

Eileen E Birch

List of Publications by Year in descending order

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Version: 2024-02-01

265
papers

15,107
citations

15466

65
h-index

22102

113
g-index

268
all docs

268
docs citations

268
times ranked

5663
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Dietary Omega-3 Fatty Acids on Retinal Function of Very-Low-Birth-Weight Neonates. <i>Pediatric Research</i> , 1990, 28, 485-492.	1.1	554
2	A randomized controlled trial of early dietary supply of long-chain polyunsaturated fatty acids and mental development in term infants. <i>Developmental Medicine and Child Neurology</i> , 2000, 42, 174-181.	1.1	533
3	A computerized method of visual acuity testing. <i>American Journal of Ophthalmology</i> , 2003, 135, 194-205.	1.7	475
4	Visual Acuity and the Essentiality of Docosahexaenoic Acid and Arachidonic Acid in the Diet of Term Infants. <i>Pediatric Research</i> , 1998, 44, 201-209.	1.1	432
5	Essential fatty acids in visual and brain development. <i>Lipids</i> , 2001, 36, 885-895.	0.7	414
6	A Randomized Trial of Patching Regimens for Treatment of Moderate Amblyopia in Children. <i>JAMA Ophthalmology</i> , 2003, 121, 603.	2.6	407
7	Randomized Trial of Treatment of Amblyopia in Children Aged 7 to 17 Years. <i>JAMA Ophthalmology</i> , 2005, 123, 437.	2.6	400
8	Amblyopia and binocular vision. <i>Progress in Retinal and Eye Research</i> , 2013, 33, 67-84.	7.3	348
9	A randomized trial of prescribed patching regimens for treatment of severe amblyopia in children. <i>Ophthalmology</i> , 2003, 110, 2075-2087.	2.5	343
10	Treatment of Anisometropic Amblyopia in Children with Refractive Correction. <i>Ophthalmology</i> , 2006, 113, 895-903.	2.5	271
11	Stereoacuity development for crossed and uncrossed disparities in human infants. <i>Vision Research</i> , 1982, 22, 507-513.	0.7	255
12	Visual acuity and cognitive outcomes at 4 years of age in a double-blind, randomized trial of long-chain polyunsaturated fatty acid-supplemented infant formula. <i>Early Human Development</i> , 2007, 83, 279-284.	0.8	241
13	Computerized method of visual acuity testing: adaptation of the amblyopia treatment study visual acuity testing protocol 11 Additional technical information about the Electronic Visual Acuity Tester and the Amblyopia Treatment Study visual acuity testing protocol application can be obtained from the lead author (pmoke@jaeb.org). <i>American Journal of Ophthalmology</i> , 2001, 132, 903-909.	1.7	217
14	Stereoacuity at age 3.5 y in children born full-term is associated with prenatal and postnatal dietary factors: a report from a population-based cohort study. <i>American Journal of Clinical Nutrition</i> , 2001, 73, 316-322.	2.2	210
15	A randomized trial of atropine regimens for treatment of moderate amblyopia in children. <i>Ophthalmology</i> , 2004, 111, 2076-2085.e4.	2.5	207
16	The DIAMOND (DHA Intake And Measurement Of Neural Development) Study: a double-masked, randomized controlled clinical trial of the maturation of infant visual acuity as a function of the dietary level of docosahexaenoic acid. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 848-859.	2.2	196
17	A Randomized Trial to Evaluate 2 Hours of Daily Patching for Strabismic and Anisometropic Amblyopia in Children. <i>Ophthalmology</i> , 2006, 113, 904-912.	2.5	191
18	The Functional Significance of Stereopsis. , 2010, 51, 2019.		183

