Daphne Lynne McCulloch

List of Publications by Year
in descending order

68	4,844	236833 25	149623 56
papers	citations	h-index	g-index

71	71	71	4396
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ISCEV Standard for full-field clinical electroretinography (2015 update). Documenta Ophthalmologica, 2015, 130, 1-12.	1.0	1,103
2	ISCEV standard for clinical visual evoked potentials (2009 update). Documenta Ophthalmologica, 2010, 120, 111-119.	1.0	707
3	ISCEV standard for clinical multifocal electroretinography (mfERG) (2011 edition). Documenta Ophthalmologica, 2012, 124, 1-13.	1.0	502
4	ISCEV standard for clinical pattern electroretinography (PERG): 2012 update. Documenta Ophthalmologica, 2013, 126, 1-7.	1.0	449
5	ISCEV standard for clinical visual evoked potentials: (2016 update). Documenta Ophthalmologica, 2016, 133, 1-9.	1.0	445
6	ISCEV Standard for full-field clinical electroretinography (2022 update). Documenta Ophthalmologica, 2022, 144, 165-177.	1.0	179
7	ISCEV standard for clinical electro-oculography (2010 update). Documenta Ophthalmologica, 2011, 122, 1-7.	1.0	107
8	Cortical visual dysfunction in children: A clinical study. Eye, 1996, 10, 302-309.	1.1	101
9	Visual Evoked Potentials in Infants and Children. Journal of Clinical Neurophysiology, 1992, 9, 357-372.	0.9	92
10	Scotopic Electroretinogram in Term Infants Born of Mothers Supplemented with Docosahexaenoic Acid during Pregnancy. , 2003, 44, 3685.		82
11	Visual outcome in infants born to drug-misusing mothers prescribed methadone in pregnancy. British Journal of Ophthalmology, 2014, 98, 238-245.	2.1	61
12	VEP estimation of visual acuity: a systematic review. Documenta Ophthalmologica, 2021, 142, 25-74.	1.0	57
13	Vitamin A Supplementation Improves Retinal Function in Infants at Risk of Retinopathy of Prematurity. Journal of Pediatrics, 2012, 160, 954-959.e1.	0.9	52
14	Maturation of the pattern-reversal VEP in human infants: a theoretical framework. Vision Research, 1999, 39, 3673-3680.	0.7	50
15	Absolute Quantification of Oxygenated Hemoglobin within the Visual Cortex with Functional Near Infrared Spectroscopy (fNIRS). , 2010, 51, 4856.		47
16	Neonatal Visual Evoked Potentials in Infants Born to Mothers Prescribed Methadone. Pediatrics, 2013, 131, e857-e863.	1.0	44
17	Visual Evoked Potentials and Visual Prognosis Following Perinatal Asphyxia. JAMA Ophthalmology, 1991, 109, 229.	2.6	43
18	A VEP investigation of parallel visual pathway development in primary school age children. , 1999, 99, 1-10.		42

#	Article	IF	Citations
19	Clinical Assessment, Optic Disk Measurements, and Visual-Evoked Potential in Optic Nerve Hypoplasia. American Journal of Ophthalmology, 1995, 120, 605-612.	1.7	41
20	Prognostic value of VEPs in young children with acute onset of cortical blindness. Pediatric Neurology, 1991, 7, 111-115.	1.0	40
21	Pattern Reversal Visual Evoked Potentials Following Early Treatment of Unilateral, Congenital Cataract. JAMA Ophthalmology, 1994, 112, 510.	2.6	35
22	A randomized trial of long-chain polyunsaturated fatty acid supplementation in infants with phenylketonuria. Developmental Medicine and Child Neurology, 2006, 48, 207-212.	1.1	35
23	Localization of Hemodynamic Responses to Simple Visual Stimulation: An fNIRS Study. , 2012, 53, 2266.		34
24	ISCEV extended protocol for the stimulusâ€“response series for light-adapted full-field ERG. Documenta Ophthalmologica, 2019, 138, 205-215.	1.0	34
25	ISCEV extended protocol for VEP methods of estimation of visual acuity. Documenta Ophthalmologica, 2021, 142, 17-24.	1.0	33
26	Comparisons of contact lens, foil, fiber and skin electrodes for patterns electroretinograms. Documenta Ophthalmologica, 1997, 94, 327-340.	1.0	32
27	Pattern-onset visual evoked potentials: more useful than reversal for patients with nystagmus. Documenta Ophthalmologica, 1997, 94, 265-274.	1.0	30
28	The effects of visual degradation on face discrimination. Ophthalmic and Physiological Optics, 2011, 31, 240-248.	1.0	28
29	Event-related potentials (ERPs) to schematic faces in adults and children. International Journal of Psychophysiology, 2003, 51, 59-67.	0.5	20
30	Older Adults Exhibit Greater Visual Cortex Inhibition and Reduced Visual Cortex Plasticity Compared to Younger Adults. Frontiers in Neuroscience, 2019, 13, 607.	1.4	20
31	Neural and Vascular Responses to Fused Binocular Stimuli: A VEP and fNIRS Study. , 2012, 53, 5881.		19
32	Zebrafish Model for the Genetic Basis of X-Linked Retinitis Pigmentosa. Zebrafish, 2013, 10, 62-69.	0.5	19
33	Factors Affecting Mydriasis-Free Flicker ERGs Recorded With Real-Time Correction for Retinal Illuminance: Study of 150 Young Healthy Subjects. , 2017, 58, 5280.		19
34	Light- and dark-adapted electroretinograms (ERGs) and ocular pigmentation: comparison of brown- and blue-eyed cohorts. Documenta Ophthalmologica, 2010, 121, 135-146.	1.0	18
35	Effect of sleep state on the flash visual evoked potential. A case study. Documenta Ophthalmologica, 1999, 98, 247-256.	1.0	14
36	Spatial summation of peripheral Gabor patches. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 273.	0.8	13

