Vittorio Porciatti

List of Publications by Year in Descending Order

183 papers	7,939 citations	46 h-index	84 g-index
190 ext. papers	8,836 ext. citations	4.8 avg, IF	5.82 L-index

#	Paper	IF	Citations
183	The Relationship Between Stage of Leber's Hereditary Optic Neuropathy and Pattern Electroretinogram Latency.. *Translational Vision Science and Technology*, **2022**, 11, 31	3.3	2
182	Leber Hereditary Optic Neuropathy Gene Therapy: Adverse Events and Visual Acuity Results of all Patient Groups.. *American Journal of Ophthalmology*, **2022**,	4.9	2
181	Using Noninvasive Electrophysiology to Determine Time Windows of Neuroprotection in Optic Neuropathies. *International Journal of Molecular Sciences*, **2022**, 23, 5751	6.3	1
180	Retinal microvascular and neuronal function in patients with multiple sclerosis: 2-year follow-up. *Multiple Sclerosis and Related Disorders*, **2021**, 56, 103314	4	0
179	Compartmental Differences in Macular Retinal Ganglion Cell Function. *Translational Vision Science and Technology*, **2021**, 10, 28	3.3	
178	Longitudinal Study of Retinal Structure, Vascular, and Neuronal Function in Patients With Relapsing-Remitting Multiple Sclerosis: 1-Year Follow-Up. *Translational Vision Science and Technology*, **2021**, 10, 6	3.3	1
177	Retinal and cortical visual acuity in a common inbred albino mouse. *PLoS ONE*, **2021**, 16, e0242394	3.7	
176	Modeling Retinal Ganglion Cell Dysfunction in Optic Neuropathies. *Cells*, **2021**, 10,	7.9	3
175	Diabetes Exacerbates the Intraocular Pressure-Independent Retinal Ganglion Cells Degeneration in the DBA/2J Model of Glaucoma **2021**, 62, 9		2
174	Non-invasive Assessment of Central Retinal Artery Pressure: Age and Posture-dependent Changes. *Current Eye Research*, **2021**, 46, 135-139	2.9	0
173	1₱25-dihydroxyvitamin D protects retinal ganglion cells in glaucomatous mice. *Journal of Neuroinflammation*, **2021**, 18, 206	10.1	2
172	P2X7 receptor antagonism preserves retinal ganglion cells in glaucomatous mice. *Biochemical Pharmacology*, **2020**, 180, 114199	6	22
171	Long-term PERG monitoring of untreated and treated glaucoma suspects. *Documenta Ophthalmologica*, **2020**, 141, 149-156	2.2	5
170	Nicotinamide-Rich Diet in DBA/2J Mice Preserves Retinal Ganglion Cell Metabolic Function as Assessed by PERG Adaptation to Flicker. *Nutrients*, **2020**, 12,	6.7	24
169	Adaptable retinal ganglion cell function: assessing autoregulation of inner retina pathways. *Neural Regeneration Research*, **2020**, 15, 2237-2238	4.5	2
168	The Role of Deimination in Regenerative Reprogramming of Neurons. *Molecular Neurobiology*, **2019** , 56, 2618-2639	6.2	4
167	Adaptation of retinal ganglion cell function during flickering light in the mouse. *Scientific Reports*, **2019**, 9, 18396	4.9	7

166	Neurovascular Changes Associated With the Water Drinking Test. *Journal of Glaucoma*, **2018**, 27, 429-432	2.1	10
165	Pannexin 1 sustains the electrophysiological responsiveness of retinal ganglion cells. *Scientific Reports*, **2018**, 8, 5797	4.9	12
164	Reply. *Ophthalmology*, **2018**, 125, e15-e16	7.3	
163	Longterm Reversal of Severe Visual Loss by Mitochondrial Gene Transfer in a Mouse Model of Leber Hereditary Optic Neuropathy. *Scientific Reports*, **2018**, 8, 5587	4.9	6
162	Retinal ganglion cell function in recovered optic neuritis: Faster is not better. *Clinical Neurophysiology*, **2018**, 129, 1813-1818	4.3	6
161	Anesthetic Preconditioning as Endogenous Neuroprotection in Glaucoma. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	13
