

Benedetto Falsini

List of Publications by Year in Descending Order

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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.

176
papers

4,014
citations

32
h-index

56
g-index

186
ext. papers

4,482
ext. citations

4
avg, IF

4.92
L-index

#	Paper	IF	Citations
176	Subretinal Pigment Epithelium Illumination Combined With Focal Electroretinogram and Visual Acuity for Early Diagnosis and Prognosis of Non-Exudative Age-Related Macular Degeneration: New Insights for Personalized Medicine.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 35	3.3	0
175	RPE65-Associated Retinopathies in the Italian Population: A Longitudinal Natural History Study. 2022 , 63, 13		0
174	Genetic characteristics of 234 Italian patients with macular and cone/cone-rod dystrophy.. <i>Scientific Reports</i> , 2022 , 12, 3774	4.9	0
173	Multifocal Electroretinogram Photopic Negative Response: A Reliable Paradigm to Detect Localized Retinal Ganglion Cells Impairment in Retrobulbar Optic Neuritis Due to Multiple Sclerosis as a Model of Retinal Neurodegeneration. <i>Diagnostics</i> , 2022 , 12, 1156	3.8	0
172	Macular Morpho-Functional and Visual Pathways Functional Assessment in Patients with Spinocerebellar Type 1 Ataxia with or without Neurological Signs. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
171	Impaired Ca Sensitivity of a Novel GCAP1 Variant Causes Cone Dystrophy and Leads to Abnormal Synaptic Transmission Between Photoreceptors and Bipolar Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
170	Retinal Morpho-Functional Changes Following 0.19µg Fluocinolone Acetonide Intravitreal Implant for Chronic Diabetic Macular Edema. <i>Advances in Therapy</i> , 2021 , 38, 3143-3153	4.1	0
169	Assessment of Macular Function by Multifocal Electroretinogram in Patients with Multiple Sclerosis Treated with Fingolimod. <i>Advances in Therapy</i> , 2021 , 38, 3986-3996	4.1	1
168	Ocular Involvement in Hereditary Transthyretin Amyloidosis: A Case Series Describing Novel Potential Biomarkers. <i>Genes</i> , 2021 , 12,	4.2	3
167	-Related Retinitis Pigmentosa: Staging of Disease Severity and Morpho-Functional Studies. <i>Diagnostics</i> , 2021 , 11,	3.8	3
166	A time-dependent study of nano-mechanical and ultrastructural properties of internal limiting membrane under ocriplasmin treatment. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 110, 103853	4.1	4
165	Saffron Shifts the Degenerative and Inflammatory Phenotype in Photoreceptor Degeneration 2020 , 163-176		
164	Flavonoid supplements increase neurotrophin activity to modulate inflammation in retinal genetic diseases. <i>Acta Biomedica</i> , 2020 , 91, e2020014	3.2	2
163	Macular impairment in mitochondrial diseases: a potential biomarker of disease severity. <i>Scientific Reports</i> , 2020 , 10, 8554	4.9	0
162	Functional Assessment of Outer and Middle Macular Layers in Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
161	Macular Function in Early and Intermediate Age-related Macular Degeneration: Correlation with the Simplified Thea Risk Assessment Scale (STARS). <i>Translational Vision Science and Technology</i> , 2020 , 9, 28	3.3	1
160	The role of primary visual cortex after transorbital alternating current stimulation in low vision patients. <i>Clinical Neurophysiology</i> , 2020 , 131, 2327-2328	4.3	1

