Graham E Quinn

List of Publications by Year
in descending order

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100 papers	6,265 citations	87723 38 h-index	66788 78 g-index
102 all docs	102 docs citations	102 times ranked	3063 citing authors

#	Article	IF	Citations
1	Incidence and Early Course of Retlnonathy of Prematurity. Ophthalmology, 1991, 98, 1628-1640.	2.5	627
2	Characteristics of Infants With Severe Retinopathy of Prematurity in Countries With Low, Moderate, and High Levels of Development: Implications for Screening Programs. Pediatrics, 2005, 115, e518-e525.	1.0	597
3	International Classification of Retinopathy of Prematurity, Third Edition. Ophthalmology, 2021, 128, e51-e68.	2.5	280
4	Evidence-Based Screening Criteria for Retinopathy of Prematurity. JAMA Ophthalmology, 2002, 120, 1470.	2.6	248
5	15-Year Outcomes Following Threshold Retinopathy of Prematurity. JAMA Ophthalmology, 2005, 123, 311.	2.6	240
6	A randomized trial of atropine regimens for treatment of moderate amblyopia in children. Ophthalmology, 2004, 111, 2076-2085.e4.	2.5	207
7	Validity of a Telemedicine System for the Evaluation of Acute-Phase Retinopathy of Prematurity. JAMA Ophthalmology, 2014, 132, 1178.	1.4	182
8	Development of Myopia in Infants with Birth Weights Less than 1251 Grams. Ophthalmology, 1992, 99, 329-340.	2.5	173
9	Prevalence of myopia between 3 months and 5 12 years in preterm infants with and without retinopathy of prematurity. Ophthalmology, 1998, 105, 1292-1300.	2.5	172
10	Visual Acuity in Infants after Vitrectomy for Severe Retinopathy of Prematurity. Ophthalmology, 1991, 98, 5-13.	2.5	165
11	Intravitreal Bevacizumab versus Laser Treatment in Type 1 Retinopathy of Prematurity. Ophthalmology, 2014, 121, 2212-2219.	2.5	163
12	Severity of Neonatal Retinopathy of Prematurity Is Predictive of Neurodevelopmental Functional Outcome at Age 5.5 Years. Pediatrics, 2000, 106, 998-1005.	1.0	146
13	Relationship of Prolonged Pharmacologic Serum Levels of Vitamin E to Incidence of Sepsis and Necrotizing Enterocolitis in Infants with Birth Weight 1,500 Grams or Less. Pediatrics, 1985, 75, 619-638.	1.0	144
14	Agreement among pediatric ophthalmologists in diagnosing plus and pre-plus disease in retinopathy of prematurity. Journal of AAPOS, 2008, 12, 352-356.	0.2	140
15	The CHOP Postnatal Weight Gain, Birth Weight, and Gestational Age Retinopathy of Prematurity Risk Model. JAMA Ophthalmology, 2012, 130, 1560.	2.6	126
16	Risk Analysis of Prethreshold Retinopathy of Prematurity. JAMA Ophthalmology, 2003, 121, 1697.	2.6	113
17	Risk Factors for Amblyopia in the Vision in Preschoolers Study. Ophthalmology, 2014, 121, 622-629.e1.	2.5	112
18	Pathophysiology, screening and treatment of ROP: A multi-disciplinary perspective. Progress in Retinal and Eye Research, 2018, 62, 77-119.	7.3	109

