

# James Odom

## List of Publications by Citations

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76  
papers

2,587  
citations

21  
h-index

49  
g-index

93  
ext. papers

2,894  
ext. citations

2.8  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
76	ISCEV standard for clinical visual evoked potentials (2009 update). <i>Documenta Ophthalmologica</i> , <b>2010</b> , 120, 111-9	2.2	385
75	ISCEV standard for clinical visual evoked potentials: (2016 update). <i>Documenta Ophthalmologica</i> , <b>2016</b> , 133, 1-9	2.2	289
74	Visual evoked potentials standard (2004). <i>Documenta Ophthalmologica</i> , <b>2004</b> , 108, 115-23	2.2	282
73	Good visual function after neonatal surgery for congenital monocular cataracts. <i>American Journal of Ophthalmology</i> , <b>1981</b> , 91, 559-65	4.9	260
72	Standard for visual evoked potentials 1995. The International Society for Clinical Electrophysiology of Vision. <i>Vision Research</i> , <b>1996</b> , 36, 3567-72	2.1	104
71	Bacterial biofilm diversity in contact lens-related disease: emerging role of <i>Achromobacter</i> , <i>Stenotrophomonas</i> , and <i>Delftia</i> <b>2012</b> , 53, 3896-905		90
70	Voxel-based analysis of MRI detects abnormal visual cortex in children and adults with amblyopia. <i>Human Brain Mapping</i> , <b>2005</b> , 25, 222-36	5.9	88
69	Correspondence matching in apparent motion: evidence for three-dimensional spatial representation. <i>Science</i> , <b>1986</b> , 233, 1427-9	33.3	67
68	Effect of natural deprivation and unilateral eye patching on visual acuity of infants and children. Evoked potential measurements. <i>JAMA Ophthalmology</i> , <b>1981</b> , 99, 1412-6		62
67	Pattern evoked retinal response (PERR) in human: effects of spatial frequency, temporal frequency, luminance and defocus. <i>Current Eye Research</i> , <b>1982</b> , 2, 99-108	2.9	58
66	Monocular activation of V1 and V2 in amblyopic adults measured with functional magnetic resonance imaging. <i>Journal of AAPOS</i> , <b>2007</b> , 11, 341-50	1.3	52
65	Visual Acuity Measurements by Swept Spatial Frequency Visual-Evoked-Cortical Potentials (VECPs): Clinical Application in Children with Various Visual Disorders. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , <b>1990</b> , 27, 40-47	0.9	50
64	Maturation of evoked potentials and visual preference in 6-45-day-old infants: effects of check size, visual acuity, and refractive error. <i>Electroencephalography and Clinical Neurophysiology</i> , <b>1977</b> , 42, 595-607		45
63	Quantitating the superior visual field loss associated with ptosis. <i>JAMA Ophthalmology</i> , <b>1989</b> , 107, 840-3		44
62	Relating binocular and monocular vision in strabismic and anisometropic amblyopia. <i>JAMA Ophthalmology</i> , <b>2006</b> , 124, 844-50		39
61	Retinotopic maps and foveal suppression in the visual cortex of amblyopic adults. <i>Journal of Physiology</i> , <b>2007</b> , 583, 159-73	3.9	34
60	The relative contributions of reattribution and verbal extinction to the effectiveness of cognitive restructuring. <i>Behavior Therapy</i> , <b>1975</b> , 6, 459-474	4.8	34