159	Combined Intravitreal Dexamethasone Implant and Cataract Surgery in Patients with Diabetic Retinopathy: Effect on Retinal Morphology and Function. <i>Advances in Therapy</i> , 2020 , 37, 4675-4684	4.1	2
158	Retinal Pigment Epithelial and Outer Retinal Atrophy in Age-Related Macular Degeneration: Correlation with Macular Function. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
157	Possible Retinal Impairment Secondary to Ritonavir Use in SARS-CoV-2 Patients: A Narrative Systematic Review. <i>Journal of Ophthalmology</i> , 2020 , 2020, 5350494	2	2
156	Doyme honeycomb retinal dystrophy - functional improvement following subthreshold nanopulse laser treatment: a case report. <i>Journal of Medical Case Reports</i> , 2019 , 13, 5	1.2	7
155	Mutation profile of BBS genes in patients with Bardet-Biedl syndrome: an Italian study. <i>Italian Journal of Pediatrics</i> , 2019 , 45, 72	3.2	16
154	Macular Impairment in Fabry Disease: A Morpho-functional Assessment by Swept-Source OCT Angiography and Focal Electroretinography 2019 , 60, 2667-2675		18
153	Necrotizing Fasciitis Following Herpes Zoster Ophthalmicus in an Immunocompromised Patient. <i>Case Reports in Ophthalmological Medicine</i> , 2019 , 2019, 4534153	0.7	1
152	Saffron: A Multitask Neuroprotective Agent for Retinal Degenerative Diseases. <i>Antioxidants</i> , 2019 , 8,	7.1	23
151	Visual Cortical Plasticity in Retinitis Pigmentosa 2019 , 60, 2753-2763		11
150	Antioxidant Saffron and Central Retinal Function in ABCA4-Related Stargardt Macular Dystrophy. <i>Nutrients</i> , 2019 , 11,	6.7	18
149	Taste, olfactory and texture related genes and food choices: implications on health status. <i>European Review for Medical and Pharmacological Sciences</i> , 2019 , 23, 1305-1321	2.9	10
148	Neurophysiological effect of transorbital electrical stimulation: Early results in advanced optic atrophy. <i>Brain Stimulation</i> , 2019 , 12, 800-802	5.1	3
147	Residual Visual Responses in Patients With Retinitis Pigmentosa Revealed by Functional Magnetic Resonance Imaging. <i>Translational Vision Science and Technology</i> , 2019 , 8, 44	3.3	6
146	Short-Term Assessment of Intravitreal Dexamethasone Implant Using Enhanced-Depth Image Optical Coherence Tomography and Optical Coherence Tomography Angiography in Patients with Retinal Vascular Diseases. <i>Advances in Therapy</i> , 2019 , 36, 416-425	4.1	1
145	Early impairment of the full-field photopic negative response in patients with Stargardt disease and pathogenic variants of the ABCA4 gene. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 519-530	2.4	10
144	Detecting papillary neovascularization in proliferative diabetic retinopathy using optical coherence tomography angiography. <i>Acta Ophthalmologica</i> , 2018 , 96, 321-323	3.7	25
143	Superficial and deep vascular structure of the retina in diabetic macular ischaemia: OCT angiography. <i>Acta Ophthalmologica</i> , 2018 , 96, e647-e648	3.7	11
142	Central Retina Functional Damage in Usher Syndrome Type 2: 22 Years of Focal Macular ERG Analysis in a Patient Population From Central and Southern Italy 2018 , 59, 3827-3835		4

