macular translocation: disc fovea angle and maddox rod. Journal of AAPOS, 2003, 7, 103-107.	0.3	11
133	A comparison of Icare PRO and Tono-Pen XL tonometers in anesthetized children. Journal of AAPOS, 2015, 19, 332-337.	0.3	11
134	Endoscopic cyclophotocoagulation (ECP) for childhood glaucoma: a large single-center cohort experience. Journal of AAPOS, 2019, 23, 84.e1-84.e7.	0.3	11
135	Combined Intraocular Lens Implantation and Glaucoma Implant (Tube Shunt) Surgery in Pediatric Patients: A Case Series. Journal of AAPOS, 2005, 9, 330-335.	0.3	10
136	Impact of Age, Diagnosis, and History of Glaucoma Surgery on Outcomes in Pediatric Patients Treated With Latanoprost. Journal of Glaucoma, 2013, 22, 614-619.	1.6	10
137	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.	3.3	10
138	A Comparative Study of Rebound Tonometry With Tonopen and Goldmann Applanation Tonometry Following Vitreoretinal Surgery. American Journal of Ophthalmology, 2016, 161, 22-28.e8.	3.3	10
139	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.	3.3	10
140	Subclinical Retinal versus Brain Findings in Infants with Hypoxic Ischemic Encephalopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 2039-2049.	1.9	10
141	Central corneal thickness in childrenâ€"does it help or hinder our evaluation of eyes at risk for glaucoma?. Journal of AAPOS, 2008, 12, 1-2.	0.3	9
142	Fluorescein Angiographic Characteristics of Macular Edema During Infancy. JAMA Ophthalmology, 2018, 136, 538.	2.5	9
143	Non-contact retinal imaging compared to indirect ophthalmoscopy for retinopathy of prematurity screening: infant safety profile. Journal of Perinatology, 2018, 38, 1266-1269.	2.0	9
144	Three-dimensional pattern of extraretinal neovascular development in retinopathy of prematurity. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 677-688.	1.9	9

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145	Complications at 10 Years of Follow-up in the Infant Aphakia Treatment Study. Ophthalmology, 2020, 127, 1581-1583.	5.2	9
146	Parentsâ€™ expectations regarding their childrenâ€™s eye care: interview results. American Journal of Ophthalmology, 2003, 136, 797-804.	3.3	8
147	Postoperative cilioretinal artery occlusion in Sturge Weberâ€“associated glaucoma. Journal of AAPOS, 2010, 14, 358-360.	0.3	8
148	Predicting the need for laser treatment in retinopathy of prematurity using computer-assisted quantitative vascular analysis. Journal of AAPOS, 2014, 18, 114-119.	0.3	8
149	ROPtool analysis of images acquired using a noncontact handheld fundus camera (Pictor)â€”a pilot study. Journal of AAPOS, 2015, 19, 570-572.	0.3	8
150	Ultrasound evaluation ofÂglaucoma drainage devices inÂchildren. Journal of AAPOS, 2015, 19, 281-284.	0.3	8
151	Icare ONE Home Tonometry in Children With and Without Known Glaucoma. Journal of Glaucoma, 2016, 25, e66-e69.	1.6	8
152	Home Tonometry Assists Glaucoma Drainage Device Management in Childhood Glaucoma. Journal of Glaucoma, 2019, 28, 818-822.	1.6	8
153	Overhead Mounted Optical Coherence Tomography in Childhood Glaucoma Evaluation. Journal of Glaucoma, 2020, 29, 742-749.	1.6	8
154	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.	2.2	8
155	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.	0.7	7
156	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.	0.7	7
157	Foveal hypoplasia demonstrated in vivo with optical coherence tomography. American Journal of Ophthalmology, 2003, 136, 397.	3.3	6
158	Anterior segment photography in pediatric eyes using the Lytro light field handheld noncontact camera. Journal of AAPOS, 2013, 17, 572-577.	0.3	6
159	Formation of Macular Inner Nuclear Layer Cysts in Optic Atrophy. , 2016, 57, 989.		6
160	Long-term home monitoring of intraocular pressure in pediatric glaucoma. Journal of AAPOS, 2016, 20, 515-518.	0.3	6
161	Risk factors for primary congenital glaucoma in the National Birth Defects Prevention Study. American Journal of Medical Genetics, Part A, 2019, 179, 1846-1856.	1.2	6
162	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.	0.3	6

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163	Real-Time, Computer-Assisted Quantification of Plus Disease in Retinopathy of Prematurity at the Bedside. Ophthalmic Surgery Lasers and Imaging Retina, 2014, 45, 542-548.	0.7	6
164	Minimally invasive glaucoma surgery in childhood glaucoma. Current Opinion in Ophthalmology, 2022, 33, 91-96.	2.9	6
165	Extraocular Muscle Surgery for Extorsion after Macular Translocation Surgery. Ophthalmology, 2006, 113, 63-69.	5.2	5
166	Vitreous hemorrhage after trabeculotomy in aphakic eyes. Journal of AAPOS, 2013, 17, 307-308.	0.3	5
167	Rebound tonometry over an air-filled anterior chamber in the supine child after intraocular surgery. Journal of AAPOS, 2016, 20, 159-164.	0.3	5
168	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.	0.3	5
169	Third-Party Coverage for Aphakic Contact Lenses for Children. Translational Vision Science and Technology, 2019, 8, 41.	2.2	5
170	Capturing Macular Vascular Development in an Infant With Retinopathy of Prematurity. JAMA Ophthalmology, 2019, 137, 1083.	2.5	5
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