

Robert W Arnold

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

3,181
citations

318942

23
h-index

190340

53
g-index

127
all docs

127
docs citations

127
times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	AAPOS uniform guidelines for instrument-based pediatric vision screen validation 2021. Journal of AAPOS, 2022, 26, 1.e1-1.e6.	0.2	18
2	The positive predictive value of photoscreening devices for amblyogenic conditions. Journal of AAPOS, 2022, , .	0.2	0
3	Pediatric Non-Refractive Vision Screening with EyeSwift, PDI Check and Blinq: Non-Refractive Vision Screening with Two Binocular Video Games and Birefringent Scanning. Clinical Ophthalmology, 2022, Volume 16, 375-384.	0.9	4
4	Instrument Referral Criteria for PlusoptiX, SPOT and 2WIN Targeting 2021 AAPOS Guidelines. Clinical Ophthalmology, 2022, Volume 16, 489-505.	0.9	6
5	Multifaceted Amblyopia Screening with blinq, 2WIN, and PDI Check. Clinical Ophthalmology, 2022, Volume 16, 411-421.	0.9	3
6	Reply. Journal of AAPOS, 2022, , .	0.2	0
7	Grading Sphero-Cylinder Spectacle Similarity. Clinical Optometry, 2021, Volume 13, 23-32.	0.4	4
8	Drive-by Photoscreening: Plusoptix, 2WIN and Blinq Amblyopia Detection During the COVID-19 Pandemic. Clinical Ophthalmology, 2021, Volume 15, 775-782.	0.9	10
9	Extraordinary Dynamic Near Vision in Champion Shotgun Shooters: PDI Check Evaluation of Stereo and Color without Floor Effect. Clinical Ophthalmology, 2021, Volume 15, 575-581.	0.9	4
10	Anesthetic Impacts on the Oculocardiac Reflex: Evidence from a Large, Observational Study. Clinical Ophthalmology, 2021, Volume 15, 973-981.	0.9	5
11	Digital Values for Alpha Acuties. Journal of Pediatric Ophthalmology and Strabismus, 2021, 58, 132-135.	0.3	4
12	Opsoclonus After COVID-19 in an Infant. Pediatric Neurology, 2021, 117, 34.	1.0	11
13	Drive-by Photoscreening [Response to Letter]. Clinical Ophthalmology, 2021, Volume 15, 1463-1464.	0.9	0
14	Trichromatic Enhanced Dynamic Color Screening on the PDI Check Nintendo 3DS Game. Clinical Optometry, 2021, Volume 13, 137-141.	0.4	2
15	The Oculocardiac Reflex: A Review. Clinical Ophthalmology, 2021, Volume 15, 2693-2725.	0.9	21
16	Ellipsoid Spectacle Comparison of Plusoptix, Retinomax and 2WIN Autorefractors. Clinical Ophthalmology, 2021, Volume 15, 3637-3648.	0.9	5
17	Two-Year Outcomes of Infants with Stage 2 or Higher Retinopathy of Prematurity: Results from a Large Multicenter Registry. American Journal of Perinatology, 2020, 37, 196-203.	0.6	3
18	Smartphone app correlates well with standard visual screening assessment. Journal of Pediatrics, 2020, 216, 242-245.	0.9	2

