

Ruth Hamilton

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,889
citations

18
h-index

43
g-index

55
ext. papers

2,273
ext. citations

3
avg, IF

4.79
L-index

#	Paper	IF	Citations
52	ISCEV Standard for full-field clinical electroretinography (2015 update). <i>Documenta Ophthalmologica</i> , 2015 , 130, 1-12	2.2	848
51	Observer variation in the sonographic measurement of optic nerve sheath diameter in normal adults. <i>European Journal of Ultrasound: Official Journal of the European Federation of Societies for Ultrasound in Medicine and Biology</i> , 2002 , 15, 145-9		160
50	Transorbital optic nerve sheath ultrasonography in normal children. <i>Clinical Radiology</i> , 1999 , 54, 740-2	2.9	118
49	Scotopic electroretinogram in term infants born of mothers supplemented with docosahexaenoic acid during pregnancy. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 3685-91		74
48	Ophthalmic, clinical and visual electrophysiological findings in children born to mothers prescribed substitute methadone in pregnancy. <i>British Journal of Ophthalmology</i> , 2010 , 94, 696-700	5.5	55
47	Visual outcome in infants born to drug-misusing mothers prescribed methadone in pregnancy. <i>British Journal of Ophthalmology</i> , 2014 , 98, 238-45	5.5	44
46	Vitamin A supplementation improves retinal function in infants at risk of retinopathy of prematurity. <i>Journal of Pediatrics</i> , 2012 , 160, 954-9.e1	3.6	41
45	Childhood neurodevelopment after prescription of maintenance methadone for opioid dependency in pregnancy: a systematic review and meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2019 , 61, 750-760	3.3	38
44	Cerebral visual dysfunction in prematurely born children attending mainstream school. <i>Documenta Ophthalmologica</i> , 2013 , 127, 89-102	2.2	32
43	Neonatal visual evoked potentials in infants born to mothers prescribed methadone. <i>Pediatrics</i> , 2013 , 131, e857-63	7.4	31
42	Real-time rapid acuity assessment using VEPs: development and validation of the step VEP technique. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 438-41		29
41	The luminance-response function of the human photopic electroretinogram: a mathematical model. <i>Vision Research</i> , 2007 , 47, 2968-72	2.1	29
40	Visual evoked potentials in infants exposed to methadone in utero. <i>Archives of Disease in Childhood</i> , 2008 , 93, 784-6	2.2	23
39	VEP estimation of visual acuity: a systematic review. <i>Documenta Ophthalmologica</i> , 2021 , 142, 25-74	2.2	21
38	ISCEV extended protocol for the stimulus-response series for light-adapted full-field ERG. <i>Documenta Ophthalmologica</i> , 2019 , 138, 205-215	2.2	20
37	ISCEV extended protocol for the dark-adapted red flash ERG. <i>Documenta Ophthalmologica</i> , 2018 , 136, 191-197	2.2	20
36	Maturation of rod function in preterm infants with and without retinopathy of prematurity. <i>Journal of Pediatrics</i> , 2008 , 153, 605-11	3.6	18