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19	Breast-Feeding and Optimal Visual Development. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 1993, 30, 33-38.	0.3	182
20	The critical period for surgical treatment of dense congenital bilateral cataracts. <i>Journal of AAPOS</i> , 2009, 13, 67-71.	0.2	180
21	Term infant studies of DHA and ARA supplementation on neurodevelopment: results of randomized controlled trials. <i>Journal of Pediatrics</i> , 2003, 143, 17-25.	0.9	178
22	Safety and efficacy of omega-3 fatty acids in the nutrition of very low birth weight infants: Soy oil and marine oil supplementation of formula. <i>Journal of Pediatrics</i> , 1994, 124, 612-620.	0.9	172
23	Two-Year Follow-up of a 6-Month Randomized Trial of Atropine vs Patching for Treatment of Moderate Amblyopia in Children. <i>JAMA Ophthalmology</i> , 2005, 123, 149.	2.6	168
24	Visual and brain function measurements in studies of n-3 fatty acid requirements of infants. <i>Journal of Pediatrics</i> , 1992, 120, S168-S180.	0.9	160
25	A randomized controlled trial of long-chain polyunsaturated fatty acid supplementation of formula in term infants after weaning at 6 wk of age. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 570-580.	2.2	158
26	Patching vs Atropine to Treat Amblyopia in Children Aged 7 to 12 Years. <i>JAMA Ophthalmology</i> , 2008, 126, 1634.	2.6	150
27	Visual maturation of term infants fed long-chain polyunsaturated fatty acid-supplemented or control formula for 12 mo. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 871-879.	2.2	149
28	Binocular iPad Game vs Patching for Treatment of Amblyopia in Children. <i>JAMA Ophthalmology</i> , 2016, 134, 1402.	1.4	147
29	Visual function in breast-fed term infants weaned to formula with or without long-chain polyunsaturates at 4 to 6 months: A randomized clinical trial. <i>Journal of Pediatrics</i> , 2003, 142, 669-677.	0.9	145
30	Why does early surgical alignment improve stereoacuity outcomes in infantile esotropia?. <i>Journal of AAPOS</i> , 2000, 4, 10-14.	0.2	142
31	Impact of Patching and Atropine Treatment on the Child and Family in the Amblyopia Treatment Study. <i>JAMA Ophthalmology</i> , 2003, 121, 1625.	2.6	142
32	Effect of a Binocular iPad Game vs Part-time Patching in Children Aged 5 to 12 Years With Amblyopia. <i>JAMA Ophthalmology</i> , 2016, 134, 1391.	1.4	139
33	Complications in the First 5 Years Following Cataract Surgery in Infants With and Without Intraocular Lens Implantation in the Infant Aphakia Treatment Study. <i>American Journal of Ophthalmology</i> , 2014, 158, 892-898.e2.	1.7	130
34	Binocular iPad treatment for amblyopia in preschool children. <i>Journal of AAPOS</i> , 2015, 19, 6-11.	0.2	128
35	Randot® Preschool Stereoacuity Test: Normative data and validity. <i>Journal of AAPOS</i> , 2008, 12, 23-26.	0.2	121
36	Maturation of Visual Acuity Is Accelerated in Breast-Fed Term Infants Fed Baby Food Containing DHA-Enriched Egg Yolk. <i>Journal of Nutrition</i> , 2004, 134, 2307-2313.	1.3	118