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37	Visual latency in the spontaneous Pulfrich effect. , 2002, 240, 644-649.		13
38	Essentials of photometry for clinical electrophysiology of vision. Documenta Ophthalmologica, 2010, 121, 77-84.	1.0	13
39	The 'mirror test' for estimating visual acuity in infants. British Journal of Ophthalmology, 2010, 94, 882-885.	2.1	13
40	Unilateral Congenital Ptosis. Ophthalmic Plastic and Reconstructive Surgery, 1993, 9, 196-200.	0.4	11
41	Light-adapted electroretinograms in optic nerve hypoplasia. Documenta Ophthalmologica, 2009, 119, 123-132.	1.0	10
42	Asymmetrical growth of the photopic hill during the light adaptation effect. Documenta Ophthalmologica, 2010, 121, 177-187.	1.0	10
43	Isoflurane and ketamine:xylazine differentially affect intraocular pressure-associated scotopic threshold responses in Sprague-Dawley rats. Documenta Ophthalmologica, 2017, 135, 121-132.	1.0	9
44	Cortical blindness in children: Utility of flash VEPs. Pediatric Neurology, 1992, 8, 156.	1.0	8
45	Editorial: Abstracts of the 46th symposium of ISCEV, Morgantown, WV, USA. Documenta Ophthalmologica, 2008, 117, 1-2.	1.0	8
46	Who is a visually impaired child? A model is needed to address this question for children with cerebral visual impairment. Developmental Medicine and Child Neurology, 1999, 41, 212-213.	1.1	8
47	Pulfrichâ€™s phenomenon in optic nerve hypoplasia. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 429-434.	1.0	6
48	The infant patient. Ophthalmic and Physiological Optics, 1998, 18, 140-146.	1.0	5
49	Haemodynamic Responses to Radial Motion in the Visual Cortex. Journal of Near Infrared Spectroscopy, 2013, 21, 231-236.	0.8	5
50	The effect of motion on pattern-onset visual evoked potentials in adults and children. Documenta Ophthalmologica, 1995, 91, 371-380.	1.0	4
51	Comparison of human expert and computer-automated systems using magnitude-squared coherence (MSC) and bootstrap distribution statistics for the interpretation of pattern electroretinograms (PERGs) in infants with optic nerve hypoplasia (ONH). Documenta Ophthalmologica, 2015, 131, 25-34.	1.0	4
52	Pseudoretinitis Pigmentosa. Optometry and Vision Science, 1984, 61, 56-60.	0.6	3
53	Idiopathic, isolated fovea plana with bilateral off-centre multifocal ERGs. Documenta Ophthalmologica, 2013, 126, 171-176.	1.0	3
54	Predictive value of N95 waveforms of pattern electroretinograms (PERGs) in children with optic nerve hypoplasia (ONH). Documenta Ophthalmologica, 2017, 135, 97-106.	1.0	3

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55	Repeated measurements of ERGs and VEPs using chloral hydrate sedation and propofol anesthesia in young children. Documenta Ophthalmologica, 2021, 143, 141-153.	1.0	2
56	Pathogenesis of X-linked RP3: Insights from Animal Models. Advances in Experimental Medicine and Biology, 2014, 801, 477-485.	0.8	2
57	MATERNAL FISH OIL SUPPLEMENTATION AND VISUAL MATURATION IN TERM INFANTS.. Optometry and Vision Science, 2002, 79, 296.	0.6	1
58	â€˜Who is a visually impaired child? A model is needed to address this question for children with cerebral visual impairmentâ€™. Developmental Medicine and Child Neurology, 1999, 41, 212a.	1.1	1
59	Share, learn and get together: knowledge and information interactions at the XLV International Symposium of ISCEV - Hyderabad, India, 25-29 August 2007. Documenta Ophthalmologica, 2007, 115, 1-2.	1.0	1
60	Monocular and binocular steady-state flicker VEPs: frequencyâ€“response functions to sinusoidal and square-wave luminance modulation. Documenta Ophthalmologica, 2011, 122, 63-70.	1.0	1
61	Introduction to the special issue: Vision after Premature Birth. Documenta Ophthalmologica, 2013, 127, 1-2.	1.0	1
62	Effects of recording sequence on flicker electroretinographics recorded with natural pupils corrected for pupil area. Acta Ophthalmologica, 2020, 99, 411-417.	0.6	1
63	The flash VEP in term and preterm infants: effect of flash intensity and sleep state. Ophthalmic and Physiological Optics, 1996, 16, 252-252.	1.0	0
64	The Stilesâ€“Crawford effect of the first kind and the full-field electroretinogram (ERG). Journal of Modern Optics, 2009, 56, 2176-2180.	0.6	0
65	Modulation of binocular rivalry with rapid monocular visual stimulation. European Journal of Neuroscience, 2021, 53, 1008-1018.	1.2	0
66	Visual Field Constriction With Relatively Preserved Central Vision: An Unusual Case of Early-Onset Retinal Dystrophy. Journal of Pediatric Ophthalmology and Strabismus, 2011, 48, e52-4.	0.3	0
67	Message from the Editor. Documenta Ophthalmologica, 2022, 144, 1.	1.0	0
68	Message from the editor. Documenta Ophthalmologica, 2022, , .	1.0	0