160	High-Throughput Binocular Pattern Electroretinograms in the Mouse. *Methods in Molecular Biology*, **2018**, 1695, 63-68	1.4	4
159	Steady-state PERG adaptation: a conspicuous component of response variability with clinical significance. *Documenta Ophthalmologica*, **2018**, 136, 157-164	2.2	4
158	Vitamin B modulates mitochondrial vulnerability and prevents glaucoma in aged mice. *Science*, **2017**, 355, 756-760	33.3	259
157	Reply. *Ophthalmology*, **2017**, 124, e22-e23	7.3	
156	Head-down Posture in Glaucoma Suspects Induces Changes in IOP, Systemic Pressure, and PERG That Predict Future Loss of Optic Nerve Tissue. *Journal of Glaucoma*, **2017**, 26, 459-465	2.1	13
155	Next Generation PERG Method: Expanding the Response Dynamic Range and Capturing Response Adaptation. *Translational Vision Science and Technology*, **2017**, 6, 5	3.3	14
154	A Novel Mouse Model of Traumatic Optic Neuropathy Using External Ultrasound Energy to Achieve Focal, Indirect Optic Nerve Injury. *Scientific Reports*, **2017**, 7, 11779	4.9	30
153	Gene Therapy for Leber Hereditary Optic Neuropathy: Low- and Medium-Dose Visual Results. *Ophthalmology*, **2017**, 124, 1621-1634	7.3	127
152	The PERG as a Tool for Early Detection and Monitoring of Glaucoma. *Current Ophthalmology Reports*, **2017**, 5, 7-13	1.8	2
151	Integrative properties of retinal ganglion cell electrical responsiveness depend on neurotrophic support and genotype in the mouse. *Experimental Eye Research*, **2016**, 145, 68-74	3.7	7
150	Gene Therapy for Leber Hereditary Optic Neuropathy: Initial Results. *Ophthalmology*, **2016**, 123, 558-70	7.3	156
149	Electrophysiological assessment of retinal ganglion cell function. *Experimental Eye Research*, **2015**, 141, 164-70	3.7	107

148	Consequences of zygote injection and germline transfer of mutant human mitochondrial DNA in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E5689-98	11.5	23
147	Complex I subunit gene therapy with NDUFA6 ameliorates neurodegeneration in EAE. *Investigative Ophthalmology and Visual Science*, **2015**, 56, 1129-40		8
146	LHON gene therapy vector prevents visual loss and optic neuropathy induced by G11778A mutant mitochondrial DNA: biodistribution and toxicology profile. *Investigative Ophthalmology and Visual Science*, **2014**, 55, 7739-53		35
145	Gene therapy with mitochondrial heat shock protein 70 suppresses visual loss and optic atrophy in experimental autoimmune encephalomyelitis **2014**, 55, 5214-26		14
144	Retinal ganglion cell dysfunction in asymptomatic G11778A: Leber hereditary optic neuropathy **2014**, 55, 841-8		37
143	Relationship between transient and steady-state pattern electroretinograms: theoretical and experimental assessment. *Investigative Ophthalmology and Visual Science*, **2014**, 55, 8560-70		10
142	Transgenic mice expressing mutated Tyr437His human myocilin develop progressive loss of retinal ganglion cell electrical responsiveness and axonopathy with normal iop **2014**, 55, 5602-9		11
141	Adaptation of the steady-state PERG in early glaucoma. *Journal of Glaucoma*, **2014**, 23, 494-500	2.1	26
140	Robust mouse pattern electroretinograms derived simultaneously from each eye using a common snout electrode **2014**, 55, 2469-75		43
139	Safety and effects of the vector for the Leber hereditary optic neuropathy gene therapy clinical trial. *JAMA Ophthalmology*, **2014**, 132, 409-20	3.9	65
138	Trial end points and natural history in patients with G11778A Leber hereditary optic neuropathy : preparation for gene therapy clinical trial. *JAMA Ophthalmology*, **2014**, 132, 428-36	3.9	68