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19	Are we there yet? Bevacizumab therapy for retinopathy of prematurity. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2013, 98, F170-F174.	1.4	100
20	Atlas of Fluorescein Angiographic Findings in Eyes Undergoing Laser for Retinopathy of Prematurity. Ophthalmology, 2011, 118, 168-175.	2.5	99
21	Progression of myopia and high myopia in the Early Treatment for Retinopathy of Prematurity Study: Findings at 4 to 6 years of age. Journal of AAPOS, 2013, 17, 124-128.	0.2	98
22	Follow-up to Age 4 Years of Treatment of Type 1 Retinopathy of Prematurity Intravitreal Bevacizumab Injection versus Laser: Fluorescein Angiographic Findings. Ophthalmology, 2018, 125, 218-226.	2.5	97
23	Uncorrected Hyperopia and Preschool EarlyÂLiteracy. Ophthalmology, 2016, 123, 681-689.	2.5	94
24	Progression of Myopia and High Myopia in the Early Treatment for Retinopathy of Prematurity Study. Ophthalmology, 2008, 115, 1058-1064.e1.	2.5	93
25	Development of Modified Screening Criteria for Retinopathy of Prematurity. JAMA Ophthalmology, 2018, 136, 1034.	1.4	78
26	Prevalence of Vision Disorders by Racial and Ethnic Group among Children Participating in Head Start. Ophthalmology, 2014, 121, 630-636.	2.5	75
27	Grating Visual Acuity Results in the Early Treatment for Retinopathy of Prematurity Study. JAMA Ophthalmology, 2011, 129, 840-846.	2.6	70
28	Prevalence of Myopia at 9 Months in Infants with High-Risk Prethreshold Retinopathy of Prematurity. Ophthalmology, 2005, 112, 1564-1568.	2.5	69
29	Validated System for Centralized Grading of Retinopathy of Prematurity. JAMA Ophthalmology, 2015, 133, 675.	1.4	69
30	Incidence and Early Course of Retinopathy of Prematurity. JAMA Ophthalmology, 2018, 136, 1383.	1.4	66
31	Predictors for the Development of Referral-Warranted Retinopathy of Prematurity in the Telemedicine Approaches to Evaluating Acute-Phase Retinopathy of Prematurity (e-ROP) Study. JAMA Ophthalmology, 2015, 133, 304.	1.4	65
32	Educational and Social Competencies at 8 Years in Children With Threshold Retinopathy of Prematurity in the CRYO-ROP Multicenter Study. Pediatrics, 2004, 113, 790-799.	1.0	61
33	Outbreak of Adenovirus in a Neonatal Intensive Care Unit. Ophthalmology, 2019, 126, 137-143.	2.5	58
34	Health-Related Quality of Life at Age 10 Years in Very Low-Birth-WeightChildren With and Without Threshold Retinopathy of Prematurity. JAMA Ophthalmology, 2004, 122, 1659.	2.6	57
35	Validation of the Postnatal Growth and Retinopathy of Prematurity Screening Criteria. JAMA Ophthalmology, 2020, 138, 31.	1.4	54
36	Astigmatism in the Early Treatment for Retinopathy of Prematurity Study. Ophthalmology, 2009, 116, 332-339.	2.5	48

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37	Potential for a paradigm change in the detection of retinopathy of prematurity requiring treatment. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, 6-9.	1.4	46
38	Changes in Course of Retinopathy of Prematurity from 1986 to 2013. Ophthalmology, 2016, 123, 1595-1600.	2.5	43
39	Stereoacuity of Preschool Children with and without Vision Disorders. Optometry and Vision Science, 2014, 91, 351-358.	0.6	41
40	Visual Field Extent at 6 Years of Age in Children Who Had High-Risk Prethreshold Retinopathy of Prematurity. JAMA Ophthalmology, 2011, 129, 127.	2.6	38
41	Analysis of Discrepancy Between Diagnostic Clinical Examination Findings and Corresponding Evaluation of Digital Images in the Telemedicine Approaches to Evaluating Acute-Phase Retinopathy of Prematurity Study. JAMA Ophthalmology, 2016, 134, 1263.	1.4	36
42	Associations between Hyperopia and Other Vision and Refractive Error Characteristics. Optometry and Vision Science, 2014, 91, 383-389.	0.6	35
43	Reproducibility of Circumpapillary Retinal Nerve Fiber Layer Measurements Using Handheld Optical Coherence Tomography in Sedated Children. American Journal of Ophthalmology, 2014, 158, 780-787.e1.	1.7	34
44	Astigmatism Progression in the Early Treatment for Retinopathy of Prematurity Study to 6 Years of Age. Ophthalmology, 2011, 118, 2326-2329.	2.5	33
45	Concerns for Development After Bevacizumab Treatment of ROP. Pediatrics, 2016, 137, .	1.0	33
46	Intra- and Inter-visit Reproducibility of Ganglion Cellâ€“Inner Plexiform Layer Measurements Using Handheld Optical Coherence Tomography in Children With Optic Pathway Gliomas. American Journal of Ophthalmology, 2014, 158, 916-923.e1.	1.7	30
47	The role of retinal photography and telemedicine in ROP screening. Seminars in Perinatology, 2019, 43, 367-374.	1.1	30
48	Retinopathy of prematurity: an epidemic in the making. Chinese Medical Journal, 2010, 123, 2929-37.	0.9	30
49	Safety of Retinopathy of Prematurity Examination and Imaging in Premature Infants. Journal of Pediatrics, 2015, 167, 994-1000.e2.	0.9	29
50	The Electronic Visual Acuity Tester: Testability in Preschool Children. Optometry and Vision Science, 2004, 81, 238-244.	0.6	28
51	Longitudinal study of the association between thrombocytopenia and retinopathy of prematurity. Journal of AAPOS, 2018, 22, 119-123.	0.2	27
52	Effects ofMyo-inositol on Type 1 Retinopathy of Prematurity Among Preterm Infants <28 Weeksâ€™ Gestational Age. JAMA - Journal of the American Medical Association, 2018, 320, 1649.	3.8	26
53	Reducing Blindness from Retinopathy of Prematurity (ROP) in Argentina Through Collaboration, Advocacy and Policy Implementation. Health Policy and Planning, 2018, 33, 654-665.	1.0	25
54	Severe visual impairment in children with mild or moderate retinal residua following regressed threshold retinopathy of prematurity. Journal of AAPOS, 2007, 11, 148-152.e1.	0.2	24