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19	<p></p>Performance of Glow Fixation GoCheck Kids and 2WIN Photoscreeners and Retinomax to Uncover Hyperopia</p>. Clinical Ophthalmology, 2020, Volume 14, 2237-2244.	0.9	7
20	<p></p>Oculocardiac Reflex During ROP Exams</p>. Clinical Ophthalmology, 2020, Volume 14, 4263-4269.	0.9	7
21	<p></p>The Impact of Re-Operation, Relatives and Race on the Oculocardiac Reflex During Strabismus Surgery</p>. Clinical Ophthalmology, 2020, Volume 14, 4253-4261.	0.9	5
22	<p></p>Comparative AAPOS Validation of the blinq. Birefringent Amblyopia Screener with Isolated Small-Angle Strabismus [Response to Letter]</p>. Clinical Ophthalmology, 2020, Volume 14, 2775-2776.	0.9	2
23	<p></p>Performance of Two Photoscreeners Enhanced by Protective Cases</p>. Clinical Ophthalmology, 2020, Volume 14, 1427-1435.	0.9	10
24	<p></p>Comparative AAPOS Validation of the Birefringent Amblyopia Screener with Isolated Small-Angle Strabismus</p>. Clinical Ophthalmology, 2020, Volume 14, 325-329.	0.9	12
25	<p></p>Direct OPTOS Nerve Size Determination of Prevalent Optic Nerve Hypoplasia in Alaska</p>. Clinical Ophthalmology, 2020, Volume 14, 491-499.	0.9	4
26	Experiences in Telemedicine for Pediatric Ophthalmology. Journal of Pediatric Ophthalmology and Strabismus, 2020, 57, 344-347.	0.3	4
27	<p></p>School bus accommodation-relaxing skiascopy</p>. Clinical Ophthalmology, 2019, Volume 13, 1841-1851.	0.9	7
28	<p></p>Calibrated measurement of acuity, color and stereopsis on a Nintendo^{®} 3DS^{®} game console</p>. Clinical Optometry, 2019, Volume 11, 47-55.	0.4	9
29	Performance of the 2WIN Photoscreener With $\hat{\alpha}$-Strabismus Estimation in High-Risk Patients. American Journal of Ophthalmology, 2019, 207, 195-203.	1.7	14
30	The oculocardiac reflex and depth of anesthesia measured by brain wave. BMC Anesthesiology, 2019, 19, 36.	0.7	20
31	Compared Near-Vision Testing With the Nintendo 3DS PDI Check Game on the Thai^{"}Burma Border. Asia-Pacific Journal of Ophthalmology, 2019, 8, 330-334.	1.3	7
32	<p></p>Does Topical Proparacaine Improve Postoperative Comfort After Strabismus Surgery?</p>. Clinical Ophthalmology, 2019, Volume 13, 2279-2283.	0.9	4
33	Reply. Journal of AAPOS, 2019, 23, 62.	0.2	1
34	Performance of a Quick Screening Version of the Nintendo 3DS PDI Check Game in Patients With Ocular Suppression. Journal of Pediatric Ophthalmology and Strabismus, 2019, 56, 234-237.	0.3	8
35	Eagle Retinopathy: Bilateral, Symmetric Pitched-Dihedral Pattern Retinopathy. Ophthalmology Retina, 2018, 2, 251-253.	1.2	0
36	Sensory testing and stereopsis with nintendo 3DS game. Journal of AAPOS, 2018, 22, e16.	0.2	1

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37	Evaluation of a smartphone photoscreening app to detect refractive amblyopia risk factors in children aged 1–6 years. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 1533-1537.	0.9	36
38	Factors associated with retinopathy of prematurity ophthalmology workload. <i>Journal of Perinatology</i> , 2018, 38, 1588-1593.	0.9	3
39	Intravenous dexmedetomidine augments the oculocardiac reflex. <i>Journal of AAPOS</i> , 2018, 22, 211-213.e1.	0.2	19
40	The Positive Predictive Value of Smartphone Photoscreening in Pediatric Practices. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2018, 55, 393-396.	0.3	20
41	Portable acuity screening for any school: validation of patched HOTV with amblyopic patients and Bangerter normals. <i>BMC Ophthalmology</i> , 2017, 17, 232.	0.6	6
42	Toward Achieving 100% Adherence for Retinopathy of Prematurity Screening Guidelines. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2017, 54, 356-362.	0.3	5
43	Outpatient, Wide-Field, Digital Imaging of Infants With Retinopathy of Prematurity. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2017, 48, 494-497.	0.4	8
44	Dexmedetomidine Nasal Sedation Produces More Oculocardiac Reflex During Strabismus Surgery. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2016, 53, 318-318.	0.3	10
45	A Multi-tool to Reduce Nasolacrimal Stent Complications With the Home-Removable Farson Crawford Tube. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2016, 53, 52-54.	0.3	2
46	Do we need to directly detect astigmatism when photoscreening for amblyopia risk factors (ARFs)? <i>Journal of AAPOS</i> , 2015, 19, e61.	0.2	2
47	Performance of Four New Photoscreeners on Pediatric Patients With High Risk Amblyopia. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2014, 51, 46-52.	0.3	53
48	Calibration and Validation of the 2WIN Photoscreener Compared to the PlusoptiX S12 and the SPOT. <i>Plant Systematics and Evolution</i> , 2014, 51, 289-292.	0.3	36
49	Comparison of the iScreen and the MTI photoscreeners for the detection of amblyopia risk factors in children. <i>Journal of AAPOS</i> , 2013, 17, 34-37.	0.2	15
50	Guidelines for automated preschool vision screening: A 10-year, evidence-based update. <i>Journal of AAPOS</i> , 2013, 17, 4-8.	0.2	218
51	Amblyopia Risk Factor Prevalence. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2013, 50, 213-217.	0.3	56
52	Calibration and Validation of Nine Objective Vision Screeners With Contact Lens-Induced Anisometropia. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2013, 50, 184-190.	0.3	10
53	Pediatric photoscreeners in high risk patients 2012: a comparison study of Plusoptix, Iscreen and SPOT. <i>Binocular Vision & Strabology Quarterly, Simms-Romano's</i> , 2013, 28, 20-8.	0.2	10
54	Amblyopia Refractive Risk Factors. <i>Ophthalmology</i> , 2012, 119, 1283.	2.5	4