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37	The Critical Period for Susceptibility of Human Stereopsis. , 2005, 46, 521.		118
38	Impact of Early Dietary Intake and Blood Lipid Composition of Long-Chain Polyunsaturated Fatty Acids on Later Visual Development. Journal of Pediatric Gastroenterology and Nutrition, 2000, 31, 540-553.	0.9	116
39	Foveal avascular zone and foveal pit formation after preterm birth. British Journal of Ophthalmology, 2012, 96, 961-966.	2.1	110
40	FPL and VEP measures of fusion, stereopsis and stereoacuity in normal infants. Vision Research, 1996, 36, 1321-1327.	0.7	109
41	A Quantitative Study of Fixation Stability in Amblyopia. , 2013, 54, 1998.		109
42	Long-Term Motor and Sensory Outcomes After Early Surgery for Infantile Esotropia. Journal of AAPOS, 2006, 10, 409-413.	0.2	103
43	Treatment of Bilateral Refractive Amblyopia in Children Three to Less Than 10 Years of Age. American Journal of Ophthalmology, 2007, 144, 487-496.	1.7	103
44	Stereoacuity in children with anisometropic amblyopia. Journal of AAPOS, 2011, 15, 455-461.	0.2	102
45	Extracting thresholds from noisy psychophysical data. Perception & Psychophysics, 1992, 51, 409-422.	2.3	98
46	Cognitive function in 18-month-old term infants of the DIAMOND study: A randomized, controlled clinical trial with multiple dietary levels of docosahexaenoic acid. Early Human Development, 2011, 87, 223-230.	0.8	96
47	Treatment of severe amblyopia with weekend atropine: Results from 2 randomized clinical trials. Journal of AAPOS, 2009, 13, 258-263.	0.2	93
48	Reliability of the electronic early treatment diabetic retinopathy study testing protocol in children 7 to <13 years old. American Journal of Ophthalmology, 2003, 136, 655-661.	1.7	89
49	Normative pediatric visual acuity using single surrounded HOTV optotypes on the Electronic Visual Acuity Tester following the Amblyopia Treatment Study protocol. Journal of AAPOS, 2008, 12, 145-149.	0.2	89
50	Postoperative Glaucoma Following Infantile Cataract Surgery. JAMA Ophthalmology, 2014, 132, 1059.	1.4	89
51	Development of vernier acuity in infants. Vision Research, 1984, 24, 721-728.	0.7	87
52	Development of an instrument to assess vision-related quality of life in young children. American Journal of Ophthalmology, 2004, 138, 362-372.	1.7	86
53	Random Dot Stereoacuity of Preschool Children. Journal of Pediatric Ophthalmology and Strabismus, 1997, 34, 217-222.	0.3	84
54	Dichoptic movie viewing treats childhood amblyopia. Journal of AAPOS, 2015, 19, 401-405.	0.2	83

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55	The natural history of infantile esotropia during the first six months of life. Journal of AAPOS, 1998, 2, 325-328.	0.2	82
56	Amblyopic children read more slowly than controls under natural, binocular reading conditions. Journal of AAPOS, 2015, 19, 515-520.	0.2	82
57	Validity and reliability of the Children's Visual Function Questionnaire (CVFQ). Journal of AAPOS, 2007, 11, 473-479.	0.2	79
58	A Randomized Trial of Binocular Dig Rush Game Treatment for Amblyopia in Children Aged 7 to 12 Years. Ophthalmology, 2019, 126, 456-466.	2.5	79
59	The Impact of Early Nutrition on Incidence of Allergic Manifestations and Common Respiratory Illnesses in Children. Journal of Pediatrics, 2010, 156, 902-906.e1.	0.9	78
60	Factors influencing stereoacuity in accommodative esotropia. Journal of AAPOS, 2000, 4, 15-20.	0.2	77
61	Random Dot Stereoacuity Following Surgical Correction of Infantile Esotropia. Journal of Pediatric Ophthalmology and Strabismus, 1995, 32, 231-235.	0.3	77
62	New Tests of Distance Stereoacuity and Their Role in Evaluating Intermittent Exotropia. Ophthalmology, 2007, 114, 1215-1220.	2.5	74
63	Relationship between Binocular Vision, Visual Acuity, and Fine Motor Skills. Optometry and Vision Science, 2010, 87, 942-947.	0.6	72
64	Risk of amblyopia recurrence after cessation of treatment. Journal of AAPOS, 2004, 8, 420-8.	0.2	72
65	Stereoacuity and foveal fusion in adults with long-standing surgical monovision. Journal of AAPOS, 2001, 5, 342-347.	0.2	70
66	Preterm birth and visual development. Seminars in Fetal and Neonatal Medicine, 2001, 6, 487-497.	2.8	68
67	Three Randomized Controlled Trials of Early Long-Chain Polyunsaturated Fatty Acid Supplementation on Means-End Problem Solving in 9-Month-Olds. Child Development, 2009, 80, 1376-1384.	1.7	68
68	The amblyopia treatment index. Journal of AAPOS, 2001, 5, 250-254.	0.2	67
69	Validity of the Titmus and Randot circles tasks in children with known binocular vision disorders. Journal of AAPOS, 2003, 7, 333-338.	0.2	67
70	Stereopsis and long-term stability of alignment in esotropia. Journal of AAPOS, 2004, 8, 146-150.	0.2	67
71	Treatment of Strabismic Amblyopia With Refractive Correction. American Journal of Ophthalmology, 2007, 143, 1060-1063.	1.7	65
72	The Development of Vergence Does Not Account for the Onset of Stereopsis. Perception, 1983, 12, 331-336.	0.5	64