141	Acquired Resilience: An Evolved System of Tissue Protection in Mammals. <i>Dose-Response</i> , 2018 , 16, 1559-1583	3.58	1803428
140	Swept source optical coherence tomography and optical coherence tomography angiography in pediatric enhanced S-cone syndrome: a case report. <i>Journal of Medical Case Reports</i> , 2018 , 12, 287	1.2	5
139	Pattern Electroretinogram Detects Localized Glaucoma Defects. <i>Translational Vision Science and Technology</i> , 2018 , 7, 6	3.3	8
138	A novel p.(Glu111Val) missense mutation in GUCA1A associated with cone-rod dystrophy leads to impaired calcium sensing and perturbed second messenger homeostasis in photoreceptors. <i>Human Molecular Genetics</i> , 2018 , 27, 4204-4217	5.6	18
137	Design and Validation of a New MLPA-Based Assay for the Detection of RS1 Gene Deletions and Application in a Large Family with X-Linked Juvenile Retinoschisis. <i>Genetic Testing and Molecular Biomarkers</i> , 2017 , 21, 116-121	1.6	2
136	Intranasal Nerve Growth Factor administration improves cerebral functions in a child with severe traumatic brain injury: A case report. <i>Brain Injury</i> , 2017 , 31, 1538-1547	2.1	31
135	Pharmacologically active fractions of <i>Sideritis</i> spp. and their use in inherited eye diseases. <i>The EuroBiotech Journal</i> , 2017 , 1, 6-10	1.5	4
134	Developmental visual deprivation: long term effects on human cone driven retinal function. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 2481-2486	3.8	4
133	Early light deprivation effects on human cone-driven retinal function. <i>Acta Ophthalmologica</i> , 2017 , 95, 133-139	3.7	4
132	Correlation of Macular Focal Electroretinogram with Ellipsoid Zone Extension in Stargardt Disease. <i>Journal of Ophthalmology</i> , 2017 , 2017, 3643495	2	6
131	Genetic testing in translational ophthalmology. <i>The EuroBiotech Journal</i> , 2017 , 1, 1-5	1.5	
130	Genetic testing for central areolar choroidal dystrophy. <i>The EuroBiotech Journal</i> , 2017 , 1, 23-25	1.5	2
129	Genetic testing for optic atrophy. <i>The EuroBiotech Journal</i> , 2017 , 1, 83-85	1.5	
128	Genetic testing for achromatopsia. <i>The EuroBiotech Journal</i> , 2017 , 1, 11-13	1.5	
127	Genetic testing for Leber congenital amaurosis. <i>The EuroBiotech Journal</i> , 2017 , 1, 63-65	1.5	
126	Genetic testing for ocular albinism and oculocutaneous albinism. <i>The EuroBiotech Journal</i> , 2017 , 1, 80-82	1.5	
125	Choroidal Thickness Changes After Intravitreal Ranibizumab for Exudative Age-Related Macular Degeneration. <i>BioDrugs</i> , 2016 , 30, 353-9	7.9	6
124	NGF eye-drops topical administration in patients with retinitis pigmentosa, a pilot study. <i>Journal of Translational Medicine</i> , 2016 , 14, 8	8.5	33

123	Nerve growth factor improves visual loss in childhood optic gliomas: a randomized, double-blind, phase II clinical trial. <i>Brain</i> , 2016 , 139, 404-14	11.2	32
122	Bilateral Symmetry of Visual Function Loss in Cone-Rod Dystrophies 2016 , 57, 3759-68		11
121	Switch from anakinra to canakinumab in a severe case of CINCA syndrome. <i>International Journal of Rheumatic Diseases</i> , 2016 , 19, 1354-1356	2.3	3
120	The value of multifocal electroretinography to predict progressive visual acuity loss in early AMD. <i>Documenta Ophthalmologica</i> , 2015 , 131, 125-35	2.2	2
119	Neurotrophin family members as neuroprotectants in retinal degenerations. <i>BioDrugs</i> , 2015 , 29, 1-13	7.9	8
118	Delayed visual evoked potentials in children with Plasmodium falciparum malaria and reduced consciousness. <i>Journal of Pediatric Neurology</i> , 2015 , 06, 017-024	0.2	
117	O026. An abnormal transduction of the chromatic stimuli from the outer to the inner retinal layers may contribute to cause photophobia in migraine. <i>Journal of Headache and Pain</i> , 2015 , 16, A54	8.8	0
116	Functional Loss of the Inner Retina in Childhood Optic Gliomas Detected by Photopic Negative Response 2015 , 56, 2469-74		19
115	Conjunctivally Applied BDNF Protects Photoreceptors from Light-Induced Damage. <i>Translational Vision Science and Technology</i> , 2015 , 4, 1	3.3	11
114	Hyperemic responses of the optic nerve head blood flow to chromatic equiluminant flicker are reduced by ocular hypertension and early glaucoma. <i>Optical Engineering</i> , 2014 , 53, 061706	1.1	2
113	Cone responses in Usher syndrome types 1 and 2 by microvolt electroretinography. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 56, 107-14		12
112	Differential vulnerability of retinal layers to early age-related macular degeneration: evidence by SD-OCT segmentation analysis 2014 , 55, 560-6		45
111	Short-term effects of vision trainer rehabilitation in patients affected by anisometropic amblyopia: electrofunctional evaluation. <i>Documenta Ophthalmologica</i> , 2014 , 129, 177-89	2.2	9
110	Successful long-term management of choroidal neovascularization secondary to angioid streaks in a patient with pseudoxanthoma elasticum: a case report. <i>Journal of Medical Case Reports</i> , 2014 , 8, 458	1.2	7
109	Effects of coenzyme Q10 in conjunction with vitamin E on retinal-evoked and cortical-evoked responses in patients with open-angle glaucoma. <i>Journal of Glaucoma</i> , 2014 , 23, 391-404	2.1	50
108	Sequential spectral domain optical coherence tomography imaging of an eye after successful removal of subfoveal perfluorocarbon liquid collection. <i>Retinal Cases and Brief Reports</i> , 2014 , 8, 215-8	1.1	3
107	Saffron and retina: neuroprotection and pharmacokinetics. <i>Visual Neuroscience</i> , 2014 , 31, 355-61	1.7	38
106	Rescue of retinal function by BDNF in a mouse model of glaucoma. <i>PLoS ONE</i> , 2014 , 9, e115579	3.7	78