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55	A Cloud-Based Electronic Medical Record for Scheduling, Tracking, and Documenting Examinations and Treatment of Retinopathy of Prematurity. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2012, 49, 342-346.	0.3	3
56	A Video Educational and Consenting System for ROP. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2012, 49, 382-382.	0.3	3
57	Predictive value from pediatrician plusoptix screening: impact of refraction and binocular alignment. <i>Binocular Vision & Strabology Quarterly, Simms-Romano's</i> , 2012, 27, 227-32.	0.2	2
58	Can a Photoscreener Help us Remotely Evaluate and Manage Amblyopia?. <i>American Orthoptic Journal</i> , 2011, 61, 124-127.	0.3	4
59	Peripheral Retinal Nonperfusion in Septo-optic Dysplasia. <i>JAMA Ophthalmology</i> , 2011, 129, 1508.	2.6	0
60	Stereopsis and 3-D Movies. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2011, 48, 199-201.	0.3	6
61	Prevalence of Refractive Error. <i>Ophthalmology</i> , 2010, 117, 1652.	2.5	5
62	Treatment Options for Dense Amblyopia in Uncooperative Children. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2010, 47, 134-138.	0.3	1
63	Comparison Between the plusoptiX and MTI Photoscreeners. <i>JAMA Ophthalmology</i> , 2009, 127, 1591.	2.6	38
64	Amblyopia and Strabismus Prevalence. <i>Ophthalmology</i> , 2009, 116, 365-366.	2.5	5
65	Overcoming barriers to pediatric visual acuity screening through education plus provision of materials. <i>Journal of AAPOS</i> , 2009, 13, 151-154.	0.2	9
66	Contrast Sensitivity Following Amblyopia Treatment in Children. <i>JAMA Ophthalmology</i> , 2009, 127, 1225.	2.6	24
67	Frequent ROP Associated With Hypoxic Protocol. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2009, 46, 253-253.	0.3	3
68	Monocular Oral Reading Performance After Amblyopia Treatment in Children. <i>American Journal of Ophthalmology</i> , 2008, 146, 942-947.	1.7	17
69	Refractive Error in Myanmar. <i>Ophthalmology</i> , 2008, 115, 1642-1643.	2.5	3
70	Instability of Ocular Alignment in Childhood Esotropia. <i>Ophthalmology</i> , 2008, 115, 2266-2274.e4.	2.5	28
71	A Randomized Trial of Atropine vs Patching for Treatment of Moderate Amblyopia. <i>JAMA Ophthalmology</i> , 2008, 126, 1039.	2.6	107
72	Sutured Protective Occluder for Severe Amblyopia. <i>JAMA Ophthalmology</i> , 2008, 126, 891.	2.6	15

