Dorothy A Thompson

List of Publications by Year
in descending order

93 papers	2,885 citations	185998 28 h-index	189595 50 g-index
94 all docs	94 docs citations	94 times ranked	3961 citing authors

#	Article	IF	Citations
1	Epilepsy, Ataxia, Sensorineural Deafness, Tubulopathy, andKCNJ10Mutations. New England Journal of Medicine, 2009, 360, 1960-1970.	13.9	518
2	Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease. American Journal of Human Genetics, 2017, 100, 75-90.	2.6	343
3	Phenotypic Characterization of EIF2AK4 Mutation Carriers in a Large Cohort of Patients Diagnosed Clinically With Pulmonary Arterial Hypertension. Circulation, 2017, 136, 2022-2033.	1.6	111
4	Phenotypic variability in patients with retinal dystrophies due to mutations in CRB1. British Journal of Ophthalmology, 2011, 95, 811-817.	2.1	95
5	Monitoring Visual Function in Children With Syndromic Craniosynostosis. JAMA Ophthalmology, 2006, 124, 1119.	2.6	71
6	Ophthalmological Aspects of Pierson Syndrome. American Journal of Ophthalmology, 2008, 146, 602-611.e1.	1.7	66
7	Altered electroretinograms in patients with KCNJ10 mutations and EAST syndrome. Journal of Physiology, 2011, 589, 1681-1689.	1.3	66
8	ARNT2 mutation causes hypopituitarism, post-natal microcephaly, visual and renal anomalies. Brain, 2013, 136, 3096-3105.	3.7	66
9	Modulation of amblyopia therapy following early surgery for unilateral congenital cataracts.. British Journal of Ophthalmology, 1995, 79, 802-806.	2.1	62
10	The Phenotypic Variability of Retinal Dystrophies Associated With Mutations in CRX, With Report of a Novel Macular Dystrophy Phenotype. Investigative Ophthalmology and Visual Science, 2014, 55, 6934-6944.	3.3	59
11	VEP estimation of visual acuity: a systematic review. Documenta Ophthalmologica, 2021, 142, 25-74.	1.0	57
12	An Assessment of the Apex Microarray Technology in Genotyping Patients with Leber Congenital Amaurosis and Early-Onset Severe Retinal Dystrophy. , 2007, 48, 5684.		56
13	RDH12 retinopathy: novel mutations and phenotypic description. Molecular Vision, 2011, 17, 2706-16.	1.1	47
14	Early VEP and ERG Evidence of Visual Dysfunction in Autosomal Recessive Osteopetrosis. Neuropediatrics, 1998, 29, 137-144.	0.3	46
15	Phenotypic Diversity and Mutation Spectrum in Hypotrichosis with Juvenile Macular Dystrophy. Journal of Investigative Dermatology, 2003, 121, 1217-1220.	0.3	46
16	Prevalence of Abnormal Pattern Reversal Visual Evoked Potentials in Craniosynostosis. Plastic and Reconstructive Surgery, 2006, 118, 184-192.	0.7	46
17	Childhood-Onset Autosomal Recessive Bestrophinopathy. JAMA Ophthalmology, 2011, 129, 1088.	2.6	46
18	Sustained Raised Intracranial Pressure Implicated Only by Pattern Reversal Visual Evoked Potentials after Cranial Vault Expansion Surgery. Pediatric Neurosurgery, 2003, 39, 75-80.	0.4	39