105	Effect of nerve growth factor administered as eye-drop on visual function in children with optic glioma-associated visual impairment: A controlled, cross-over clinical trial.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 10054-10054	2.2	
104	Functional effect of Saffron supplementation and risk genotypes in early age-related macular degeneration: a preliminary report. <i>Journal of Translational Medicine</i> , 2013 , 11, 228	8.5	38
103	Assessment of retinal function before and after idiopathic macular hole surgery. <i>American Journal of Ophthalmology</i> , 2013 , 156, 132-139.e1	4.9	18
102	Reduced habituation of the retinal ganglion cell response to sustained pattern stimulation in multiple sclerosis patients. <i>Clinical Neurophysiology</i> , 2013 , 124, 1652-8	4.3	9
101	Neuroprotection 2013 , 716-733		
100	Early detection of central visual function decline in cone-rod dystrophy by the use of macular focal cone electroretinogram 2013 , 54, 6560-9		14
99	Pattern electroretinogram assessment during ibopamine test in ocular hypertension. <i>European Journal of Ophthalmology</i> , 2013 , 23, 819-22	1.9	1
98	Subfoveal choroidal blood flow and central retinal function in early glaucoma. <i>Acta Ophthalmologica</i> , 2012 , 90, e288-94	3.7	20
97	Embryonic stem-cell-derived retinal pigment epithelial cells for macular degeneration. <i>Lancet, The</i> , 2012 , 379, 2050; author reply 2050-1	4.0	2
96	Retinal function and CFH-ARMS2 polymorphisms analysis: a pilot study in Italian AMD patients. <i>Neurobiology of Aging</i> , 2012 , 33, 1852.e5-12	5.6	4
95	Macular function in eyes with open-angle glaucoma evaluated by multifocal electroretinogram 2012 , 53, 6973-80		16
94	A longitudinal follow-up study of saffron supplementation in early age-related macular degeneration: sustained benefits to central retinal function. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 429124	2.3	54
93	Long-term decline of central cone function in retinitis pigmentosa evaluated by focal electroretinogram 2012 , 53, 7701-9		10
92	Rapid detection of CFH (p.Y402H) and ARMS2 (p.A69S) polymorphisms in age-related macular degeneration using high-resolution melting analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1031-4	5.9	4
91	Spectral-domain optical coherence tomography in Irvine-Gass syndrome. <i>Retina</i> , 2012 , 32, 581-7	3.6	13
90	Subfoveal choroidal blood flow and central retinal function in retinitis pigmentosa 2011 , 52, 1064-9		82
89	Nerve growth factor eye drop administration improves visual function in a patient with optic glioma. <i>Neurorehabilitation and Neural Repair</i> , 2011 , 25, 386-90	4.7	13
88	Topical nerve growth factor as a visual rescue strategy in pediatric optic gliomas: a pilot study including electrophysiology. <i>Neurorehabilitation and Neural Repair</i> , 2011 , 25, 512-20	4.7	30