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73	Preverbal Photoscreening for Amblyogenic Factors and Outcomes in Amblyopia Treatment. JAMA Ophthalmology, 2008, 126, 489.	2.6	76
74	Optic Nerve Hypoplasia Potentiates Retinopathy of Prematurity. Journal of Pediatric Ophthalmology and Strabismus, 2008, 45, 247-249.	0.3	10
75	Estimated Cost of an ROP Locum Tenens Program. Journal of Pediatric Ophthalmology and Strabismus, 2008, 45, 6.	0.3	1
76	Tent photoscreening and patched HOTV visual acuity by school nurses: validation of the ASD-ABCD protocol. (Anchorage School District- Alaska Blind Child Discovery program). Binocular Vision & Strabismus Quarterly, 2008, 23, 83-94.	0.0	11
77	Treatment of Strabismic Amblyopia With Refractive Correction. American Journal of Ophthalmology, 2007, 143, 1060-1063.	1.7	65
78	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
79	Monocanalicular silastic intubation for the initial correction of congenital nasolacrimal duct obstruction. Journal of AAPOS, 2007, 11, 416.	0.2	1
80	Validated portable pediatric vision screening in the Alaska Bush. A VIPS-like study in the Koyukon. Alaska Medicine, 2007, 49, 2-15.	0.1	6
81	Predictive value of inexpensive digital eye and vision photoscreening: "PPV of ABCD". Binocular Vision & Strabismus Quarterly, 2007, 22, 148-52.	0.0	2
82	Radio-opaque modification/substitute for the wright superior oblique tendon extender for superior oblique muscle overaction strabismus. Binocular Vision & Strabismus Quarterly, 2007, 22, 216-20.	0.0	0
83	Treatment of Anisometropic Amblyopia in Children with Refractive Correction. Ophthalmology, 2006, 113, 895-903.	2.5	271
84	A Randomized Trial to Evaluate 2 Hours of Daily Patching for Strabismic and Anisometropic Amblyopia in Children. Ophthalmology, 2006, 113, 904-912.	2.5	191
85	A Comparison of Patched HOTV Visual Acuity and Photoscreening. Journal of School Nursing, 2006, 22, 237-243.	0.9	23
86	The Compared Predictive Value of Brackner, Acuity, and Strabismus from Pediatric Referrals. American Orthoptic Journal, 2006, 56, 15-21.	0.3	8
87	The yield and challenges of charitable state-wide photoscreening. Binocular Vision & Strabismus Quarterly, 2006, 21, 93-100.	0.0	13
88	Is Pacific Race a Retinopathy of Prematurity Risk Factor?. JAMA Pediatrics, 2005, 159, 771.	3.6	31
89	Korean kindergarten vision screen programme. British Journal of Ophthalmology, 2005, 89, 392-393.	2.1	2
90	The Receiver-Operator Curve for Flip-Card Surround HOTV in Younger School Children: Validation of a Simple Flip Card for School Acuity Testing. American Orthoptic Journal, 2005, 55, 128-135.	0.3	5