137	Protection of pattern electroretinogram and retinal ganglion cells by oncostatin M after optic nerve injury. *PLoS ONE*, **2014**, 9, e108524	3.7	15
136	Noninvasive assessments of optic nerve neurodegeneration in transgenic mice with isolated optic neuritis **2013**, 54, 4440-50		11
135	NADH-dehydrogenase type-2 suppresses irreversible visual loss and neurodegeneration in the EAE animal model of MS. *Molecular Therapy*, **2013**, 21, 1876-88	11.7	22
134	Progressive loss of retinal ganglion cell function precedes structural loss by several years in glaucoma suspects **2013**, 54, 2346-52		78
133	Retrograde signaling in the optic nerve is necessary for electrical responsiveness of retinal ganglion cells **2013**, 54, 1236-43		30
132	Deimination restores inner retinal visual function in murine demyelinating disease. *Journal of Clinical Investigation*, **2013**, 123, 646-56	15.9	12
131	Pattern electroretinogram progression in glaucoma suspects. *Journal of Glaucoma*, **2013**, 22, 219-25	2.1	22

130	Head-down posture induces PERG alterations in early glaucoma. *Journal of Glaucoma*, **2013**, 22, 255-64	2.1	31
129	A new mouse model of inducible, chronic retinal ganglion cell dysfunction not associated with cell death **2013**, 54, 1898-904		12
128	The bioelectric field of the pattern electroretinogram in the mouse **2012**, 53, 8086-92		12
127	Control issues. *British Journal of Ophthalmology*, **2012**, 96, 1348-9	5.5	
126	Retinal ganglion cell functional plasticity and optic neuropathy: a comprehensive model. *Journal of Neuro-Ophthalmology*, **2012**, 32, 354-8	2.6	50
125	Gene delivery to mitochondria by targeting modified adenoassociated virus suppresses Leber's hereditary optic neuropathy in a mouse model. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E1238-47	11.5	115
124	Progressive loss of retinal ganglion cell function is hindered with IOP-lowering treatment in early glaucoma **2012**, 53, 659-63		25
123	Radiation treatment inhibits monocyte entry into the optic nerve head and prevents neuronal damage in a mouse model of glaucoma. *Journal of Clinical Investigation*, **2012**, 122, 1246-61	15.9	153
122	Mutant NADH dehydrogenase subunit 4 gene delivery to mitochondria by targeting sequence-modified adeno-associated virus induces visual loss and optic atrophy in mice. *Molecular Vision*, **2012**, 18, 1668-83	2.3	25
121	Postnatal elongation of eye size in DBA/2J mice compared with C57BL/6J mice: in vivo analysis with whole-eye OCT **2011**, 52, 3604-12		41
120	Evaluation of a transgenic mouse model of multiple sclerosis with noninvasive methods **2011**, 52, 2405-11		19
119	Dysfunction of the magnocellular stream in Alzheimer's disease evaluated by pattern electroretinograms and visual evoked potentials. *Brain Research Bulletin*, **2010**, 82, 169-76	3.9	48
118	Head-up tilt lowers IOP and improves RGC dysfunction in glaucomatous DBA/2J mice. *Experimental Eye Research*, **2010**, 90, 452-60	3.7	31
117	Scale for photographic grading of vitreous haze in uveitis. *American Journal of Ophthalmology*, **2010** , 150, 637-641.e1	4.9	55
116	Small animal ocular biometry using optical coherence tomography **2010**,		1
115	Induction of rapid and highly efficient expression of the human ND4 complex I subunit in the mouse visual system by self-complementary adeno-associated virus. *JAMA Ophthalmology*, **2010**, 128, 876-83		37
114	Leber hereditary optic neuropathy gene therapy clinical trial recruitment: year 1. *JAMA Ophthalmology*, **2010**, 128, 1129-35		56