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19	Full-field electroretinogram in autism spectrum disorder. Documenta Ophthalmologica, 2016, 132, 83-99.	1.0	38
20	Retinal nerve fibre layer thinning is associated with worse visual outcome after optic neuritis in children with a relapsing demyelinating syndrome. Developmental Medicine and Child Neurology, 2018, 60, 1244-1250.	1.1	38
21	Visual impairment, severe visual impairment, and blindness in children in Britain (BCVIS2): a national observational study. The Lancet Child and Adolescent Health, 2021, 5, 190-200.	2.7	37
22	The effect of stimulus contrast on the latency and amplitude of the pattern electroretinogram. Vision Research, 1989, 29, 309-313.	0.7	36
23	Ocular and neurodevelopmental features of Duchenne muscular dystrophy: a signature of dystrophin function in the central nervous system. European Journal of Human Genetics, 2016, 24, 562-568.	1.4	36
24	ISCEV extended protocol for the dark-adapted red flash ERG. Documenta Ophthalmologica, 2018, 136, 191-197.	1.0	36
25	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. American Journal of Human Genetics, 2018, 103, 144-153.	2.6	36
26	Screening ofSPATA7in Patients with Leber Congenital Amaurosis and Severe Childhood-Onset Retinal Dystrophy Reveals Disease-Causing Mutations. , 2011, 52, 3032.		34
27	ISCEV extended protocol for VEP methods of estimation of visual acuity. Documenta Ophthalmologica, 2021, 142, 17-24.	1.0	33
28	The achiasmia spectrum: congenitally reduced chiasmal decussation. British Journal of Ophthalmology, 2005, 89, 1311-1317.	2.1	31
29	Joubert syndrome: long-term follow-up. Developmental Medicine and Child Neurology, 2004, 46, 694-9.	1.1	31
30	Visual outcomes following intraophthalmic artery melphalan for patients with refractory retinoblastoma and age appropriate vision. British Journal of Ophthalmology, 2013, 97, 1464-1470.	2.1	29
31	Pediatric clinical visual electrophysiology: a survey of actual practice. Documenta Ophthalmologica, 2006, 113, 193-204.	1.0	28
32	Leber Congenital Amaurosis Associated with AIPL1: Challenges in Ascribing Disease Causation, Clinical Findings, and Implications for Gene Therapy. PLoS ONE, 2012, 7, e32330.	1.1	28
33	Computation of the luminance and pattern components of the bar pattern electroretinogram. Documenta Ophthalmologica, 1987, 66, 233-244.	1.0	27
34	FOVEAL CAVITATION AS AN OPTICAL COHERENCE TOMOGRAPHY FINDING IN CENTRAL CONE DYSFUNCTION. Retina, 2012, 32, 1411-1419.	1.0	27
35	Visual-evoked potential evidence of chiasmal hypoplasia11The views expressed in this publication are those of the authors and not necessarily those of the NHS Executive.. Ophthalmology, 1999, 106, 2354-2361.	2.5	26
36	Vertical or asymmetric nystagmus need not imply neurological disease. British Journal of Ophthalmology, 2000, 84, 175-180.	2.1	26