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55	Associations of Anisometropia with Unilateral Amblyopia, Interocular Acuity Difference, and Stereoacuity in Preschoolers. Ophthalmology, 2013, 120, 495-503.	2.5	24
56	Visual Function of Moderately Hyperopic 4- and 5-Year-Old Children in the Vision in Preschoolers â€“ Hyperopia in Preschoolers Study. American Journal of Ophthalmology, 2016, 170, 143-152.	1.7	23
57	Clinical characteristics of children with severe visual impairment but favorable retinal structural outcomes from the Early Treatment for Retinopathy of Prematurity (ETROP) study. Journal of AAPOS, 2013, 17, 129-134.	0.2	22
58	Risk Score for Predicting Treatment-Requiring Retinopathy of Prematurity (ROP) in the Telemedicine Approaches to Evaluating Acute-Phase ROP Study. Ophthalmology, 2016, 123, 2176-2182.	2.5	22
59	Progression of Type 2 to Type 1 Retinopathy of Prematurity in the Early Treatment for Retinopathy of Prematurity Study. JAMA Ophthalmology, 2010, 128, 461.	2.6	20
60	Timely implementation of a retinopathy of prematurity telemedicine system. Journal of AAPOS, 2016, 20, 425-430.e1.	0.2	20
61	Impact of number and quality of retinal images in a telemedicine screening program for ROP: results from the e-ROP study. Journal of AAPOS, 2016, 20, 481-485.	0.2	18
62	Attention and Visual Motor Integration in Young Children with Uncorrected Hyperopia. Optometry and Vision Science, 2017, 94, 965-970.	0.6	18
63	A Comparison of Strategies for Retinopathy of Prematurity Detection. Pediatrics, 2016, 137, e20152256.	1.0	17
64	Highly Precise Eye Length Measurements in Children Aged 3 Through 12 Years. JAMA Ophthalmology, 2003, 121, 985.	2.6	15
65	Recent Advances in the Treatment of Amblyopia. Pediatrics, 2004, 113, 1800-1802.	1.0	15
66	A Tiered Approach to Retinopathy of Prematurity Screening (TARP) Using a Weight Gain Predictive Model and a Telemedicine System. JAMA Ophthalmology, 2017, 135, 131.	1.4	12
67	Intereye Agreement of Retinopathy of Prematurity from Image Evaluation in the Telemedicine Approaches to Evaluating of Acute-Phase ROP (e-ROP) Study. Ophthalmology Retina, 2017, 1, 347-354.	1.2	12
68	Intraocular Hemorrhages and Retinopathy of Prematurity in the Telemedicine Approaches to Evaluating Acute-Phase Retinopathy of Prematurity (e-ROP) Study. Ophthalmology, 2017, 124, 374-381.	2.5	12
69	Interactive Retinal Vessel Extraction by Integrating Vessel Tracing and Graph Search. Lecture Notes in Computer Science, 2013, 16, 567-574.	1.0	12
70	Retinopathy of Prematurity Risk Prediction for Infants with Birth Weight Less than 1251 Grams. Journal of Pediatrics, 2015, 166, 257-261.e2.	0.9	11
71	Training retinal imagers for retinopathy of prematurity (ROP) screening. Journal of AAPOS, 2016, 20, 214-219.	0.2	11
72	Late recurrence of retinopathy of prematurity after treatment with both intravitreal bevacizumab and laser. Journal of AAPOS, 2014, 18, 402-404.	0.2	10

