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List of Publications by Year
in descending order

Version: 2024-02-01

92 papers	3,887 citations	101496 36 h-index	123376 61 g-index
94 all docs	94 docs citations	94 times ranked	2875 citing authors

#	Article	IF	Citations
1	A Randomized Clinical Trial of High-Dosage Coenzyme Q10 in Early Parkinson Disease. JAMA Neurology, 2014, 71, 543.	4.5	312
2	VISUAL DYSFUNCTION IN PARKINSON'S DISEASE. Brain, 1987, 110, 1675-1698.	3.7	278
3	Abnormalities of Central Contrast Sensitivity in Glaucoma. American Journal of Ophthalmology, 1979, 88, 205-211.	1.7	172
4	THE MEASUREMENT OF SPATIAL CONTRAST SENSITIVITY IN CASES OF BLURRED VISION ASSOCIATED WITH CEREBRAL LESIONS. Brain, 1976, 99, 695-710.	3.7	150
5	Î±â€šynuclein in the inner retina in parkinson disease. Annals of Neurology, 2014, 75, 964-966.	2.8	148
6	Dopaminergic deficiency and delayed visual evoked potentials in humans. Annals of Neurology, 1982, 11, 478-483.	2.8	147
7	Retinopathy in Parkinson disease. Journal of Neural Transmission, 2009, 116, 1493-1501.	1.4	133
8	Cortical binocularity in infants. Nature, 1980, 288, 363-365.	13.7	122
9	Neuropsychological and perceptual defects in Parkinson's disease. Parkinsonism and Related Disorders, 2003, 9, 83-89.	1.1	97
10	The pattern electroretinogram in Parkinson's disease reveals lack of retinal spatial tuning. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1996, 100, 1-11.	2.0	94
11	Visual evoked potentials and the visuogram in multiple sclerosis. Annals of Neurology, 1979, 5, 40-47.	2.8	91
12	SPATIAL FREQUENCY-DEPENDENT ABNORMALITIES OF THE PATTERN ELECTRORETINOGRAM AND VISUAL EVOKED POTENTIALS IN A PARKINSONIAN MONKEY MODEL. Brain, 1988, 111, 131-149.	3.7	88
13	Recommended standards for electroretinograms and visual evoked potentials. Report of an IFCN committee. Electroencephalography and Clinical Neurophysiology, 1993, 87, 421-436.	0.3	84
14	Management of the hospitalized patient with Parkinsonâ€™s disease: Current state of the field and need for guidelines. Parkinsonism and Related Disorders, 2011, 17, 139-145.	1.1	82
15	Effect of Urate-Elevating Inosine on Early Parkinson Disease Progression. JAMA - Journal of the American Medical Association, 2021, 326, 926.	3.8	80
16	Dopaminergic deficiency causes delayed visual evoked potentials in rats. Annals of Neurology, 1982, 11, 484-490.	2.8	76
17	Hospitalization in Parkinson disease: A survey of National Parkinson Foundation Centers. Parkinsonism and Related Disorders, 2011, 17, 440-445.	1.1	76
18	Correlation of Inner Retinal Thickness Evaluated by Spectral-Domain Optical Coherence Tomography and Contrast Sensitivity in Parkinson disease. Journal of Neuro-Ophthalmology, 2013, 33, 137-142.	0.4	71