59	Flicker electroretinograms: a systems analytic approach. <i>Optometry and Vision Science</i> , <b>1992</b> , 69, 106-16	2.1	32
58	Visual function deficits in glaucoma. Electroretinogram pattern and luminance nonlinearities. <i>JAMA Ophthalmology</i> , <b>1990</b> , 108, 222-7		31
57	Visually Evoked Potentials and Electroretinography in Neurologic Evaluation. <i>Neurologic Clinics</i> , <b>1991</b> , 9, 225-242	4.5	27
56	Static flicker perimetry in glaucoma and ocular hypertension. <i>Current Eye Research</i> , <b>1991</b> , 10, 205-12	2.9	23
55	Visually evoked potential (VEP) acuity: testability in a clinical pediatric population. <i>Acta Ophthalmologica</i> , <b>1984</b> , 62, 993-8	3.7	21
54	VEP estimation of visual acuity: a systematic review. <i>Documenta Ophthalmologica</i> , <b>2021</b> , 142, 25-74	2.2	21
53	Eye patching and visual evoked potential acuity in children four months to eight years old. <i>Optometry and Vision Science</i> , <b>1982</b> , 59, 706-17	2.1	19
52	West Virginia survey of visual health: Low vision and barriers to access. <i>Visual Impairment Research</i> , <b>2004</b> , 6, 53-71		18
51	Predictability of donor lamellar graft diameter and thickness in an artificial anterior chamber system. <i>Cornea</i> , <b>2002</b> , 21, 696-9	3.1	18
50	Acuity estimated by visually evoked potentials is affected by scaling. <i>Documenta Ophthalmologica</i> , <b>1986</b> , 62, 107-17	2.2	18
49	Temporal integration in global stereopsis. <i>Perception &amp; Psychophysics</i> , <b>1985</b> , 37, 139-44		18
48	Visual system manifestations due to systemic exposure to mercury. <i>Cutaneous and Ocular Toxicology</i> , <b>2006</b> , 25, 173-83	1.8	17
47	ISCEV extended protocol for VEP methods of estimation of visual acuity. <i>Documenta Ophthalmologica</i> , <b>2021</b> , 142, 17-24	2.2	17
46	Health-related quality of life after surgical removal of an eye. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , <b>2013</b> , 29, 51-6	1.4	16
45	Tetanus prophylaxis following ocular injuries. <i>Journal of Emergency Medicine</i> , <b>1993</b> , 11, 677-83	1.5	16
44	10-Hz flash visual evoked potentials predict post-cataract extraction visual acuity. <i>Documenta Ophthalmologica</i> , <b>1987</b> , 66, 291-9	2.2	15
43	Pattern electroretinogram: effects of reference electrode position. <i>Documenta Ophthalmologica</i> , <b>1987</b> , 65, 297-306	2.2	13
42	The differential effectiveness of five treatment procedures on three response systems in a snake phobia analog study. <i>Behavior Therapy</i> , <b>1978</b> , 9, 936-942	4.8	13

41	Efferent influences on the bioelectrical activity of the retina in primates. <i>Documenta Ophthalmologica</i> , <b>2017</b> , 134, 57-73	2.2	12
40	Visual evoked potential importance in the complex mechanism of amblyopia. <i>International Ophthalmology</i> , <b>2013</b> , 33, 515-9	2.2	12
39	Detection of hidden visual loss in multiple sclerosis. A comparison of pattern-reversal visual evoked potentials and contrast sensitivity. <i>Documenta Ophthalmologica</i> , <b>1991</b> , 77, 255-64	2.2	11
38	Preoperative prediction of postoperative visual acuity in patients with cataracts: a quantitative review. <i>Documenta Ophthalmologica</i> , <b>1988</b> , 70, 5-17	2.2	11
37	Retinal and cortical pattern responses: a comparison of infants and adults. <i>Optometry and Vision Science</i> , <b>1983</b> , 60, 369-75	2.1	11
36	Parallel pathways, noise masking and glaucoma detection: behavioral and electrophysiological measures. <i>Documenta Ophthalmologica</i> , <b>1998</b> , 95, 283-99	2.2	10
35	Visually evoked potentials evoked by moving unidimensional noise stimuli: effects of contrast, spatial frequency, active electrode location, reference electrode location, and stimulus type. <i>Documenta Ophthalmologica</i> , <b>1998</b> , 95, 315-33	2.2	10
34	Vision rehabilitation: recipients' perceived efficacy of rehabilitation. <i>Ophthalmic Epidemiology</i> , <b>2007</b> , 14, 103-11	1.9	10
33	Texton-based segmentation of retinal vessels. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2007</b> , 24, 1384-93	1.8	10
32	The effects of acetazolamide in albino rabbits, pigmented rabbits, and humans. <i>Vision Research</i> , <b>1994</b> , 34, 829-37	2.1	10
31	Comparison of monoptic and dichoptic masking by light. <i>Perception &amp; Psychophysics</i> , <b>1984</b> , 35, 265-8		10
30	Comparison of nonabsorbable and absorbable sutures for use in oculoplastic surgery. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , <b>1991</b> , 7, 1-7	1.4	9
29	Comparison of preoperative 10-Hz visual evoked potentials to contrast sensitivity and visual acuity after cataract extraction. <i>Documenta Ophthalmologica</i> , <b>1992</b> , 81, 181-8	2.2	9
28	The effects of behavioral vision training on multiple aspects of visual functioning in myopic adults. <i>Journal of Behavioral Medicine</i> , <b>1986</b> , 9, 373-87	3.6	9
27	Interocular suppression in adults and infants using anaglyphic stimuli: visually evoked potential measures. <i>Electroencephalography and Clinical Neurophysiology</i> , <b>1983</b> , 56, 232-43		9
26	New Insights Into Pentosan Polysulfate Maculopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , <b>2021</b> , 52, 13-22	1.4	8
25	Models of binocular luminance interaction evaluated using visually evoked potential and psychophysical measures: a tribute to M. Russell Harter. <i>International Journal of Neuroscience</i> , <b>1995</b> , 80, 255-80	2	7
24	Use of 10-Hz flash visual evoked potentials in prediction of final visual acuity in diabetic eyes with vitreous hemorrhage. <i>Documenta Ophthalmologica</i> , <b>1992</b> , 79, 371-82	2.2	7