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73	Duration of long-chain polyunsaturated fatty acids availability in the diet and visual acuity. <i>Early Human Development</i> , 2005, 81, 197-203.	0.8	64
74	Binocular sensory outcomes in accommodative ET. <i>Journal of AAPOS</i> , 2003, 7, 369-373.	0.2	63
75	Stability of Visual Acuity Improvement Following Discontinuation of Amblyopia Treatment in Children Aged 7 to 12 Years. <i>JAMA Ophthalmology</i> , 2007, 125, 655.	2.6	63
76	Risk factors for abnormal binocular vision after successful alignment of accommodative esotropia. <i>Journal of AAPOS</i> , 2003, 7, 256-262.	0.2	62
77	Circular contour frequency in shape discrimination. <i>Vision Research</i> , 2002, 42, 2773-2779.	0.7	60
78	Infant Random Dot Stereoacuity Cards. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 1998, 35, 86-90.	0.3	60
79	Risk Factors for Accommodative Esotropia among Hypermetropic Children. , 2005, 46, 526.		58
80	Improvement in distance stereoacuity following surgery for intermittent exotropia. <i>Journal of AAPOS</i> , 2008, 12, 141-144.	0.2	58
81	CRITICAL PERIOD FOR FOVEAL FINE STRUCTURE IN CHILDREN WITH REGRESSED RETINOPATHY OF PREMATURITY. <i>Retina</i> , 2012, 32, 330-339.	1.0	58
82	Development of Refractive Error in Individual Children With Regressed Retinopathy of Prematurity. , 2013, 54, 6018.		58
83	Improved Binocular Outcomes Following Binocular Treatment for Childhood Amblyopia. , 2018, 59, 1221.		58
84	FORCED-CHOICE PREFERENTIAL LOOKING ACUITY OF CHILDREN WITH CORTICAL VISUAL IMPAIRMENT. <i>Developmental Medicine and Child Neurology</i> , 1991, 33, 722-729.	1.1	57
85	Stereoacuity Outcomes After Treatment of Infantile and Accommodative Esotropia. <i>Optometry and Vision Science</i> , 2009, 86, 647-652.	0.6	56
86	Infant spatiotemporal vision: Dependence of spatial contrast sensitivity on temporal frequency. <i>Vision Research</i> , 1990, 30, 1033-1048.	0.7	55
87	One Eye or Two: A Comparison of Binocular and Monocular Low-Contrast Acuity Testing in Multiple Sclerosis. <i>American Journal of Ophthalmology</i> , 2011, 152, 133-140.	1.7	55
88	Self-perception of School-aged Children With Amblyopia and Its Association With Reading Speed and Motor Skills. <i>JAMA Ophthalmology</i> , 2019, 137, 167.	1.4	55
89	Visual Acuity Development After the Implantation of Unilateral Intraocular Lenses in Infants and Young Children. <i>Journal of AAPOS</i> , 2005, 9, 527-532.	0.2	54
90	A Randomized Trial Comparing Part-Time Patching with Observation for Children 3 to 10 Years of Age with Intermittent Exotropia. <i>Ophthalmology</i> , 2014, 121, 2299-2310.	2.5	54