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19	Dance for PD: a preliminary investigation of effects on motor function and quality of life among persons with Parkinsonâ€™s disease (PD). Journal of Neural Transmission, 2015, 122, 1263-1270.	1.4	70
20	Signs of early damage in glaucomatous monkey eyes: Low spatial frequency losses in the pattern ERG and VEP. Experimental Eye Research, 1988, 46, 173-184.	1.2	64
21	Remodeling of the fovea in Parkinson disease. Journal of Neural Transmission, 2013, 120, 745-753.	1.4	64
22	Temporal frequency-dependent vep changes in Parkinson's disease. Vision Research, 1986, 26, 185-193.	0.7	62
23	Measuring Disease Progression in Early Parkinson Disease. JAMA Neurology, 2014, 71, 710.	4.5	62
24	The effect of intraocular 6-hydroxydopamine on retinal processing of primates. Annals of Neurology, 1989, 25, 357-364.	2.8	60
25	Interocular Asymmetry of Foveal Thickness in Parkinson Disease. Journal of Ophthalmology, 2012, 2012, 1-6.	0.6	59
26	Foveal vision is impaired in Parkinson's disease. Parkinsonism and Related Disorders, 2013, 19, 1-14.	1.1	59
27	Systemic 1-methyl, 4-phenyl, 1-2-3-6-tetrahydropyridine (MPTP) administration decreases retinal dopamine content in primates. Life Sciences, 1988, 43, 255-262.	2.0	58
28	The effect of stimulus orientation on the visual evoked potential in multiple sclerosis. Annals of Neurology, 1981, 10, 532-539.	2.8	56
29	Venturing into the noâ€man's land of the retina in Parkinson's disease. Movement Disorders, 2014, 29, 15-22.	2.2	55
30	Spatial frequency tuning of the monkey pattern erg depends on d2 receptor-linked action of dopamine. Vision Research, 1994, 34, 2051-2057.	0.7	54
31	Vulnerability of spatial frequency channels in cerebral lesions. Nature, 1976, 261, 309-311.	13.7	52
32	Visual Electrophysiology in Parkinson's Disease: PERG, VEP and Visual P300. Clinical EEG (electroencephalography), 1997, 28, 143-147.	0.9	43
33	A combination of retinal morphology and visual electrophysiology testing increases diagnostic yield in Parkinson's disease. Parkinsonism and Related Disorders, 2016, 22, S134-S137.	1.1	41
34	SYSTEM DISEASES AND VISUAL EVOKED POTENTIAL DIAGNOSIS IN NEUROLOGY: CHANGES DUE TO SYNAPTIC MALFUNCTION. Annals of the New York Academy of Sciences, 1982, 388, 327-347.	1.8	39
35	Visuospatial Orientation in Parkinson's Disease. International Journal of Neuroscience, 1990, 51, 9-18.	0.8	39
36	Electrophysiological evidence that early glaucoma affects foveal vision. Documenta Ophthalmologica, 1987, 67, 281-301.	1.0	37