113	C57BL/6J, DBA/2J, and DBA/2J.Gpnmb mice have different visual signal processing in the inner retina. *Molecular Vision*, **2010**, 16, 2939-47	2.3	27

112	The PERG in diabetic glaucoma suspects with no evidence of retinopathy. *Journal of Glaucoma*, **2010**, 19, 243-7	2.1	12
111	Efficiency and safety of AAV-mediated gene delivery of the human ND4 complex I subunit in the mouse visual system **2009**, 50, 4205-14		73
110	Adaptive changes of inner retina function in response to sustained pattern stimulation. *Vision Research*, **2009**, 49, 505-13	2.1	15
109	Gamma-band oscillatory response to chromatic stimuli in volunteers and patients with idiopathic Parkinson's disease. *Vision Research*, **2009**, 49, 726-34	2.1	4
108	Reversible dysfunction of retinal ganglion cells in non-secreting pituitary tumors. *Documenta Ophthalmologica*, **2009**, 118, 155-62	2.2	21
107	Physiologic significance of steady-state pattern electroretinogram losses in glaucoma: clues from simulation of abnormalities in normal subjects. *Journal of Glaucoma*, **2009**, 18, 535-42	2.1	31
106	Reproducibility of pattern electroretinogram in glaucoma patients with a range of severity of disease with the new glaucoma paradigm. *Ophthalmology*, **2008**, 115, 957-63	7.3	41
105	Electrophysiological testing in glaucoma. *Expert Review of Ophthalmology*, **2007**, 2, 747-754	1.5	2
104	The pattern electroretinogram as a tool to monitor progressive retinal ganglion cell dysfunction in the DBA/2J mouse model of glaucoma. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 745-51		79
103	IOP-dependent retinal ganglion cell dysfunction in glaucomatous DBA/2J mice. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 4573-9		82
102	Longitudinal evaluation of retinal ganglion cell function and IOP in the DBA/2J mouse model of glaucoma. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 4564-72		96
101	The mouse pattern electroretinogram. *Documenta Ophthalmologica*, **2007**, 115, 145-53	2.2	69
100	Axons of retinal ganglion cells are insulted in the optic nerve early in DBA/2J glaucoma. *Journal of Cell Biology*, **2007**, 179, 1523-37	7.3	429
99	The relationship between retinal ganglion cell function and retinal nerve fiber thickness in early glaucoma. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 3904-11		100
98	Pattern electroretinograms (PERGS) in response to equiluminant red-green and blue-yellow gratings as diagnostic tool to investigate retinal ganglion cell subsystem involvement. *Biomedicine and Pharmacotherapy*, **2006**, 60, 476	7.5	1
97	Pattern electroretinogram in glaucoma. *Current Opinion in Ophthalmology*, **2006**, 17, 196-202	5.1	56
96	Visual-evoked potentials to onset of chromatic red-green and blue-yellow gratings in Parkinson's disease never treated with L-dopa. *Journal of Clinical Neurophysiology*, **2006**, 23, 431-5	2.2	23
95	Chromatic pattern-reversal electroretinograms (ChPERGs) are spared in multiple system atrophy compared with Parkinson's disease. *Neurological Sciences*, **2006**, 26, 395-401	3.5	32

94	Pattern electroretinogram abnormality and glaucoma. *Ophthalmology*, **2005**, 112, 10-9	7.3	107
93	Restoration of retinal ganglion cell function in early glaucoma after intraocular pressure reduction: a pilot study. *Ophthalmology*, **2005**, 112, 20-7	7.3	115
92	Habituation of retinal ganglion cell activity in response to steady state pattern visual stimuli in normal subjects. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 1296-302		46
91	Physiology of human photosensitivity. *Epilepsia*, **2004**, 45 Suppl 1, 7-13	6.4	57
