

James Odom

List of Publications by Year in descending order

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85
papers

3,453
citations

279487

23
h-index

149479

56
g-index

93
all docs

93
docs citations

93
times ranked

2739
citing authors

#	ARTICLE	IF	CITATIONS
1	ISCEV standard for clinical visual evoked potentials (2009 update). Documenta Ophthalmologica, 2010, 120, 111-119.	1.0	707
2	ISCEV standard for clinical visual evoked potentials: (2016 update). Documenta Ophthalmologica, 2016, 133, 1-9.	1.0	445
3	Visual evoked potentials standard (2004). Documenta Ophthalmologica, 2004, 108, 115-123.	1.0	319
4	Good Visual Function after Neonatal Surgery for Congenital Monocular Cataracts. American Journal of Ophthalmology, 1981, 91, 559-565.	1.7	289
5	Standard for Visual Evoked Potentials 1995. Vision Research, 1996, 36, 3567-3572.	0.7	116
6	Voxel-based analysis of MRI detects abnormal visual cortex in children and adults with amblyopia. Human Brain Mapping, 2005, 25, 222-236.	1.9	102
7	Bacterial Biofilm Diversity in Contact Lens-Related Disease: Emerging Role of <i>Achromobacter</i> , <i>Stenotrophomonas</i> , and <i>Delftia</i> , 2012, 53, 3896.		100
8	Correspondence matching in apparent motion: evidence for three-dimensional spatial representation. Science, 1986, 233, 1427-1429.	6.0	74
9	Effect of Natural Deprivation and Unilateral Eye Patching on Visual Acuity of Infants and Children. JAMA Ophthalmology, 1981, 99, 1412.	2.6	69
10	Pattern evoked retinal response (PERR) in human: effects of spatial frequency, temporal frequency, luminance and defocus. Current Eye Research, 1982, 2, 99-108.	0.7	68
11	Visual Acuity Measurements by Swept Spatial Frequency Visual-Evoked-Cortical Potentials (VECPs): Clinical Application in Children with Various Visual Disorders. Journal of Pediatric Ophthalmology and Strabismus, 1990, 27, 40-47.	0.3	67
12	Monocular activation of V1 and V2 in amblyopic adults measured with functional magnetic resonance imaging. Journal of AAPOS, 2007, 11, 341-350.	0.2	63
13	VEP estimation of visual acuity: a systematic review. Documenta Ophthalmologica, 2021, 142, 25-74.	1.0	57
14	Relating Binocular and Monocular Vision in Strabismic and Anisometropic Amblyopia. JAMA Ophthalmology, 2006, 124, 844.	2.6	51
15	Maturation of evoked potentials and visual preference in 6-45-day-old infants: Effects of check size, visual acuity, and refractive error. Electroencephalography and Clinical Neurophysiology, 1977, 42, 595-607.	0.3	50
16	Quantitating the Superior Visual Field Loss Associated With Ptosis. JAMA Ophthalmology, 1989, 107, 840.	2.6	49
17	Retinotopic maps and foveal suppression in the visual cortex of amblyopic adults. Journal of Physiology, 2007, 583, 159-173.	1.3	42
18	Flicker Electroretinograms: A Systems Analytic Approach. Optometry and Vision Science, 1992, 69, 106-116.	0.6	40