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37	The avascular zone and neuronal remodeling of the fovea in Parkinson disease. Annals of Clinical and Translational Neurology, 2015, 2, 196-201.	1.7	36
38	Recovery from cerebral blindness: Evoked potential and psychophysical measurements. Electroencephalography and Clinical Neurophysiology, 1977, 42, 178-184.	0.3	35
39	Wavelet Transform of the EEG Reveals Differences in Low and High Gamma Responses to Elementary Visual Stimuli. Clinical EEG (electroencephalography), 2001, 32, 139-144.	0.9	30
40	Cortical Functional Anatomy of Voluntary Saccades in Parkinson Disease. Clinical EEG and Neuroscience, 2008, 39, 169-174.	0.9	29
41	Determinants of the Timing of Symptomatic Treatment in Early Parkinson Disease. Archives of Neurology, 2009, 66, 1099.	4.9	29
42	Factors associated with falling in early, treated Parkinson's disease: The NET-PD LS1 cohort. Journal of the Neurological Sciences, 2017, 377, 137-143.	0.3	27
43	Dopamine D2 receptor blockade alters the primary and cognitive components of visual evoked potentials in the monkey, Macaca fascicularis. Neuroscience Letters, 1997, 232, 179-181.	1.0	26
44	Visualizing the Next Steps in Parkinson Disease. Archives of Neurology, 2002, 59, 1233.	4.9	26
45	Application of an OCT data-based mathematical model of the foveal pit in Parkinson disease. Journal of Neural Transmission, 2014, 121, 1367-1376.	1.4	25
46	Binocular stimulation reveals cortical components of the human visual evoked potential. Electroencephalography and Clinical Neurophysiology, 1981, 52, 298-305.	0.3	23
47	Electrophysiological correlates of visual categorization: evidence for cognitive dysfunctions in early Parkinsonâ€™s disease. Cognitive Brain Research, 2002, 13, 153-158.	3.3	23
48	Longer Duration of MAO-B Inhibitor Exposure is Associated with Less Clinical Decline in Parkinsonâ€™s Disease: AnÂAnalysisÂofÂNET-PD LS1. Journal of Parkinson's Disease, 2017, 7, 117-127.	1.5	22
49	A novel retinal biomarker for Parkinson's disease: Quantifying the foveal pit with optical coherence tomography. Movement Disorders, 2015, 30, 1692-1695.	2.2	20
50	Autonomic and electrocardiographic findings in Parkinson's disease. Autonomic Neuroscience: Basic and Clinical, 2017, 205, 93-98.	1.4	19
51	Fovea and foveation in Parkinson's disease.. Behavioral Neuroscience, 2013, 127, 139-150.	0.6	18
52	Different spatial organizations of saccade related BOLD-activation in parietal and striate cortex. Brain Research, 2008, 1233, 89-97.	1.1	17
53	Charles Bonnet Syndrome. Journal of the American Geriatrics Society, 1996, 44, 1128-1129.	1.3	15
54	Perisaccadic Parietal and Occipital Gamma Power in Light and in Complete Darkness. Perception, 2008, 37, 419-432.	0.5	14

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55	Visual discrimination and P300 are affected in parallel by cholinergic agents in the behaving monkey. Physiology and Behavior, 1994, 56, 161-166.	1.0	13
56	Activity engagement and health quality of life in people with Parkinsonâ€™s disease. Disability and Rehabilitation, 2015, 37, 1411-1415.	0.9	13
57	Conjugate eye movements and gamma power modulation of the EEG in persistent vegetative state. Journal of the Neurological Sciences, 2006, 246, 65-69.	0.3	12
58	Evidence for two distinct nonlinear components in the human pattern ERG. Vision Research, 1992, 32, 11-17.	0.7	11
59	Cortical control of saccades in Parkinson disease and essential tremor. Journal of Neural Transmission, 2013, 120, 145-156.	1.4	11
60	Pre-Emptive Perception. Perception, 2008, 37, 462-478.	0.5	10
61	Scalp distribution of pattern visual evoked potentials in normal and hemianopic monkeys. Physiology and Behavior, 1987, 41, 297-302.	1.0	9
62	Perception of Phosphenes and Flashed Alphabetical Characters is Enhanced by Single-Pulse Transcranial Magnetic Stimulation of Anterior Frontal Lobe: The Thalamic Gate Hypothesis. Perception, 2008, 37, 375-388.	0.5	9
63	The effect of refractive error on pattern electroretinograms in primates. Current Eye Research, 1986, 5, 183-187.	0.7	8
64	Parkinson's Disease, Aging, and Visual Cognition. Topics in Geriatric Rehabilitation, 2008, 24, 166-181.	0.2	8
65	Immediate-release/extended-release amantadine (OS320) to treat Parkinson's disease with levodopa-induced dyskinesia: Analysis of the randomized, controlled ALLAY-LID studies. Parkinsonism and Related Disorders, 2022, 96, 65-73.	1.1	8
66	Visual evoked potential latencies in papilledema and hydrocephalus. Neuro-Ophthalmology, 1981, 2, 85-92.	0.4	7
67	Impact of Depression on Progression of Impairment and Disability in Early Parkinson's Disease. Movement Disorders Clinical Practice, 2015, 2, 371-378.	0.8	6
68	Parkinson's disease severity and use of dopaminergic medications. Parkinsonism and Related Disorders, 2015, 21, 297-299.	1.1	6
69	Cognitive function in 1736 participants in NINDS Exploratory Trials in PD Long-term Study-1. Parkinsonism and Related Disorders, 2016, 33, 127-133.	1.1	6
70	Push-Pull Model of Dopamineâ€™s Action in the Retina. Topics in Biomedical Engineering, 2002, , 191-214.	0.2	5
71	The effect of background spatial contrast on electroretinographic responses in the human retina. Vision Research, 2009, 49, 922-930.	0.7	4
72	STIMULUS PARAMETERS AND VISUAL EVOKED POTENTIAL DIAGNOSIS. Annals of the New York Academy of Sciences, 1982, 388, 645-647.	1.8	3