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91	A Randomized Pilot Study of Near Activities Versus Non-Near Activities During Patching Therapy for Amblyopia. <i>Journal of AAPOS</i> , 2005, 9, 129-136.	0.2	76
92	The Cost and Yield of Photoscreening: Impact of Photoscreening on Overall Pediatric Ophthalmic Costs. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2005, 42, 103-111.	0.3	26
93	Comparison of preschool vision screening tests as administered by licensed eye care professionals in the vision in preschoolers study*1. <i>Ophthalmology</i> , 2004, 111, 637-650.	2.5	265
94	Vision in Preschoolers Study. <i>Ophthalmology</i> , 2004, 111, 2313.	2.5	8
95	Using diazepam and atropine before strabismus surgery to prevent postoperative nausea and vomiting: a randomized, controlled study. <i>Journal of AAPOS</i> , 2004, 8, 211.	0.2	0
96	Vision screening for children: current trends, technology, and legislative issues. <i>Current Opinion in Ophthalmology</i> , 2004, 15, 454-459.	1.3	10
97	Pediatric Photoscreening. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2004, 41, 72-76.	0.3	2
98	Calibration of Photoscreeners for Single-Subject, Contact-Induced Hyperopic Anisometropia. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2004, 41, 150-158.	0.3	13
99	Pseudo-false positive eye/vision photoscreening due to accommodative insufficiency. A serendipitous benefit for poor readers?. <i>Binocular Vision & Strabismus Quarterly</i> , 2004, 19, 75-80.	0.0	7
100	Duration and effect of single-dose atropine: paralysis of accommodation in penalization treatment of functional amblyopia. <i>Binocular Vision & Strabismus Quarterly</i> , 2004, 19, 81-6.	0.0	10
101	The profound augmentation of the oculocardiac reflex by fast acting opioids. <i>Binocular Vision & Strabismus Quarterly</i> , 2004, 19, 215-22.	0.0	38
102	Amblyopia detection by camera: Gateway to portable, inexpensive vision screening (calibration and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	4
103	Letter to the Editor. <i>Ophthalmic and Physiological Optics</i> , 2003, 23, 571-571.	1.0	1
104	Preschool vision screening: what should we be detecting and how should we report it? Uniform guidelines for reporting results of preschool vision screening studies. <i>Journal of AAPOS</i> , 2003, 7, 314-316.	0.2	225
105	Macular Hole Without Hemorrhages and Shaken Baby Syndrome: Practical Medicolegal Documentation of Children's Eye Trauma. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2003, 40, 355-357.	0.3	8
106	The effect of induced muscle tension and fatigue on the oculocardiac reflex. <i>Binocular Vision & Strabismus Quarterly</i> , 2003, 18, 81-6.	0.0	15
107	Highly specific photoscreening at the Alaska State Fair. Valid Alaska Blind Child Discovery photography and interpretation. <i>Alaska Medicine</i> , 2003, 45, 34-40.	0.1	5
108	A Randomized Trial of Atropine vs Patching for Treatment of Moderate Amblyopia in Children. <i>JAMA Ophthalmology</i> , 2002, 120, 268.	2.6	511

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109	Use of a Consumer Video System to Enhance Low Vision in Children and Adults. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2002, 39, 245-247.	0.3	3
110	The attenuating effect of intraglossal atropine on the oculocardiac reflex. <i>Binocular Vision & Strabismus Quarterly</i> , 2002, 17, 313-8.	0.0	14
111	Hypobaric ocular trauma from a Popper. <i>Journal of AAPOS</i> , 1999, 3, 61-62.	0.2	2
112	The Tundra Swan strabismus retractor. <i>Journal of AAPOS</i> , 1998, 2, 184-185.	0.2	1
113	Limbus-Based External Reference Coagulation in Transscleral Diode Laser Photocoagulation for Threshold Retinopathy of Prematurity. <i>JAMA Ophthalmology</i> , 1998, 116, 1404.	2.6	2
114	Prolonged Oculocardiac Reflex During Strabismus Surgery Under Topical Anesthesia. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 1997, 34, 252-254.	0.3	13
115	Head Tilt Due to Null-Point See-Saw Nystagmus. <i>American Orthoptic Journal</i> , 1996, 46, 181-184.	0.3	2
116	Bilateral Monocanalicular Silicone Loop: Predictable Home Removal of Nasolacrimal Stents. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 1995, 32, 200-201.	0.3	11
117	Lack of Global Vagal Propensity in Patients with Oculocardiac Reflex. <i>Ophthalmology</i> , 1994, 101, 1347-1352.	2.5	26
118	Lyme Amaurosis in a Child. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 1993, 30, 268-270.	0.3	12
119	Sensitivity to Vasovagal Maneuvers in Normal Children and Adults. <i>Mayo Clinic Proceedings</i> , 1991, 66, 797-804.	1.4	29
120	Quantification of Afferent Pupillary Defect by Double Polarized Filter. <i>JAMA Ophthalmology</i> , 1990, 108, 1666.	2.6	5
121	The Oculocardiac Reflex in Identical Twins. <i>JAMA Ophthalmology</i> , 1988, 106, 879-879.	2.6	4
122	Magnetized Forceps for Metallic Corneal Foreign Bodies. <i>JAMA Ophthalmology</i> , 1988, 106, 1502.	2.6	2