

# Jan Kremers

## 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.

163  
papers

2,800  
citations

28  
h-index

45  
g-index

174  
ext. papers

3,115  
ext. citations

2.6  
avg, IF

4.95  
L-index

#	Paper	IF	Citations
163	The Association Between Acquired Color Deficiency and PET Imaging of Neurodegeneration in Mild Cognitive Impairment and Alzheimer Disease. <b>2022</b> , 63, 20		
162	Perifoveal Cone- and Rod-Mediated Temporal Contrast Sensitivities in Stargardt Disease/Fundus Flavimaculatus <b>2021</b> , 62, 24		1
161	Blue-Yellow VEP with Projector-Stimulation in Glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2021</b> , 1	3.8	0
160	Correlations Between Dark-Adapted Rod Threshold Elevations and ERG Response Deficits in Duchenne Muscular Dystrophy <b>2021</b> , 62, 29		0
159	Genetic disruption of bassoon in two mutant mouse lines causes divergent retinal phenotypes. <i>FASEB Journal</i> , <b>2021</b> , 35, e21520	0.9	1
158	The influence of temporal frequency and stimulus size on the relative contribution of luminance and L-/M-cone opponent mechanisms in heterochromatic flicker ERGs. <i>Documenta Ophthalmologica</i> , <b>2021</b> , 143, 207-220	2.2	0
157	Comparison of macaque and human L- and M-cone driven electroretinograms. <i>Experimental Eye Research</i> , <b>2021</b> , 206, 108556	3.7	0
156	Altered visual processing in the mdx52 mouse model of Duchenne muscular dystrophy. <i>Neurobiology of Disease</i> , <b>2021</b> , 152, 105288	7.5	2
155	Summation of Temporal L-Cone- and M-Cone-Contrast in the Magno- and Parvocellular Retino-Geniculate Systems in Glaucoma <b>2021</b> , 62, 17		1
154	Responses of Postreceptoral Pathways Elicited by L- and M-Cone Isolating ON- and OFF-Electroretinograms in Glaucoma Patients <b>2021</b> , 62, 14		
153	Relationship between stimulus size and different components of the electroretinogram (ERG) elicited by flashed stimuli. <i>Documenta Ophthalmologica</i> , <b>2021</b> , 142, 213-231	2.2	1
152	The spatial distribution of ERGs reflecting luminance and L-/M-cone-opponent signals. <i>Documenta Ophthalmologica</i> , <b>2021</b> , 142, 329-342	2.2	1
151	Pseudorandom full-field electroretinograms reflect different light adaptation mechanisms. <i>Documenta Ophthalmologica</i> , <b>2021</b> , 143, 53-60	2.2	
150	Developments in non-invasive visual electrophysiology. <i>Vision Research</i> , <b>2020</b> , 174, 50-56	2.1	5
149	Photoreceptor-Specific Loss of Perifoveal Temporal Contrast Sensitivity in Retinitis Pigmentosa. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 27	3.3	4
148	Mutation in Bmpr1b Leads to Optic Disc Coloboma and Ventral Retinal Gliosis in Mice <b>2020</b> , 61, 44		5
147	Rescue of Defective Electroretinographic Responses in Dp71-Null Mice With AAV-Mediated Reexpression of Dp71 <b>2020</b> , 61, 11		6