87	Neuroprotective role of nerve growth factor in hypoxicischemic injury. From brain to skin. <i>Archives Italiennes De Biologie</i> , 2011 , 149, 275-82	1.1	6
86	The effects of hypoxia on the ERG in paediatric cerebral malaria. <i>Eye</i> , 2010 , 24, 259-64	4.4	6
85	Influence of saffron supplementation on retinal flicker sensitivity in early age-related macular degeneration 2010 , 51, 6118-24		103
84	Occipital porencephaly in a child with gyrate atrophy of the choroid and retina. <i>Journal of AAPOS</i> , 2010 , 14, 462-4	1.3	2
83	Impact of regional retinal responses on cortical visually evoked responses: multifocal ERGs and VEPs in the retinitis pigmentosa model. <i>Clinical Neurophysiology</i> , 2010 , 121, 380-5	4.3	24
82	Macular functional changes evaluated with MP-1 microperimetry after intravitreal bevacizumab for subfoveal myopic choroidal neovascularization: one-year results. <i>Retina</i> , 2010 , 30, 739-47	3.6	21
81	Post-inflammatory retinal dystrophy in CINCA syndrome. <i>Rheumatology International</i> , 2010 , 30, 389-93	3.6	12
80	Regional cone-mediated dysfunction in age-related maculopathy evaluated by focal electroretinograms: relationship with retinal morphology and perimetric sensitivity. <i>Ophthalmic Research</i> , 2009 , 41, 194-202	2.9	10
79	Effect of epigallocatechin-gallate on inner retinal function in ocular hypertension and glaucoma: a short-term study by pattern electroretinogram. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 1223-33	3.8	31
78	Lack of habituation in the light adapted flicker electroretinogram of normal subjects: a comparison with pattern electroretinogram. <i>Clinical Neurophysiology</i> , 2009 , 120, 1828-34	4.3	6
77	Cytidine-5'-diphosphocholine (Citicoline): a pilot study in patients with non-arteritic ischaemic optic neuropathy. <i>European Journal of Neurology</i> , 2008 , 15, 465-74	6	32
76	Functional laser Doppler flowmetry of the optic nerve: physiological aspects and clinical applications. <i>Progress in Brain Research</i> , 2008 , 173, 149-63	2.9	15
75	Morpho-functional follow-up of the optic nerve in treated ocular hypertension: disc morphometry and steady-state pattern electroretinogram. <i>Current Eye Research</i> , 2008 , 33, 709-21	2.9	8
74	Longitudinal assessment of childhood optic gliomas: relationship between flicker visual evoked potentials and magnetic resonance imaging findings. <i>Journal of Neuro-Oncology</i> , 2008 , 88, 87-96	4.8	31
73	Structure-function relationship in ocular hypertension and glaucoma: interindividual and interocular analysis by OCT and pattern ERG. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2008 , 246, 1153-62	3.8	49
72	Intravitreal bevacizumab (Avastin) in proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2008 , 86, 683-7	3.7	51
71	Evidence of white matter involvement in SCA 7. <i>Journal of Neurology</i> , 2007 , 254, 536-8	5.5	8
70	Temporal response properties of the macular cone system: effect of normal aging and age-related maculopathy. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4811-7		6