90	Normative data for a user-friendly paradigm for pattern electroretinogram recording. *Ophthalmology*, **2004**, 111, 161-8	7.3	94
89	Changes in pattern electroretinograms to equiluminant red-green and blue-yellow gratings in patients with early Parkinson's disease. *Journal of Clinical Neurophysiology*, **2003**, 20, 375-81	2.2	61
88	Remodeling of second-order neurons in the retina of rd/rd mutant mice. *Vision Research*, **2003**, 43, 867-77	2.1	177
87	Morphological and functional abnormalities in the inner retina of the rd/rd mouse. *Journal of Neuroscience*, **2002**, 22, 5492-504	6.6	252
86	Electrophysiology of the postreceptoral visual pathway in mice. *Documenta Ophthalmologica*, **2002**, 104, 69-82	2.2	12
85	Heterozygous knock-out mice for brain-derived neurotrophic factor show a pathway-specific impairment of long-term potentiation but normal critical period for monocular deprivation. *Journal of Neuroscience*, **2002**, 22, 10072-7	6.6	73
84	Requirement of the nicotinic acetylcholine receptor beta 2 subunit for the anatomical and functional development of the visual system. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 6453-8	11.5	202
83	Equiluminant red-green and blue-yellow VEPs in multiple sclerosis. *Journal of Clinical Neurophysiology*, **2001**, 18, 583-91	2.2	24
82	Recent advances in clinical neurophysiology of vision. *Supplements To Clinical Neurophysiology*, **2000**, 53, 312-22		6
81	Lack of cortical contrast gain control in human photosensitive epilepsy. *Nature Neuroscience*, **2000**, 3, 259-63	25.5	114
80	Role of neurotrophins in the development and plasticity of the visual system: experiments on dark rearing. *International Journal of Psychophysiology*, **2000**, 35, 189-96	2.9	18
79	Glaucomatous damage to inner retina detected by the flicker ERG second harmonic: losses as a function of temporal frequency. *Acta Ophthalmologica*, **1999**, 77, 34-36		
78	The spatial tuning of steady state pattern electroretinogram in multiple sclerosis. *European Journal of Neurology*, **1999**, 6, 151-62	6	13
77	The effects of ageing on reaction times to motion onset. *Vision Research*, **1999**, 39, 2157-64	2.1	43

76	The visual physiology of the wild type mouse determined with pattern VEPs. *Vision Research*, **1999**, 39, 3071-81	2.1	166
75	BDNF regulates the maturation of inhibition and the critical period of plasticity in mouse visual cortex. *Cell*, **1999**, 98, 739-55	56.2	940
74	Normative data for onset VEPs to red-green and blue-yellow chromatic contrast. *Clinical Neurophysiology*, **1999**, 110, 772-81	4.3	72
73	Losses of hemifield contrast sensitivity in patients with pituitary adenoma and normal visual acuity and visual field. *Clinical Neurophysiology*, **1999**, 110, 876-86	4.3	8
72	Vision in mice with neuronal redundancy due to inhibition of developmental cell death. *Visual Neuroscience*, **1999**, 16, 721-6	1.7	16
71	Disruption of retinoid-related orphan receptor beta changes circadian behavior, causes retinal degeneration and leads to vacillans phenotype in mice. *EMBO Journal*, **1998**, 17, 3867-77	13	169
70	Protection of retinal ganglion cells and preservation of function after optic nerve lesion in bcl-2 transgenic mice. *Vision Research*, **1998**, 38, 1537-43	2.1	37
69	Cytidine-5∀diphosphocholine improves visual acuity, contrast sensitivity and visually-evoked potentials of amblyopic subjects. *Current Eye Research*, **1998**, 17, 141-8	2.9	37
68	The pattern electroretinogram (PERG) after laser treatment of the peripheral or central retina. *Current Eye Research*, **1997**, 16, 111-5	2.9	6