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37	Unilateral BEST1 -Associated Retinopathy. American Journal of Ophthalmology, 2016, 169, 24-32.	1.7	26
38	The Optokinetic Response Differences between Congenital Profound and Nonprofound Unilateral Visual Deprivation. Ophthalmology, 1995, 102, 1615-1622.	2.5	23
39	Clinical Characterization of CNGB1-Related Autosomal Recessive Retinitis Pigmentosa. JAMA Ophthalmology, 2017, 135, 137.	1.4	23
40	THE PHYSIOLOGY OF THE RETINAL PIGMENT EPITHELIUM IN DANON DISEASE. Retina, 2016, 36, 629-638.	1.0	21
41	Electrophysiological and Eye-Movement Abnormalities in Children With the Bardet-Biedl Syndrome. Journal of Pediatric Ophthalmology and Strabismus, 1995, 32, 364-367.	0.3	21
42	The effects of image degradation on retinal illuminance and pattern responses to checkerboard stimuli. Documenta Ophthalmologica, 1987, 66, 267-275.	1.0	20
43	Light-Adapted Electroretinogram Differences in Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2020, 50, 2874-2885.	1.7	20
44	Visual field loss in children with craniosynostosis. Child's Nervous System, 2011, 27, 1289-1296.	0.6	19
45	Infantile Hyperinsulinism Associated with Enteropathy, Deafness and Renal Tubulopathy: Clinical Manifestations of a Syndrome Caused by a Contiguous Gene Deletion Located on Chromosome 11p. Journal of Pediatric Endocrinology and Metabolism, 2004, 17, 1613-21.	0.4	18
46	Motion and pattern cortical potentials in adults with high-functioning autism spectrum disorder. Documenta Ophthalmologica, 2012, 125, 219-227.	1.0	17
47	Juvenile Xanthogranuloma With Presumed Involvement of the Optic Discand Retina. JAMA Ophthalmology, 2004, 122, 1551.	2.6	16
48	Retinal characteristics of the congenital disorder of glycosylation PMM2â€CDG. Journal of Inherited Metabolic Disease, 2013, 36, 1039-1047.	1.7	16
49	Expansion of Ocular Phenotypic Features Associated With Mutations inADAMTS18. JAMA Ophthalmology, 2014, 132, 996.	1.4	15
50	When do asymmetrical full-field pattern reversal visual evoked potentials indicate visual pathway dysfunction in children?. Documenta Ophthalmologica, 2011, 122, 9-18.	1.0	14
51	Retinal On-Pathway Deficit in Congenital Disorder of Glycosylation Due to Phosphomannomutase Deficiency. JAMA Ophthalmology, 2012, 130, 712-9.	2.6	14
52	An alternative electroretinography protocol for children: a study of diagnostic agreement and accuracy relative to ISCEV standard electroretinograms. Acta Ophthalmologica, 2022, 100, 322-330.	0.6	14
53	Multi-centre variability of ISCEV standard ERGs in two normal adults. Documenta Ophthalmologica, 2015, 130, 83-101.	1.0	13
54	The changing shape of the ISCEV standard pattern onset VEP. Documenta Ophthalmologica, 2017, 135, 69-76.	1.0	13

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55	The electroretinogram b-wave amplitude: a differential physiological measure for Attention Deficit Hyperactivity Disorder and Autism Spectrum Disorder. Journal of Neurodevelopmental Disorders, 2022, 14, 30.	1.5	13
56	The reproducibility of binocular pattern reversal visual evoked potentials: a single subject design. Documenta Ophthalmologica, 2011, 122, 133-139.	1.0	12
57	The photopic negative response in autism spectrum disorder. Australasian journal of optometry, The, 2021, 104, 841-847.	0.6	12
58	Discrete Wavelet Transform Analysis of the Electroretinogram in Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder. Frontiers in Neuroscience, 2022, 16, .	1.4	12
59	The origins of luminance and pattern responses of the pattern electroretinogram. International Journal of Psychophysiology, 1994, 16, 219-227.	0.5	11
60	Visual outcomes in children with syndromic craniosynostosis: a review of 165 cases. Eye, 2022, 36, 1005-1011.	1.1	10
61	The effect of 0.5% thymoxamine on the pattern-onset electroretinogram. Documenta Ophthalmologica, 1989, 72, 47-54.	1.0	6
62	Saccadic instabilities in albinism without nystagmus. Experimental Brain Research, 2006, 175, 45-49.	0.7	6
63	Review of cases presenting with microcephaly and bilateral congenital cataract in a paediatric cataract clinic. Eye, 2008, 22, 273-281.	1.1	6
64	An ERG and OCT study of neuronal ceroid lipofuscinosis CLN2 Battens retinopathy. Eye, 2021, 35, 2438-2448.	1.1	6
65	Colour, contrast and the visual evoked potential. Ophthalmic and Physiological Optics, 1992, 12, 225-228.	1.0	5
66	A meta-analysis of clinical electro-oculography values. Documenta Ophthalmologica, 2017, 135, 219-232.	1.0	5
67	An optical stimulator for studying the topography of electrical and magnetic visual evoked responses. Documenta Ophthalmologica, 1992, 81, 219-225.	1.0	4
68	An overview of bifocal contact lenses. Journal of the British Contact Lens Association, 1991, 14, 71-74.	0.2	3
69	Cataract in long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency (LCHADD). Ophthalmic Genetics, 2003, 24, 49-57.	0.5	3
70	Pattern Onset ERGs and VEPs Produced by Patterns Arising From Light Increment and Decrement. , 2018, 59, 94.		3
71	Pattern-onset and OFFset visual evoked potentials in the diagnosis of hemianopic field defects. Documenta Ophthalmologica, 2021, 142, 165-176.	1.0	3
72	Giant pattern VEPs in children. European Journal of Paediatric Neurology, 2021, 34, 33-42.	0.7	3