146	Heterogeneous Presynaptic Distribution of Munc13 Isoforms at Retinal Synapses and Identification of an Unconventional Bipolar Cell Type with Dual Expression of Munc13 Isoforms: A Study Using Munc13-EXFP Knock-in Mice. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
145	The photopic negative response of the Light-adapted 3.0 ERG in clinical settings. <i>Documenta Ophthalmologica</i> , <b>2020</b> , 140, 115-128	2.2	7
144	The melanopsin-directed white noise electroretinogram (wnERG). <i>Vision Research</i> , <b>2019</b> , 164, 83-93	2.1	4
143	A Multiple Piccolino-RIBEYE Interaction Supports Plate-Shaped Synaptic Ribbons in Retinal Neurons. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 2606-2619	6.6	14
142	In vivo electroretinographic differentiation of rod, short-wavelength and long/medium-wavelength cone responses in dogs using silent substitution stimuli. <i>Experimental Eye Research</i> , <b>2019</b> , 185, 107673	3.7	3
141	Mouse Cones Adapt Fast, Rods Slowly In Vivo <b>2019</b> , 60, 2152-2164		0
140	Electrodiagnosis of dichromacy. <i>Vision Research</i> , <b>2019</b> , 158, 135-145	2.1	1
139	Steady-State Visually Evoked Potentials Elicited by Multifrequency Pattern-Reversal Stimulation. <i>Translational Vision Science and Technology</i> , <b>2019</b> , 8, 24	3.3	2
138	High-frequency characteristics of L- and M-cone driven electroretinograms. <i>Vision Research</i> , <b>2019</b> , 159, 35-41	2.1	0
137	Pathway-specific light adaptation in human electroretinograms. <i>Journal of Vision</i> , <b>2019</b> , 19, 12	0.4	1
136	Lack of a Retinal Phenotype in a Syne-2/Nesprin-2 Knockout Mouse Model. <i>Cells</i> , <b>2019</b> , 8,	7.9	3
135	Measuring Retinal Function in the Mouse. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1753, 27-40	1.4	5
134	Paradoxical pupil responses to isolated M-cone increments. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2018</b> , 35, B66-B71	1.8	17
133	Electroretinographical determination of human color vision type. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2018</b> , 35, B92-B99	1.8	4
132	Photoreceptor-specific light adaptation of critical flicker frequency in trichromat and dichromat observers. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2018</b> , 35, B106-B113	1.8	7
131	Human S-cone electroretinograms obtained by silent substitution stimulation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2018</b> , 35, B11-B18	1.8	4
130	ISCEV extended protocol for the photopic negative response (PhNR) of the full-field electroretinogram. <i>Documenta Ophthalmologica</i> , <b>2018</b> , 136, 207-211	2.2	64
129	Rod- versus cone-driven ERGs at different stimulus sizes in normal subjects and retinitis pigmentosa patients. <i>Documenta Ophthalmologica</i> , <b>2018</b> , 136, 27-43	2.2	8

128	Novel truncating mutation in CACNA1F in a young male patient diagnosed with optic atrophy. <i>Ophthalmic Genetics</i> , <b>2018</b> , 39, 741-748	1.2	4
127	ISCEV extended protocol for the photopic On-Off ERG. <i>Documenta Ophthalmologica</i> , <b>2018</b> , 136, 199-206	2.2	28
126	Diet enriched with the Amazon fruit açaí ( <i>Euterpe oleracea</i> ) prevents electrophysiological deficits and oxidative stress induced by methyl-mercury in the rat retina. <i>Nutritional Neuroscience</i> , <b>2017</b> , 20, 265-272	3.6	10
125	The morphology of human rod ERGs obtained by silent substitution stimulation. <i>Documenta Ophthalmologica</i> , <b>2017</b> , 134, 11-24	2.2	7
124	A Temporal White Noise Analysis for Extracting the Impulse Response Function of the Human Electroretinogram. <i>Translational Vision Science and Technology</i> , <b>2017</b> , 6, 1	3.3	7
123	The BEACH Protein LRBA Promotes the Localization of the Heterotrimeric G-protein G to Olfactory Cilia. <i>Scientific Reports</i> , <b>2017</b> , 7, 8409	4.9	5
122	Analysis of RIM Expression and Function at Mouse Photoreceptor Ribbon Synapses. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 7848-7863	6.6	21
121	Mesopic and Photopic Rod and Cone Photoreceptor-Driven Visual Processes in Mice With Long-Wavelength-Shifted Cone Pigments <b>2017</b> , 58, 5177-5187		5
120	Perifoveal S-cone and rod-driven temporal contrast sensitivities at different retinal illuminances. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2017</b> , 34, 171-183	1.8	17
119	L-/M-cone opponency in visual evoked potentials of human cortex. <i>Journal of Vision</i> , <b>2017</b> , 17, 20	0.4	3
118	Electrophysiological Studies on The Dynamics of Luminance Adaptation in the Mouse Retina. <i>Vision (Switzerland)</i> , <b>2017</b> , 1,	2.3	2
117	Feasibility of intravitreal injections and ophthalmic safety assessment in marmoset ( <i>Callithrix jacchus</i> ) monkeys. <i>Primate Biology</i> , <b>2017</b> , 4, 93-100	0.9	3
116	Correlated and uncorrelated invisible temporal white noise alters mesopic rod signaling. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2016</b> , 33, A93-103	1.8	12
115	Spatial properties of L- and M-cone driven incremental (On-) and decremental (Off-) electroretinograms: evidence for the involvement of multiple post-receptoral mechanisms. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2016</b> , 33, A1-11	1.8	12
114	A dim view of M-cone onsets. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2016</b> , 33, A207-13	1.8	7
113	Steady-state multifocal visual evoked potential (ssmfVEP) using dartboard stimulation as a possible tool for objective visual field assessment. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2016</b> , 254, 259-68	3.8	3
112	Comparison of frequency doubling and flicker defined form perimetry in early glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2016</b> , 254, 937-46	3.8	8
111	Perifoveal L- and M-cone-driven temporal contrast sensitivities at different retinal illuminances. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2016</b> , 33, 1989-1998	1.8	9