67	Temporal aspects of contrast visual evoked potentials in the pigmented rat: effect of dark rearing. *Vision Research*, **1997**, 37, 389-95	2.1	26
66	Responses to chromatic and luminance contrast in glaucoma: a psychophysical and electrophysiological study. *Vision Research*, **1997**, 37, 1975-87	2.1	46
65	Transplant of polymer-encapsulated cells genetically engineered to release nerve growth factor allows a normal functional development of the visual cortex in dark-reared rats. *Neuroscience*, **1997** , 80, 307-11	3.9	23
64	Transplant of Schwann cells allows normal development of the visual cortex of dark-reared rats. *European Journal of Neuroscience*, **1997**, 9, 102-12	3.5	13
63	Retinal ganglion cell anatomy and physiology after section of the optic nerve in mice overexpressing bcl-2. *Advances in Neurology*, **1997**, 72, 87-94		2
62	Retinal and cortical evoked responses to chromatic contrast stimuli. Specific losses in both eyes of patients with multiple sclerosis and unilateral optic neuritis. *Brain*, **1996**, 119 (Pt 3), 723-40	11.2	92
61	Cytidin-5∀diphosphocholine enhances the effect of part-time occlusion in amblyopia. *Documenta Ophthalmologica*, **1996**, 93, 247-63	2.2	26
60	Visual ageing: unspecific decline of the responses to luminance and colour. *Vision Research*, **1996**, 36, 3557-66	2.1	89
59	The temporal frequency response function of pattern ERG and VEP: changes in optic neuritis. *Electroencephalography and Clinical Neurophysiology - Evoked Potentials*, **1996**, 100, 428-435		10

58	Macular flicker electroretinograms in Best vitelliform dystrophy. *Current Eye Research*, **1996**, 15, 638-46	2.9	10
57	Cysteamine-induced depletion of somatostatinergic systems alters potentials evoked from the rat visual cortex. *Visual Neuroscience*, **1996**, 13, 327-34	1.7	3
56	The visual response of retinal ganglion cells is not altered by optic nerve transection in transgenic mice overexpressing Bcl-2. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 14955-9	11.5	68
55	The temporal frequency response function of pattern ERG and VEP: changes in optic neuritis. *Electroencephalography and Clinical Neurophysiology*, **1996**, 100, 428-35		5
54	The first and second harmonics of the macular flicker electroretinogram: differential effects of retinal diseases. *Documenta Ophthalmologica*, **1995**, 90, 157-67	2.2	7
53	Spatial-temporal interactions in the steady-state pattern electroretinogram. *Documenta Ophthalmologica*, **1995**, 90, 169-76	2.2	8
52	Guidelines for basic pattern electroretinography. Recommendations by the International Society for Clinical Electrophysiology of Vision. *Documenta Ophthalmologica*, **1995**, 91, 291-8	2.2	44
51	Effect of citicoline on visual acuity in amblyopia: preliminary results. *Graefes Archive for Clinical and Experimental Ophthalmology*, **1995**, 233, 307-12	3.8	52
50	Pattern-reversal electroretinogram in response to chromatic stimuli: II. Monkey. *Visual Neuroscience* , **1994**, 11, 873-84	1.7	25
49	Pattern-reversal electroretinogram in response to chromatic stimuli: I. Humans. *Visual Neuroscience* , **1994**, 11, 861-71	1.7	26
48	Early selective neuroretinal disorder in prepubertal type 1 (insulin-dependent) diabetic children without microvascular abnormalities. *Acta Diabetologica*, **1994**, 31, 98-102	3.9	20
47	Presence and further development of retinal dysfunction after 3-year follow up in IDDM patients without angiographically documented vasculopathy. *Diabetologia*, **1994**, 37, 911-6	10.3	46