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73	Distortion of spatial selectivity by pattern onset stimulation. Documenta Ophthalmologica, 1989, 72, 1-8.	1.0	2
74	Hereditary primary lateral sclerosis with cone dysfunction. Ophthalmic Genetics, 2010, 31, 221-226.	0.5	2
75	Congenital high myopia and central macular atrophy: a report of 3 families. Eye, 2015, 29, 936-942.	1.1	2
76	ERGs on the brain: the benefits of simultaneous flash retinal and cortical responses in paediatric cerebral visual impairment. Documenta Ophthalmologica, 2018, 136, 223-227.	1.0	2
77	Case report: Unilateral optic nerve aplasia and developmental hemi-chiasmal dysplasia with VEP misrouting. Documenta Ophthalmologica, 2021, 142, 247-255.	1.0	2
78	Introduction to the special section on Visual electrophysiology 2021: a coming of age. Eye, 2021, 35, 2339-2340.	1.1	2
79	Prognostic value of transient pattern visual evoked potentials in children with cerebral visual impairment. Developmental Medicine and Child Neurology, 2022, 64, 618-624.	1.1	2
80	Electrophysiological and fundoscopic detection of intracranial hypertension in craniosynostosis. Eye, 2023, 37, 139-145.	1.1	2
81	A clinical classification system for paravenous pigmentary chorioretinal atrophy (PPCRA) in childhood. Journal of AAPOS, 2011, 15, e21.	0.2	1
82	Variability of flashes and background luminances of clinical electroretinography stimuli across 14 UK centres. Journal of Modern Optics, 2013, 60, 1209-1216.	0.6	1
83	Misaligned foveal morphology and sector retinal dysfunction in AKT1-mosaic Proteus syndrome. Documenta Ophthalmologica, 2021, 142, 119-126.	1.0	1
84	Visual electrophysiology. , 2013, , 55-62.		1
85	Diffuse bear-track retina: profound, bilateral, grouped congenital pigmentation of the retinal pigment epithelium in an infant. Journal of AAPOS, 2020, 24, 384-386.	0.2	1
86	Pediatric Visual Electrophysiology. , 2003, , 90-121.		0
87	Pediatric Visual Electrophysiology. , 2006, , 1-74.		0
88	Congenital optic nerve aplasia. Journal of AAPOS, 2012, 16, e14.	0.2	0
89	The 50th ISCEV international symposium abstract issue. Documenta Ophthalmologica, 2012, 124, 1-2.	1.0	0
90	Exploring the microvascular abnormalities in a cohort of paediatric patients with spinal muscular atrophy. Neuromuscular Disorders, 2016, 26, S105.	0.3	0

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91	Clinicians in PPE: A Visually Impaired Patient's View. Journal of Pediatric Ophthalmology and Strabismus, 2021, 58, 407-407.	0.3	0
92	The effect of spatio-temporal chromatic and achromatic contrast on VEPs. Ophthalmic and Physiological Optics, 1992, 12, 97.	1.0	0
93	The 59th annual ISCEV symposium Liverpool, United Kingdom, 3rdâ€“6th August 2022. Documenta Ophthalmologica, 0, , .	1.0	0