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19	The relative contributions of reattribution and verbal extinction to the effectiveness of cognitive restructuring. Behavior Therapy, 1975, 6, 459-474.	1.3	39
20	Visually Evoked Potentials and Electroretinography in Neurologic Evaluation. Neurologic Clinics, 1991, 9, 225-242.	0.8	37
21	Visual Function Deficits in Glaucoma. JAMA Ophthalmology, 1990, 108, 222.	2.6	33
22	ISCEV extended protocol for VEP methods of estimation of visual acuity. Documenta Ophthalmologica, 2021, 142, 17-24.	1.0	33
23	Static flicker perimetry in glaucoma and ocular hypertension. Current Eye Research, 1991, 10, 205-212.	0.7	26
24	Eye Patching and Visual Evoked Potential Acuity in Children Four Months to Eight Years Old. Optometry and Vision Science, 1982, 59, 706-717.	0.6	23
25	VISUALLY EVOKED POTENTIAL (VEP) ACUITY: TESTABILITY IN A CLINICAL PEDIATRIC POPULATION. Acta Ophthalmologica, 1984, 62, 993-998.	0.6	23
26	Temporal integration in global stereopsis. Perception & Psychophysics, 1985, 37, 139-144.	2.3	22
27	10-Hz flash visual evoked potentials predict post-cataract extraction visual acuity. Documenta Ophthalmologica, 1987, 66, 291-299.	1.0	22
28	Visual System Manifestations due to Systemic Exposure to Mercury. Cutaneous and Ocular Toxicology, 2006, 25, 173-183.	0.5	21
29	Tetanus prophylaxis following ocular injuries. Journal of Emergency Medicine, 1993, 11, 677-683.	0.3	20
30	Predictability of Donor Lamellar Graft Diameter and Thickness in an Artificial Anterior Chamber System. Cornea, 2002, 21, 696-699.	0.9	20
31	West Virginia survey of visual health: Low vision and barriers to access. Visual Impairment Research, 2004, 6, 53-71.	0.2	20
32	Visual evoked potential importance in the complex mechanism of amblyopia. International Ophthalmology, 2013, 33, 515-519.	0.6	19
33	Health-Related Quality of Life After Surgical Removal of an Eye. Ophthalmic Plastic and Reconstructive Surgery, 2013, 29, 51-56.	0.4	19
34	Acuity estimated by visually evoked potentials is affected by scaling. Documenta Ophthalmologica, 1986, 62, 107-117.	1.0	18
35	Efferent influences on the bioelectrical activity of the retina in primates. Documenta Ophthalmologica, 2017, 134, 57-73.	1.0	17
36	Pattern electroretinogram: Effects of reference electrode position. Documenta Ophthalmologica, 1987, 65, 297-306.	1.0	16

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37	Preoperative prediction of postoperative visual acuity in patients with cataracts: A quantitative review. <i>Documenta Ophthalmologica</i> , 1988, 70, 5-17.	1.0	16
38	The differential effectiveness of five treatment procedures on three response systems in a snake phobia analog study. <i>Behavior Therapy</i> , 1978, 9, 936-942.	1.3	15
39	Detection of hidden visual loss in multiple sclerosis. <i>Documenta Ophthalmologica</i> , 1991, 77, 255-264.	1.0	15
40	New Insights Into Pentosan Polysulfate Maculopathy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2021, 52, 13-22.	0.4	15
41	Retinal and Cortical Pattern Responses. <i>Optometry and Vision Science</i> , 1983, 60, 369-375.	0.6	14
42	Texton-based segmentation of retinal vessels. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2007, 24, 1384.	0.8	14
43	Vision Rehabilitation: Recipients' Perceived Efficacy of Rehabilitation. <i>Ophthalmic Epidemiology</i> , 2007, 14, 103-111.	0.8	14
44	Interocular suppression in adults and infants using anaglyphic stimuli: visually evoked potential measures. <i>Electroencephalography and Clinical Neurophysiology</i> , 1983, 56, 232-243.	0.3	12
45	Use of 10-Hz flash visual evoked potentials in prediction of final visual acuity in diabetic eyes with vitreous hemorrhage. <i>Documenta Ophthalmologica</i> , 1992, 79, 371-382.	1.0	12
46	Parallel pathways, noise masking and glaucoma detection: behavioral and electrophysiological measures. <i>Documenta Ophthalmologica</i> , 1998, 95, 283-299.	1.0	12
47	Dynamic stereoacuity: A comparison of electrophysiological and psychophysical responses in normal and stereoblind observers. <i>Documenta Ophthalmologica</i> , 1988, 70, 45-58.	1.0	11
48	Comparison of Nonabsorbable and Absorbable Sutures for Use in Oculoplastic Surgery. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 1991, 7, 1-7.	0.4	11
49	Comparison of preoperative 10-Hz visual evoked potentials to contrast sensitivity and visual acuity after cataract extraction. <i>Documenta Ophthalmologica</i> , 1992, 81, 181-188.	1.0	11
50	The effects of acetazolamide in albino rabbits, pigmented rabbits, and humans. <i>Vision Research</i> , 1994, 34, 829-837.	0.7	11
51	Predicting visual function after an ocular bee sting. <i>International Ophthalmology</i> , 2019, 39, 1621-1626.	0.6	11
52	Comparison of monoptic and dichoptic masking by light. <i>Perception & Psychophysics</i> , 1984, 35, 265-268.	2.3	10
53	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> , 1998, 95, 315-333.	1.0	10
54	Effects of Lighting on Reading Speed as a Function of Letter Size. <i>American Journal of Occupational Therapy</i> , 2018, 72, 7202345020p1-7202345020p7.	0.1	10