35	Ocular biometry in preterm infants: implications for estimation of retinal illuminance. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 453-7		18
34	ISCEV extended protocol for VEP methods of estimation of visual acuity. <i>Documenta Ophthalmologica</i> , 2021 , 142, 17-24	2.2	17
33	Negative ERGs in mucopolysaccharidoses (MPS) Hurler-Scheie (I-H/S) and Hurler (I-H)-syndromes. <i>Documenta Ophthalmologica</i> , 2007 , 114, 153-8	2.2	16
32	Blindsight in children: does it exist and can it be used to help the child? Observations on a case series. <i>Developmental Medicine and Child Neurology</i> , 2005 , 47, 699-702	3.3	16
31	Sensitivity and specificity of the step VEP in suspected functional visual acuity loss. <i>Documenta Ophthalmologica</i> , 2013 , 126, 99-104	2.2	13
30	Essentials of photometry for clinical electrophysiology of vision. <i>Documenta Ophthalmologica</i> , 2010 , 121, 77-84	2.2	13
29	Photometric Compliance of Tablet Screens and Retro-Illuminated Acuity Charts As Visual Acuity Measurement Devices. <i>PLoS ONE</i> , 2016 , 11, e0150676	3.7	13
28	Effect of shorter dark adaptation on ISCEV standard DA 0.01 and DA 3 skin ERGs in healthy adults. <i>Documenta Ophthalmologica</i> , 2016 , 133, 11-9	2.2	13
27	ISCEV Standard for full-field clinical electroretinography (2022 update).. <i>Documenta Ophthalmologica</i> , 2022 , 1	2.2	13
26	Light- and dark-adapted electroretinograms (ERGs) and ocular pigmentation: comparison of brown- and blue-eyed cohorts. <i>Documenta Ophthalmologica</i> , 2010 , 121, 135-46	2.2	12
25	Faster and more sensitive VEP recording in children. <i>Documenta Ophthalmologica</i> , 2003 , 107, 251-9	2.2	11
24	Multi-centre variability of ISCEV standard ERGs in two normal adults. <i>Documenta Ophthalmologica</i> , 2015 , 130, 83-101	2.2	10
23	Contact lens electroretinography in preterm infants from 32 weeks after conception: a development in current methodology. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2000 , 82, F233-6	4.7	9
22	Asymmetrical growth of the photopic hill during the light adaptation effect. <i>Documenta Ophthalmologica</i> , 2010 , 121, 177-87	2.2	8
21	Rapid detection of threshold VEPs. <i>Clinical Neurophysiology</i> , 2003 , 114, 1009-20	4.3	8
20	Testing Pediatric Acuity With an iPad: Validation of "Peekaboo Vision" in Malawi and the UK. <i>Translational Vision Science and Technology</i> , 2019 , 8, 8	3.3	8
19	Development of the electroretinogram between 30 and 50 weeks after conception. <i>Early Human Development</i> , 2005 , 81, 461-4	2.2	7
18	Prenatal opioid exposure - Increasing evidence of harm. <i>Early Human Development</i> , 2020 , 150, 105188	2.2	6

17	Teleophthalmology techniques increase ophthalmic examination distance. <i>Eye</i> , 2021 , 35, 1780-1781	4.4	5
16	Inadequacy of IV vitamin A supplementation of extremely preterm infants?. <i>Journal of Pediatrics</i> , 2005 , 146, 846-7; author reply 847-8	3.6	4
15	Fear of the dark in children: is stationary night blindness the cause?. <i>BMJ, The</i> , 2003 , 326, 211-2	5.9	4
14	G429(P) A 13 year old with fussy-eating induced blindness. <i>Archives of Disease in Childhood</i> , 2014 , 99, A179-A180	2.2	4
13	Dark-adapted oscillatory potentials in preterm infants with and without retinopathy of prematurity. <i>Documenta Ophthalmologica</i> , 2013 , 127, 33-40	2.2	2
12	Time to standardise neonatal pulse oximetry. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021 , 106, 224-225	4.7	2
11	Dark-adapted red flash ERGs in healthy adults. <i>Documenta Ophthalmologica</i> , 2018 , 137, 1-8	2.2	2
10	Variability of flashes and background luminances of clinical electroretinography stimuli across 14 UK centres. <i>Journal of Modern Optics</i> , 2013 , 60, 1209-1216	1.1	1
9	Monocular and binocular steady-state flicker VEPs: frequency-response functions to sinusoidal and square-wave luminance modulation. <i>Documenta Ophthalmologica</i> , 2011 , 122, 63-70	2.2	1
8	Visual electrophysiological findings in CHARGE syndrome with bilateral colobomas: a case report. <i>Documenta Ophthalmologica</i> , 2010 , 121, 63-7	2.2	1
7	Mathematical analysis of the cone ERG photopic hill: Clinical applications. <i>Acta Ophthalmologica</i> , 85 , 0-0		1
6	Reference ranges for clinical electrophysiology of vision. <i>Documenta Ophthalmologica</i> , 2021 , 143, 155-170		1
5	Insufficient evidence to support the clinical diagnosis of an epileptic seizure. <i>Documenta Ophthalmologica</i> , 2021 , 142, 399-400	2.2	1
4	Live teleophthalmology avoids escalation of referrals to secondary care during COVID-19 lockdown. <i>Australasian journal of optometry, The</i> , 2021 , 104, 711-716	2.7	1
3	Clinical electrophysiology of vision-commentary on current status and future prospects. <i>Eye</i> , 2021 , 35, 2341-2343	4.4	0
2	Abnormal visual evoked potentials in newborn infants of drug-misusing mothers: is prescription of substitute methadone to blame?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011 , 96, Fa45-Fa46	4.7	
1	Too Many Shades of Grey: Photometrically and Spectrally Mismatched Targets and Backgrounds in Printed Acuity Tests for Infants and Young Children. <i>Translational Vision Science and Technology</i> , 2020 , 9, 12	3.3	