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91	Slow reading in children with anisometropic amblyopia is associated with fixation instability and increased saccades. <i>Journal of AAPOS</i> , 2017, 21, 447-451.e1.	0.2	51
92	Hyperacuity deficits in anisometropic and strabismic amblyopes with known ages of onset. <i>Vision Research</i> , 2000, 40, 1035-1040.	0.7	50
93	Assessing Suppression in Amblyopic Children With a Dichoptic Eye Chart. , 2016, 57, 5649.		50
94	Fixation control and eye alignment in children treated for dense congenital or developmental cataracts. <i>Journal of AAPOS</i> , 2012, 16, 156-160.	0.2	49
95	Functional Burden of Strabismus. <i>JAMA Ophthalmology</i> , 2013, 131, 1413.	1.4	49
96	Assessment of a New Distance Randot Stereoacuity Test. <i>Journal of AAPOS</i> , 2006, 10, 419-423.	0.2	46
97	Fixation instability during binocular viewing in anisometropic and strabismic children. <i>Experimental Eye Research</i> , 2019, 183, 29-37.	1.2	44
98	Infant interocular acuity differences and binocular vision. <i>Vision Research</i> , 1985, 25, 571-576.	0.7	43
99	Early binocular visual experience may improve binocular sensory outcomes in children after surgery for congenital unilateral cataract. <i>Journal of AAPOS</i> , 2001, 5, 209-216.	0.2	43
100	Improvement in Binocular Summation After Strabismus Surgery. <i>JAMA Ophthalmology</i> , 2015, 133, 326.	1.4	43
101	Development of Pediatric Eye Questionnaires for Children With Eye Conditions. <i>American Journal of Ophthalmology</i> , 2019, 200, 201-217.	1.7	43
102	Real Depth vs Randot Stereotests. <i>American Journal of Ophthalmology</i> , 2006, 142, 699-701.	1.7	42
103	Final Version of the Distance Randot Stereotest: Normative data, reliability, and validity. <i>Journal of AAPOS</i> , 2010, 14, 142-146.	0.2	41
104	Three-dimensional printing with nano-enabled filaments releases polymer particles containing carbon nanotubes into air. <i>Indoor Air</i> , 2018, 28, 840-851.	2.0	40
105	Co-development of VEP motion response and binocular vision in normal infants and infantile esotropes. <i>Investigative Ophthalmology and Visual Science</i> , 2000, 41, 1719-23.	3.3	40
106	Improvement in motor development following surgery for infantile esotropia. <i>Journal of AAPOS</i> , 2008, 12, 136-140.	0.2	39
107	Binocular iPad Treatment of Amblyopia for Lasting Improvement of Visual Acuity. <i>JAMA Ophthalmology</i> , 2015, 133, 479.	1.4	38
108	Fatty acid profile of buccal cheek cell phospholipids as an index for dietary intake of docosahexaenoic acid in preterm infants. <i>Lipids</i> , 1999, 34, 337-342.	0.7	37

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109	Interobserver test-retest reliability of the randot preschool stereoacuity test. Journal of AAPOS, 2000, 4, 354-358.	0.2	37
110	Office Probing of Congenital Nasolacrimal Duct Obstruction. Ophthalmic Surgery Lasers and Imaging Retina, 1992, 23, 482-484.	0.4	37
111	Binocular amblyopia treatment with contrast-rebalanced movies. Journal of AAPOS, 2019, 23, 160.e1-160.e5.	0.2	36
112	Association of Strabismus With Functional Vision and Eye-Related Quality of Life in Children. JAMA Ophthalmology, 2020, 138, 528.	1.4	36
113	From suppression to stereoacuity: a composite binocular function score for clinical research. Ophthalmic and Physiological Optics, 2019, 39, 53-62.	1.0	35
114	Visual Acuity Development of Children with Infantile Nystagmus Syndrome. , 2011, 52, 1404.		34
115	Quantifying Nystagmus in Infants and Young Children: Relation between Foveation and Visual Acuity Deficit. , 2011, 52, 8724.		34
116	Self-perception in Children Aged 3 to 7 Years With Amblyopia and Its Association With Deficits in Vision and Fine Motor Skills. JAMA Ophthalmology, 2019, 137, 499.	1.4	34
117	A randomized trial of DHA intake during infancy: School readiness and receptive vocabulary at 2â€“3.5years of age. Early Human Development, 2012, 88, 885-891.	0.8	33
118	Fixation instability in anisometropic children with reduced stereopsis. Journal of AAPOS, 2013, 17, 287-290.	0.2	33
119	Stereopsis Results at 4.5 Years of Age in the Infant Aphakia Treatment Study. American Journal of Ophthalmology, 2015, 159, 64-70.e2.	1.7	33
120	The role of anisometropia in the development of accommodative esotropia. Journal of AAPOS, 2001, 5, 153-157.	0.2	32
121	Progression of Intermittent, Small-Angle, and Variable Esotropia in Infancy. , 2007, 48, 661.		32
122	Validation of the Pediatric Eye Questionnaire in Children with Visual Impairment. American Journal of Ophthalmology, 2019, 208, 124-132.	1.7	32
123	Measurement of stereoacuity outcomes at ages 1 to 24 months: RandotÂ® Stereocards. Journal of AAPOS, 2005, 9, 31-36.	0.2	30
124	Preferential-Looking Acuity and Stereopsis in Infantile Esotropia. Journal of Pediatric Ophthalmology and Strabismus, 1986, 23, 160-165.	0.3	30
125	Pre-operative stability of infantile esotropia and post-operative outcome. American Journal of Ophthalmology, 2004, 138, 1003-1009.	1.7	29
126	Beyond Screening for Risk Factors. JAMA Ophthalmology, 2014, 132, 814.	1.4	29