69	Ptosis after intravitreal injection of triamcinolone acetonide: a retrospective case series. <i>Ophthalmologica</i> , 2007 , 221, 363	3.7	3
68	Retinal function following transpupillary thermotherapy for occult choroidal neovascularization in age-related macular degeneration: a short-term study by focal electroretinography. <i>Acta Ophthalmologica</i> , 2006 , 84, 27-35		4
67	Posterior pole retinal thickness in ocular hypertension and glaucoma: early changes detected by hemispheric asymmetries. <i>Journal of Glaucoma</i> , 2005 , 14, 375-83	2.1	13
66	Visually evoked hemodynamical response and assessment of neurovascular coupling in the optic nerve and retina. <i>Progress in Retinal and Eye Research</i> , 2005 , 24, 183-215	20.5	193
65	Regional assessment of cone system function following uncomplicated retinal detachment surgery. <i>Documenta Ophthalmologica</i> , 2005 , 110, 103-10	2.2	5
64	Modified osteo-odonto-keratoprosthesis for treatment of corneal blindness: long-term anatomical and functional outcomes in 181 cases. <i>JAMA Ophthalmology</i> , 2005 , 123, 1319-29		167
63	Molecular genetics of autosomal dominant retinitis pigmentosa (ADRP): a comprehensive study of 43 Italian families. <i>Journal of Medical Genetics</i> , 2005 , 42, e47	5.8	56
62	Flicker-evoked response measured at the optic disc rim is reduced in ocular hypertension and early glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 3662-8		59
61	A fast visual evoked potential method for functional assessment and follow-up of childhood optic gliomas. <i>Clinical Neurophysiology</i> , 2004 , 115, 217-26	4.3	27
60	Temporal dynamics and magnitude of the blood flow response at the optic disk in normal subjects during functional retinal flicker-stimulation. <i>Neuroscience Letters</i> , 2004 , 356, 75-8	3.3	29
59	Regional cone dysfunction in retinitis pigmentosa evaluated by flicker ERGs: relationship with perimetric sensitivity losses. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 866-74		22
58	Monitoring retinal function during transpupillary thermotherapy for occult choroidal neovascularization in age-related macular degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 2133-40		11
57	Remodeling of second-order neurons in the retina of rd/rd mutant mice. <i>Vision Research</i> , 2003 , 43, 867-72.1		177
56	Influence of short-term antioxidant supplementation on macular function in age-related maculopathy: a pilot study including electrophysiologic assessment. <i>Ophthalmology</i> , 2003 , 110, 51-60; discussion 61	7.3	74
55	The effect of quinine on the electroretinograms of children with pediatric cerebral malaria. <i>Journal of Infectious Diseases</i> , 2003 , 187, 1342-5	7	13
54	Morphological and functional abnormalities in the inner retina of the rd/rd mouse. <i>Journal of Neuroscience</i> , 2002 , 22, 5492-504	6.6	252
53	Relationship of blood flow changes of the human optic nerve with neural retinal activity: a new approach to the study of neuro-ophthalmic disorders. <i>Klinische Monatsblätter Für Augenheilkunde</i> , 2002 , 219, 296-8	0.8	2
52	Functionally rodless mice: transgenic models for the investigation of cone function in retinal disease and therapy. <i>Vision Research</i> , 2002 , 42, 401-15	2.1	49