46	Binocular interactions and steady-state VEPs. A study in normal and defective binocular vision (Part II). *Graefes Archive for Clinical and Experimental Ophthalmology*, **1994**, 232, 737-44	3.8	5
45	The pattern electroretinogram in response to colour contrast in man and monkey. *International Journal of Psychophysiology*, **1994**, 16, 185-9	2.9	3
44	Postreceptoral contribution to macular dysfunction in retinitis pigmentosa. *Investigative Ophthalmology and Visual Science*, **1994**, 35, 4282-90		23
43	Presence and further development of retinal dysfunction after 3-year follow up in IDDM patients without angiographically documented vasculopathy. *Diabetologia*, **1994**, 37, 911-916	10.3	
42	The second harmonic of the electroretinogram to sinusoidal flicker: spatiotemporal properties and clinical application. *Documenta Ophthalmologica*, **1993**, 84, 39-46	2.2	12
41	Wulst efferents in the little owl Athene noctua: an investigation of projections to the optic tectum. *Brain, Behavior and Evolution*, **1992**, 39, 101-15	1.5	16

40	Nonselective loss of contrast sensitivity in visual system testing in early type I diabetes. *Diabetes Care*, **1992**, 15, 620-5	14.6	91
39	Pattern electroretinograms and visual evoked potentials in idiopathic intracranial hypertension. *Ophthalmologica*, **1992**, 205, 194-203	3.7	14
38	The effects of aging on the pattern electroretinogram and visual evoked potential in humans. *Vision Research*, **1992**, 32, 1199-209	2.1	120
37	Macular dysfunction in multiple sclerosis revealed by steady-state flicker and pattern ERGs. *Electroencephalography and Clinical Neurophysiology*, **1992**, 82, 53-9		20
36	Macular electroretinograms to flicker and pattern stimulation in lamellar macular holes. *Documenta Ophthalmologica*, **1992**, 79, 99-108	2.2	7
35	Pattern electroretinogram as a function of spatial frequency after retrobulbar optic neuritis. *Documenta Ophthalmologica*, **1992**, 79, 325-36	2.2	4
34	Spatial-frequency-dependent changes in the human pattern electroretinogram after acute acetyl-L-carnitine administration. *Graefers Archive for Clinical and Experimental Ophthalmology*, **1991** , 229, 262-6	3.8	6
33	Detection of inner retina dysfunction by steady-state focal electroretinogram pattern and flicker in early IDDM. *Diabetes*, **1991**, 40, 1122-7	0.9	51
32	Life-Span Changes in the Visual Acuity and Retina in Birds **1991**, 137-148		2
31	Electroretinographic changes in aged pigeons. *Vision Research*, **1991**, 31, 661-8	2.1	29
30	Detection of inner retina dysfunction by steady-state focal electroretinogram pattern and flicker in early IDDM. *Diabetes*, **1991**, 40, 1122-1127	0.9	11
29	Spatio-Temporal Properties of the Pattern ERG and VEP: Effect of Ageing **1991**, 209-217		1
28	Spatial frequency-selective losses with pattern electroretinogram in type 1 (insulin-dependent) diabetic patients without retinopathy. *Diabetologia*, **1990**, 33, 726-30	10.3	45
27	The human focal electroretinogram as a function of stimulus area. *Documenta Ophthalmologica*, **1990**, 75, 41-8	2.2	5
26	Binocularity in the little owl, Athene noctua. II. Properties of visually evoked potentials from the Wulst in response to monocular and binocular stimulation with sine wave gratings. *Brain, Behavior and Evolution*, **1990**, 35, 40-8	1.5	9
25	Binocularity in the little owl, Athene noctua. I. Anatomical investigation of the thalamo-Wulst pathway. *Brain, Behavior and Evolution*, **1990**, 35, 31-9	1.5	23
24	Evidence for early impairment of macular function with pattern ERG in type I diabetic patients. *Diabetes Care*, **1990**, 13, 412-8	14.6	54