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73	Factors in Premature Infants Associated With Low Risk of Developing Retinopathy of Prematurity. JAMA Ophthalmology, 2019, 137, 160.	1.4	9
74	Functional and Morphologic Findings at Four Years After Intravitreal Bevacizumab or Laser for Type 1 ROP. Ophthalmic Surgery Lasers and Imaging Retina, 2020, 51, 180-186.	0.4	9
75	Plus Disease in Telemedicine Approaches to Evaluating Acute-Phase ROP (e-ROP) Study: Characteristics, Predictors, and Accuracy of Image Grading. Ophthalmology, 2019, 126, 868-875.	2.5	8
76	Associations between visual function and magnitude of refractive error for emmetropic to moderately hyperopic 4â€•and 5â€yearâ€•old children in the Vision in Preschoolers â€•Hyperopia in Preschoolers Study. Ophthalmic and Physiological Optics, 2021, 41, 553-564.	1.0	8
77	Outcome of prematurity and retinopathy of prematurity. Current Opinion in Ophthalmology, 1996, 7, 51-56.	1.3	7
78	Detection of Potentially Severe Retinopathy of Prematurity by Remote Image Grading. JAMA Ophthalmology, 2017, 135, 982.	1.4	6
79	Early angiographic signs of retinopathy of prematurity requiring treatment. Eye, 2021, 35, 3094-3101.	1.1	6
80	Incidence of Retinopathy of Prematurity in Botswana: A Prospective Observational Study . Clinical Ophthalmology, 2020, Volume 14, 2417-2425.	0.9	5
81	reply: Myopia and ambient night-time lighting. Nature, 2000, 404, 144-144.	13.7	4
82	Symmetry of Disease in Retinopathy of Prematurity in the Postnatal Growth and Retinopathy of Prematurity (G-ROP) Study. Ophthalmic Epidemiology, 2020, 27, 477-481.	0.8	3
83	Need for Telemedicine in Retinopathy of Prematurity in Middle-Income Countriesâ€”Reply. JAMA Ophthalmology, 2015, 133, 361.	1.4	2
84	Comparison of strategies for grading retinal images of premature infants for referral warranted retinopathy of prematurity. Journal of AAPOS, 2017, 21, 141-145.	0.2	2
85	Asymmetry of Retinopathy of Prematurity Border in the Telemedicine Approaches to Evaluating Acute-Phase Retinopathy of Prematurity Study. Ophthalmology Retina, 2019, 3, 278-284.	1.2	2
86	Progression from preplus to plus disease in the Telemedicine Approaches to Evaluating Acute-Phase Retinopathy of Prematurity (e-ROP) Study: incidence, timing, and predictors. Journal of AAPOS, 2020, 24, 354.e1-354.e6.	0.2	2
87	Neurodevelopmental outcome of preterm infants enrolled in myo-inositol randomized controlled trial. Journal of Perinatology, 2021, 41, 2072-2087.	0.9	2
88	A Step Forward in Using Artificial Intelligence to Identify Serious Retinopathy of Prematurityâ€”A Start With a Long Road Ahead. JAMA Network Open, 2021, 4, e219245.	2.8	2
89	Changes in institutional oxygen saturation targets are associated with an increased rate of severe retinopathy of prematurity. Journal of AAPOS, 2022, 26, 18.e1-18.e6.	0.2	2
90	Implementation of telemedicine screening for retinopathy of prematurity in rural areas in Guatemala. Journal of AAPOS, 2022, 26, 22.e1-22.e5.	0.2	2

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91	Acceptance/Use of the Teller Acuity Card Procedure in the Clinic. American Orthoptic Journal, 1996, 46, 99-105.	0.3	1
92	Challenges and Future Directions in the Detection and Treatment of Retinopathy of Prematurity. NeoReviews, 2017, 18, e91-e99.	0.4	1
93	Reply. Ophthalmology, 2018, 125, e71-e72.	2.5	1
94	Reply. Ophthalmology, 2021, , .	2.5	1
95	Retinopathy of prematurity classification updates: possible implications for treatment. Journal of AAPOS, 2022, 26, 109-112.	0.2	1
96	Insulin-like growth factor-1 for the prevention or treatment of retinopathy of prematurity. The Cochrane Library, 2018, , .	1.5	0
97	Extending Huiâ€Walter framework to correlated outcomes with application to diagnosis tests of an eye disease among premature infants. Statistics in Medicine, 2022, 41, 433-448.	0.8	0
98	Predicting ROP Severity by Artificial Intelligence: Pragmatic Versus Knowledge-Based Approach. Pediatrics, 2021, 148, .	1.0	0
99	Comparison of Visual Acuity Results Between ATS-HOTV and E-ETDRS Testing Methods in Children With Optic Pathway Gliomas. Translational Vision Science and Technology, 2022, 11, 10.	1.1	0
100	Reply. Ophthalmology, 2022, , .	2.5	0