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55	The effects of behavioral vision training on multiple aspects of visual functioning in myopic adults. <i>Journal of Behavioral Medicine</i> , 1986, 9, 373-387.	1.1	9
56	Editorial: Abstracts of the 46th symposium of ISCEV, Morgantown, WV, USA. <i>Documenta Ophthalmologica</i> , 2008, 117, 1-2.	1.0	8
57	Effects of Visual Deprivation on Monocular Acuties of Humans and Animals. <i>Optometry and Vision Science</i> , 1983, 60, 472-480.	0.6	7
58	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> , 1995, 80, 255-280.	0.8	7
59	Acetazolamide affects performance on the Nagel II anomaloscope. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1996, 234, S193-S197.	1.0	6
60	Giving Support and Suicidal Ideation in Older Adults with Vision-Related Diagnoses. <i>Clinical Gerontologist</i> , 2020, 43, 17-23.	1.2	6
61	Developmental physiological optics and visual acuity: A brief review. <i>Experientia</i> , 1984, 40, 1178-1181.	1.2	5
62	Visual function affects prosocial behaviors in older adults. <i>International Ophthalmology</i> , 2016, 36, 45-54.	0.6	5
63	Test Accuracy and Predicting Outcome. <i>JAMA Ophthalmology</i> , 1986, 104, 1584-1584.	2.6	4
64	A stereo illusion induced by binocularly presented gratings: Effects of number of eyes stimulated, spatial frequency, orientation, field size, and viewing distance. <i>Perception & Psychophysics</i> , 1987, 42, 140-149.	2.3	4
65	Relationship of chromatic visual evoked potentials and the changes of foveal photoreceptor layer in central serous chorioretinopathy patients. <i>Ophthalmic and Physiological Optics</i> , 2011, 31, 381-388.	1.0	4
66	Visual acuity improvement following fading and feedback training ^{II} . Comparison of myopic and emmetropic volunteers. <i>Behaviour Research and Therapy</i> , 1988, 26, 461-466.	1.6	3
67	The effects of acetazolamide on electroretinogram B-wave amplitude in albino rabbits. <i>Documenta Ophthalmologica</i> , 1989, 72, 55-59.	1.0	3
68	Touching mathematics: a prototype tool for teaching pre-calculus to visually impaired students. <i>Journal of Modern Optics</i> , 2006, 53, 1287-1294.	0.6	3
69	Visual acuity improvement following fading and feedback training ^{II} . Relationship to changes in refractive error. <i>Behaviour Research and Therapy</i> , 1988, 26, 467-473.	1.6	2
70	Symmetrical refractive error elevates stereo thresholds. , 1992, , .		2
71	Normal electro-oculograms in two patients with malignant melanoma of the choroid. <i>Documenta Ophthalmologica</i> , 1996, 92, 167-172.	1.0	2
72	Functional vision: assessment and outcome. <i>Visual Impairment Research</i> , 2003, 5, 113-114.	0.2	2

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73	Loss of visual cortex in children and adults with amblyopia. Journal of Vision, 2004, 4, 203-203.	0.1	2
74	Effect of Demand Characteristics on Heart Rate during a Behavioral Avoidance Test. Perceptual and Motor Skills, 1977, 44, 175-183.	0.6	1
75	Ocular scanning instrumentation: rapid diagnosis of chemical threat agent exposure. , 2004, , .		1
76	Effect of prism orientation on heading detection in optic flow. Journal of Modern Optics, 2006, 53, 1363-1369.	0.6	1
77	Spatial density distribution as a basis for image compensation. Journal of Modern Optics, 2006, 53, 1241-1244.	0.6	1
78	Monocular retinotopic mapping in amblyopic adults. Journal of Vision, 2010, 3, 112-112.	0.1	1
79	Visually evoked potentials elicited by lateral displacement and stereo motion. , 1992, , .		0
80	Direction of perceived motion-in-depth in ambiguous dynamic random element stereograms. , 1992, , .		0
81	Binocular luminance Interaction of stereo abnormals: Visually evoked potentials. , 1992, , .		0
82	Maturation of binocular luminance interaction in normal young and adult rhesus monkeys. Documenta Ophthalmologica, 1998, 95, 257-269.	1.0	0
83	Ocular scanning instrumentation: confirmation of biomarkers for anticholinesterase and cyanide exposure. , 2003, , .		0
84	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.	0.2	0
85	Detecting glaucomatous damage: evaluation with contrast independent tasks. Journal of Modern Optics, 2006, 53, 1371-1383.	0.6	0