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73	OCT and Parkinsonâ€™s Disease. , 2016, , 105-121.		3
74	Gamma-Band Modulation and Coherence in the EEG by Involuntary Eye Movements in Patients in Unresponsive Wakefulness Syndrome. Clinical EEG and Neuroscience, 2016, 47, 196-206.	0.9	3
75	ROUNDTABLE SESSION: THE TRUE BINOCULAR VISUAL EVOKED POTENTIAL: INTRODUCTION. Annals of the New York Academy of Sciences, 1982, 388, 608-609.	1.8	2
76	Assessment of current visual psycho-physical testing methods with special reference to primary open angle glaucomatous disease (POAGD). Neuro-Ophthalmology, 1994, 14, 61-71.	0.4	2
77	Editors note: The above letter was referred to the authors of the original paper, and their reply follows. Journal of the American Geriatrics Society, 1997, 45, 894-895.	1.3	2
78	Topographical Analysis of the Onset VEP in the Detection of Paracentral Visual Field Defects. Clinical EEG (electroencephalography), 2002, 33, 62-69.	0.9	2
79	Chapter 25 Visual dysfunction in disorders with altered dopaminergic neurotransmission. Handbook of Clinical Neurophysiology, 2005, , 467-490.	0.0	2
80	Chapter 25 The wavelet transformed EEG: a new method of trial-by-trial evaluation of saccade-related cortical activity. Supplements To Clinical Neurophysiology, 2006, 59, 183-189.	2.1	2
81	Current Aspects of Cognitive Neurophysiology of Parkinson Disease: An Introduction. Clinical EEG and Neuroscience, 2010, 41, 68-75.	0.9	2
82	The intrinsically restructured fovea is correlated with contrast sensitivity loss in Parkinsonâ€™s disease. Journal of Neural Transmission, 2020, 127, 1275-1283.	1.4	2
83	The Effect of Diverse Dopamine Receptors on Spatial Processing in the Central Retina. , 2005, , 347-367.		2
84	Progress in retinal research, volume 3. Survey of Ophthalmology, 1985, 30, 203-204.	1.7	1
85	OCT in Parkinsonâ€™s Disease and Related Disorders. , 2020, , 235-262.		1
86	Psychophysical examination of paracentral defects in glaucoma. Current Opinion in Ophthalmology, 2000, 11, 140-144.	1.3	1
87	PATTERN ELECTRORETINOGRAMS: GENERAL DISCUSSION. Annals of the New York Academy of Sciences, 1980, 338, 602-607.	1.8	0
88	The visual system, MBL lectures in biology, volume 5. Survey of Ophthalmology, 1986, 30, 402-403.	1.7	0
89	Conference Abstracts:. Advances in Alcohol & Substance Abuse, 1991, 9, 133-141.	0.5	0
90	Cognitive Neurophysiology of Parkinson Disease. Clinical EEG and Neuroscience, 2010, 41, vi-vi.	0.9	0

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91	The Role of Visual Perception in Spoken Responses. Biocybernetics and Biomedical Engineering, 2011, 31, 65-80.	3.3	0
92	Pre-emptive perception. Introduction. Perception, 2008, 37, 330-2.	0.5	0