51	Flicker-evoked changes in human optic nerve blood flow: relationship with retinal neural activity. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 2309-16		69
50	Altered recovery of macular function after bleaching in Stargardt's disease-fundus flavimaculatus: pattern VEP evidence. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 2741-8		3
49	Diagnosis and classification of macular degenerations: an approach based on retinal function testing. <i>Documenta Ophthalmologica</i> , 2001 , 102, 237-50	2.2	13
48	Flicker-evoked responses of human optic nerve head blood flow: luminance versus chromatic modulation. <i>Investigative Ophthalmology and Visual Science</i> , 2001 , 42, 756-62		50
47	Correlation of optic nerve head tomography with visual field sensitivity in papilledema. <i>Investigative Ophthalmology and Visual Science</i> , 2001 , 42, 1487-94		15
46	Retinal sensitivity to flicker modulation: reduced by early age-related maculopathy. <i>Investigative Ophthalmology and Visual Science</i> , 2000 , 41, 1498-506		34
45	Photopic negative response of the human ERG: losses associated with glaucomatous damage. <i>Investigative Ophthalmology and Visual Science</i> , 2000 , 41, 2205-11		100
44	The spatial tuning of steady state pattern electroretinogram in multiple sclerosis. <i>European Journal of Neurology</i> , 1999 , 6, 151-62	6	13
43	Focal electroretinograms and fundus appearance in nonexudative age-related macular degeneration. Quantitative relationship between retinal morphology and function. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1999 , 237, 193-200	3.8	25
42	Retinal ganglion cell dysfunction in humans following post-geniculate lesions: specific spatio-temporal losses revealed by pattern ERG. <i>Vision Research</i> , 1999 , 39, 1739-45	2.1	19
41	The fundamental and second harmonic of the photopic flicker electroretinogram: temporal frequency-dependent abnormalities in retinitis pigmentosa. <i>Clinical Neurophysiology</i> , 1999 , 110, 1554-62	4.3	23
40	UV- and midwave-sensitive cone-driven retinal responses of the mouse: a possible phenotype for coexpression of cone photopigments. <i>Journal of Neuroscience</i> , 1999 , 19, 442-55	6.6	233
39	Bardet-Biedl Syndrome 1999 , 189-199		1
38	Correlation of pattern electroretinogram with optic disc cup shape in ocular hypertension. <i>Investigative Ophthalmology and Visual Science</i> , 1999 , 40, 1989-97		18
37	Electrophysiological evaluation of the macular cone system: focal electroretinography and visual evoked potentials after photostress. <i>Seminars in Ophthalmology</i> , 1998 , 13, 178-88	2.4	14
36	The pattern electroretinogram (PERG) after laser treatment of the peripheral or central retina. <i>Current Eye Research</i> , 1997 , 16, 111-5	2.9	6
35	Precision LED-based stimulator for focal electroretinography. <i>Medical and Biological Engineering and Computing</i> , 1997 , 35, 441-4	3.1	9
34	The temporal frequency response function of pattern ERG and VEP: changes in optic neuritis. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1996 , 100, 428-435		10

33	Optic nerve diameters and perimetric thresholds in idiopathic intracranial hypertension. <i>British Journal of Ophthalmology</i> , 1996 , 80, 509-14	5.5	21
32	Macular flicker electroretinograms in Best vitelliform dystrophy. <i>Current Eye Research</i> , 1996 , 15, 638-46	2.9	10
31	Transiently raised intraocular pressure reveals pattern electroretinogram losses in ocular hypertension. <i>Investigative Ophthalmology and Visual Science</i> , 1996 , 37, 2663-70		24
30	The first and second harmonics of the macular flicker electroretinogram: differential effects of retinal diseases. <i>Documenta Ophthalmologica</i> , 1995 , 90, 157-67	2.2	7
29	Spatial-temporal interactions in the steady-state pattern electroretinogram. <i>Documenta Ophthalmologica</i> , 1995 , 90, 169-76	2.2	8
28	Detection of glaucomatous damage in patients with osteo-odontokeratoprosthesis. <i>British Journal of Ophthalmology</i> , 1995 , 79, 129-34	5.5	20
27	Pattern electroretinogram in treated ocular hypertension: a cross-sectional study after timolol maleate therapy. <i>Ophthalmic Research</i> , 1995 , 27, 168-77	2.9	26
26	Early selective neuroretinal disorder in prepubertal type 1 (insulin-dependent) diabetic children without microvascular abnormalities. <i>Acta Diabetologica</i> , 1994 , 31, 98-102	3.9	20
25	Presence and further development of retinal dysfunction after 3-year follow up in IDDM patients without angiographically documented vasculopathy. <i>Diabetologia</i> , 1994 , 37, 911-6	10.3	46
24	Binocular interactions and steady-state VEPs. A study in normal and defective binocular vision (Part II). <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1994 , 232, 737-44	3.8	5
23	Postreceptoral contribution to macular dysfunction in retinitis pigmentosa. <i>Investigative Ophthalmology and Visual Science</i> , 1994 , 35, 4282-90		23
22	The second harmonic of the electroretinogram to sinusoidal flicker: spatiotemporal properties and clinical application. <i>Documenta Ophthalmologica</i> , 1993 , 84, 39-46	2.2	12
21	Nonselective loss of contrast sensitivity in visual system testing in early type I diabetes. <i>Diabetes Care</i> , 1992 , 15, 620-5	14.6	91
20	Pattern electroretinograms and visual evoked potentials in idiopathic intracranial hypertension. <i>Ophthalmologica</i> , 1992 , 205, 194-203	3.7	14
19	Macular dysfunction in multiple sclerosis revealed by steady-state flicker and pattern ERGs. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 53-9		20
18	Macular electroretinograms to flicker and pattern stimulation in lamellar macular holes. <i>Documenta Ophthalmologica</i> , 1992 , 79, 99-108	2.2	7
17	Pattern electroretinogram as a function of spatial frequency after retrobulbar optic neuritis. <i>Documenta Ophthalmologica</i> , 1992 , 79, 325-36	2.2	4
16	Spatial-frequency-dependent changes in the human pattern electroretinogram after acute acetyl-L-carnitine administration. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1991 , 229, 262-6	3.8	6