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127	Instability of Ocular Alignment in Childhood Esotropia. <i>Ophthalmology</i> , 2008, 115, 2266-2274.e4.	2.5	28
128	Course of Development of Global Hyperacuity Over Lifespan. <i>Optometry and Vision Science</i> , 2009, 86, 695-700.	0.6	28
129	Quality of life and functional vision concerns of children with cataracts and their parents. <i>Eye</i> , 2016, 30, 1251-1259.	1.1	28
130	Factors Associated with Impaired Motor Skills in Strabismic and Anisometropic Children. , 2020, 61, 43.		26
131	Risk factors for the development of accommodative esotropia following treatment for infantile esotropia. <i>Journal of AAPOS</i> , 2002, 6, 174-181.	0.2	25
132	Comparison of the Amblyopia Treatment Study HOTV and the Electronic-Early Treatment of Diabetic Retinopathy Study visual acuity protocols in amblyopic children aged 5 to 11 years. <i>Journal of AAPOS</i> , 2009, 13, 75-78.	0.2	25
133	The clinical profile of amblyopia in children younger than 3 years of age. <i>Journal of AAPOS</i> , 2010, 14, 494-497.	0.2	25
134	The Impact of Dietary Long-Chain Polyunsaturated Fatty Acids on Respiratory Illness in Infants and Children. <i>Current Allergy and Asthma Reports</i> , 2012, 12, 564-573.	2.4	24
135	Understanding the Impact of Residual Amblyopia on Functional Vision and Eye-related Quality of Life Using the PedEyeQ. <i>American Journal of Ophthalmology</i> , 2020, 218, 173-181.	1.7	24
136	Altered global shape discrimination in deprivation amblyopia. <i>Vision Research</i> , 2004, 44, 167-177.	0.7	23
137	Pupillometric measures of retinal sensitivity in infants and adults with retinitis pigmentosa. <i>Vision Research</i> , 1987, 27, 499-505.	0.7	22
138	The association between myopic shift and visual acuity outcome in pediatric aphakia. <i>Journal of AAPOS</i> , 2003, 7, 86-90.	0.2	22
139	Longitudinal changes in refractive error of children with infantile esotropia. <i>Eye</i> , 2010, 24, 1814-1821.	1.1	22
140	Fellow Eye Deficits in Amblyopia. <i>Journal of Binocular Vision and Ocular Motility</i> , 2019, 69, 116-125.	0.5	22
141	Baseline and Clinical Factors Associated with Response to Amblyopia Treatment in a Randomized Clinical Trial. <i>Optometry and Vision Science</i> , 2020, 97, 316-323.	0.6	22
142	Randomized clinical trial of streaming dichoptic movies versus patching for treatment of amblyopia in children aged 3 to 7 years. <i>Scientific Reports</i> , 2022, 12, 4157.	1.6	22
143	Comparison of Crowding Bar and Linear Optotype Acuity in Amblyopia. <i>American Orthoptic Journal</i> , 1990, 40, 51-56.	0.3	21
144	Pediatric ophthalmology and childhood reading difficulties. <i>Journal of AAPOS</i> , 2017, 21, 442-444.	0.2	21