23	Evoked responses to sinusoidal gratings in the pigeon optic tectum. *Visual Neuroscience*, **1989**, 2, 137-45	1.7	6

22	p-Chloroamphetamine treatment modifies evoked responses to sinusoidal gratings in the pigeon optic tectum. *Visual Neuroscience*, **1989**, 2, 147-52	1.7	1
21	Development of personal computer software for a visual electrophysiology laboratory. *Computer Methods and Programs in Biomedicine*, **1989**, 28, 45-50	6.9	16
20	Simultaneous foveal and parafoveal electroretinograms in hereditary degeneration of the central retina. *Documenta Ophthalmologica*, **1989**, 71, 435-43	2.2	2
19	Steady-state pattern electroretinogram in insulin-dependent diabetics with no or minimal retinopathy. *Documenta Ophthalmologica*, **1989**, 73, 193-200	2.2	54
18	Serotonin depletion modifies the pigeon electroretinogram. *Documenta Ophthalmologica*, **1989**, 72, 93-100	2.2	9
17	The electroretinogram of the little owl (Athene noctua). *Vision Research*, **1989**, 29, 1693-8	2.1	27
16	Macular electroretinogram as a function of age of subjects. *Documenta Ophthalmologica*, **1988**, 70, 37-43	2.2	20
15	The pattern electroretinogram by skin electrodes: effect of spatial frequency and age. *Documenta Ophthalmologica*, **1988**, 70, 117-22	2.2	29
14	Simultaneously recorded macular and paramacular ERGs in diseases affecting the central retina. *Documenta Ophthalmologica*, **1988**, 68, 273-82	2.2	3
13	Binocular interaction and steady-state visual evoked potentials. I. A study in normal subjects and in subjects with defective binocular vision. *Graefes Archive for Clinical and Experimental Ophthalmology*, **1988**, 226, 401-6	3.8	9
12	Simultaneous macular and paramacular ERGs recorded by standard techniques. *Documenta Ophthalmologica*, **1987**, 65, 343-8	2.2	3
11	Pattern electroretinogram as a function of spatial frequency in ocular hypertension and early glaucoma. *Documenta Ophthalmologica*, **1987**, 65, 349-55	2.2	83
10	Pharmacological dissociation of the b-wave and pattern electroretinogram. *Documenta Ophthalmologica*, **1987**, 65, 377-83	2.2	15
9	Morphological and functional changes in the retinotectal system of the pigeon during the early posthatching period. *Journal of Comparative Neurology*, **1987**, 256, 400-11	3.4	27
8	Non-linearities in the focal ERG evoked by pattern and uniform-field stimulation. Their variation in retinal and optic nerve dysfunction. *Investigative Ophthalmology and Visual Science*, **1987**, 28, 1306-13		22
7	The pigeon pattern electroretinogram is not affected by massive loss of cell bodies in the ganglion layer induced by chronic section of the optic nerve. *Documenta Ophthalmologica*, **1985**, 61, 41-7	2.2	9
6	Interaction between photoreceptors and pigment epithelium in developing pigeon retina: an electrophysiological and ultrastructural study. *Documenta Ophthalmologica*, **1985**, 60, 413-9	2.2	9
5	Developing pigeon retina: light-evoked responses and ultrastructure of outer segments and synapses. *Journal of Comparative Neurology*, **1985**, 235, 384-94	3.4	26

4	Retinal and tectal responses to alternating gratings are unaffected by monocular deprivation in pigeons. *Brain Research*, **1985**, 338, 341-5	3.7	14
3	Pigeon pattern electroretinogram: a response unaffected by chronic section of the optic nerve. *Experimental Brain Research*, **1984**, 55, 253-62	2.3	27
2	Temporal and spatial properties of the pattern-reversal VEPs in infants below 2 months of age. *Human Neurobiology*, **1984**, 3, 97-102		19
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