15	Detection of inner retina dysfunction by steady-state focal electroretinogram pattern and flicker in early IDDM. <i>Diabetes</i> , 1991 , 40, 1122-7	0.9	51
14	Detection of inner retina dysfunction by steady-state focal electroretinogram pattern and flicker in early IDDM. <i>Diabetes</i> , 1991 , 40, 1122-1127	0.9	11
13	Spatial frequency-selective losses with pattern electroretinogram in type 1 (insulin-dependent) diabetic patients without retinopathy. <i>Diabetologia</i> , 1990 , 33, 726-30	10.3	45
12	The human focal electroretinogram as a function of stimulus area. <i>Documenta Ophthalmologica</i> , 1990 , 75, 41-8	2.2	5
11	Evidence for early impairment of macular function with pattern ERG in type I diabetic patients. <i>Diabetes Care</i> , 1990 , 13, 412-8	14.6	54
10	Development of personal computer software for a visual electrophysiology laboratory. <i>Computer Methods and Programs in Biomedicine</i> , 1989 , 28, 45-50	6.9	16
9	Simultaneous foveal and parafoveal electroretinograms in hereditary degeneration of the central retina. <i>Documenta Ophthalmologica</i> , 1989 , 71, 435-43	2.2	2
8	Steady-state pattern electroretinogram in insulin-dependent diabetics with no or minimal retinopathy. <i>Documenta Ophthalmologica</i> , 1989 , 73, 193-200	2.2	54
7	Macular electroretinogram as a function of age of subjects. <i>Documenta Ophthalmologica</i> , 1988 , 70, 37-43.	2.2	20
6	The pattern electroretinogram by skin electrodes: effect of spatial frequency and age. <i>Documenta Ophthalmologica</i> , 1988 , 70, 117-22	2.2	29
5	Simultaneously recorded macular and paramacular ERGs in diseases affecting the central retina. <i>Documenta Ophthalmologica</i> , 1988 , 68, 273-82	2.2	3
4	Binocular interaction and steady-state visual evoked potentials. I. A study in normal subjects and in subjects with defective binocular vision. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1988 , 226, 401-6	3.8	9
3	Simultaneous macular and paramacular ERGs recorded by standard techniques. <i>Documenta Ophthalmologica</i> , 1987 , 65, 343-8	2.2	3
2	Pattern electroretinogram as a function of spatial frequency in ocular hypertension and early glaucoma. <i>Documenta Ophthalmologica</i> , 1987 , 65, 349-55	2.2	83
1	Fluorescein angiography in retinoblastoma. <i>American Journal of Ophthalmology</i> , 1982 , 94, 824-5	4.9	2