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145	Multiple-Choice Answer Form Completion Time in Children With Amblyopia and Strabismus. JAMA Ophthalmology, 2018, 136, 938.	1.4	21
146	Relationship among clinical factors in childhood intermittent exotropia. Journal of AAPOS, 2017, 21, 268-273.	0.2	20
147	Operant Acuity of Toddlers and Developmentally Delayed Children With Low Vision. Journal of Pediatric Ophthalmology and Strabismus, 1987, 24, 64-69.	0.3	20
148	Looking to develop sight. Nature, 2012, 487, 441-442.	13.7	19
149	Impaired Fellow Eye Motion Perception and Abnormal Binocular Function. , 2019, 60, 3374.		18
150	Normative Reference Ranges for Binocular Summation as a Function of Age for Low Contrast Letter Charts. Strabismus, 2014, 22, 167-175.	0.4	17
151	Recent Advances in Screening and Treatment for Amblyopia. Ophthalmology and Therapy, 2021, 10, 815-830.	1.0	17
152	Predicting long-term visual outcome in children with birth weight under 1001 g. Journal of AAPOS, 2007, 11, 541-545.	0.2	16
153	Analytical High-resolution Electron Microscopy Reveals Organ-specific Nanoceria Bioprocessing. Toxicologic Pathology, 2018, 46, 47-61.	0.9	16
154	Quality of life and functional vision across pediatric eye conditions assessed using the PedEyeQ. Journal of AAPOS, 2021, 25, 23.e1-23.e5.	0.2	16
155	Motion detection in normal infants and young patients with infantile esotropia. Vision Research, 2005, 45, 1557-1567.	0.7	15
156	A randomized controlled trial of early dietary supply of long-chain polyunsaturated fatty acids and mental development in term infants. Developmental Medicine and Child Neurology, 2000, 42, 174-181.	1.1	14
157	The relationship between preoperative alignment stability and postoperative motor outcomes in children with esotropia. Journal of AAPOS, 2009, 13, 335-338.	0.2	14
158	Patient-derived questionnaire items for patient-reported outcome measures in pediatric eye conditions. Journal of AAPOS, 2018, 22, 445-448.e22.	0.2	13
159	Direction-of-Motion Detection and Motion VEP Asymmetries in Normal Children and Children with Infantile Esotropia. , 2007, 48, 5523.		12
160	Childhood esotropia: child and parent concerns. Journal of AAPOS, 2016, 20, 295-300.e1.	0.2	12
161	Bilateral childhood visual impairment: child and parent concerns. Journal of AAPOS, 2017, 21, 183.e1-183.e7.	0.2	12
162	Visual Acuity and Ophthalmic Outcomes 5 Years After Cataract Surgery Among Children Younger Than 13 Years. JAMA Ophthalmology, 2022, 140, 269.	1.4	12

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163	Probability summation of acuity in the human infant. <i>Vision Research</i> , 1992, 32, 1999-2003.	0.7	11
164	Factors Affecting Development of Motor Skills in Extremely Low Birth Weight Children. <i>Strabismus</i> , 2009, 17, 20-23.	0.4	11
165	Vernier Acuity Cards: Examination of Development and Screening Validity. <i>Optometry and Vision Science</i> , 2010, 87, E806-E812.	0.6	10
166	High specificity of the Pediatric Vision Scanner in a private pediatric primary care setting. <i>Journal of AAPOS</i> , 2015, 19, 521-525.	0.2	10
167	Eye-related quality of life and functional vision in children wearing glasses. <i>Journal of AAPOS</i> , 2020, 24, 91.e1-91.e6.	0.2	10
168	Factors Influencing Sensory Outcome Following Surgical Correction of Infantile Esotropia. <i>American Orthoptic Journal</i> , 2002, 52, 69-74.	0.3	9
169	Preschool Worth 4-Shape test: Testability, reliability, and validity. <i>Journal of AAPOS</i> , 2002, 6, 247-251.	0.2	9
170	Oral reading after treatment of dense congenital unilateral cataract. <i>Journal of AAPOS</i> , 2010, 14, 227-231.	0.2	9
171	Visual Acuity Assessment of Children with Special Needs. <i>American Orthoptic Journal</i> , 2012, 62, 90-98.	0.3	9
172	Longitudinal Development of Refractive Error in Children With Accommodative Esotropia: Onset, Amblyopia, and Anisometropia. , 2016, 57, 2203.		9
173	Modified Test Protocol Improves Sensitivity of the Stereo Fly Test. <i>American Orthoptic Journal</i> , 2016, 66, 122-125.	0.3	9
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