23	Dynamic stereoacuity: a comparison of electrophysiological and psychophysical responses in normal and stereoblind observers. <i>Documenta Ophthalmologica</i> , <b>1988</b> , 70, 45-58	2.2	7
22	Effects of visual deprivation on monocular acuities of humans and animals. <i>Optometry and Vision Science</i> , <b>1983</b> , 60, 472-80	2.1	7
21	Effects of Lighting on Reading Speed as a Function of Letter Size. <i>American Journal of Occupational Therapy</i> , <b>2018</b> , 72, 7202345020p1-7202345020p7	0.4	7
20	Visual function affects prosocial behaviors in older adults. <i>International Ophthalmology</i> , <b>2016</b> , 36, 45-54	2.2	4
19	Acetazolamide affects performance on the Nagel II anomaloscope. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1996</b> , 234 Suppl 1, S193-7	3.8	4
18	Developmental physiological optics and visual acuity: a brief review. <i>Experientia</i> , <b>1984</b> , 40, 1178-81		4
17	Predicting visual function after an ocular bee sting. <i>International Ophthalmology</i> , <b>2019</b> , 39, 1621-1626	2.2	3
16	Touching mathematics: a prototype tool for teaching pre-calculus to visually impaired students. <i>Journal of Modern Optics</i> , <b>2006</b> , 53, 1287-1294	1.1	3
15	The effects of acetazolamide on electroretinogram B-wave amplitude in albino rabbits. <i>Documenta Ophthalmologica</i> , <b>1989</b> , 72, 55-9	2.2	3
14	Test accuracy and predicting outcome. <i>JAMA Ophthalmology</i> , <b>1986</b> , 104, 1584		3
13	A stereo illusion induced by binocularly presented gratings: effects of number of eyes stimulated, spatial frequency, orientation, field size, and viewing distance. <i>Perception &amp; Psychophysics</i> , <b>1987</b> , 42, 140-9		3
12	Visual acuity improvement following fading and feedback training--I. Comparison of myopic and emmetropic volunteers. <i>Behaviour Research and Therapy</i> , <b>1988</b> , 26, 461-6	5.2	3
11	Giving Support and Suicidal Ideation in Older Adults with Vision-Related Diagnoses. <i>Clinical Gerontologist</i> , <b>2020</b> , 43, 17-23	2.7	3
10	Relationship of chromatic visual-evoked potentials and the changes of foveal photoreceptor layer in central serous chorioretinopathy patients. <i>Ophthalmic and Physiological Optics</i> , <b>2011</b> , 31, 381-8	4.1	2
9	Normal electro-oculograms in two patients with malignant melanoma of the choroid. <i>Documenta Ophthalmologica</i> , <b>1996</b> , 92, 167-72	2.2	2
8	Visual acuity improvement following fading and feedback training--II. Relationship to changes in refractive error. <i>Behaviour Research and Therapy</i> , <b>1988</b> , 26, 467-73	5.2	2
7	Effect of prism orientation on heading detection in optic flow. <i>Journal of Modern Optics</i> , <b>2006</b> , 53, 1363-1369		1
6	Symmetrical refractive error elevates stereo thresholds <b>1992</b> ,		1

- 5 Spatial density distribution as a basis for image compensation. *Journal of Modern Optics*, **2006**, 53, 1241-1244 ○
- 4 Effect of demand characteristics on heart rate during a behavioral avoidance test. *Perceptual and Motor Skills*, **1977**, 44, 175-83 2.2 ○
- 3 Maturation of binocular luminance interaction in normal young and adult rhesus monkeys. *Documenta Ophthalmologica*, **1998**, 95, 257-69 2.2
- 2 Detecting glaucomatous damage: evaluation with contrast independent tasks. *Journal of Modern Optics*, **2006**, 53, 1371-1383 1.1
- 1 A comparison of low vision patients from a clinic and a random sample of West Virginians: Demographics; treatment patterns; vision problems; and activities of daily living. *International Congress Series*, **2005**, 1282, 462-465