110	25 Hz adaptation: Influence on recovery time in glaucoma <b>2016</b> , 1, 1-9		2
109	Correlated and Uncorrelated Invisible Temporal White Noise Alters Mesopic Rod Signaling. <i>Journal of Vision</i> , <b>2016</b> , 16, 45	0.4	
108	The influence of stimulus size on heterochromatic modulation electroretinograms. <i>Journal of Vision</i> , <b>2016</b> , 16, 13	0.4	11
107	Dystrophin Is Required for Proper Functioning of Luminance and Red-Green Cone Opponent Mechanisms in the Human Retina <b>2016</b> , 57, 3581-7		8
106	Asymmetrical Functional Deficits of ON and OFF Retinal Processing in the mdx3Cv Mouse Model of Duchenne Muscular Dystrophy <b>2016</b> , 57, 5788-5798		7
105	Rod Electroretinograms Elicited by Silent Substitution Stimuli from the Light-Adapted Human Eye. <i>Translational Vision Science and Technology</i> , <b>2016</b> , 5, 13	3.3	14
104	The Retinal Processing of Photoreceptor Signals <b>2016</b> , 33-70		3
103	Color Vision in Clinical Practice <b>2016</b> , 269-315		1
102	Towards an electroretinographic assay for studying colour vision in human observers. <i>Documenta Ophthalmologica</i> , <b>2016</b> , 133, 109-120	2.2	4
101	Flicker-defined form perimetry in glaucoma patients. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2015</b> , 253, 447-55	3.8	5
100	A method for estimating intrinsic noise in electroretinographic (ERG) signals. <i>Documenta Ophthalmologica</i> , <b>2015</b> , 131, 85-94	2.2	6
99	The spatial properties of L- and M-cone inputs to electroretinograms that reflect different types of post-receptoral processing. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121218	3.7	16
98	Evaluation of a 345 nm Femtosecond Laser for Corneal Surgery with Respect to Intraocular Radiation Hazard. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137638	3.7	3
97	Rod- and cone-driven responses in mice expressing human L-cone pigment. <i>Journal of Neurophysiology</i> , <b>2015</b> , 114, 2230-41	3.2	8
96	Photoreceptor degeneration in two mouse models for congenital stationary night blindness type 2. <i>PLoS ONE</i> , <b>2014</b> , 9, e86769	3.7	43
95	Alouatta trichromatic color vision: cone spectra and physiological responses studied with microspectrophotometry and single unit retinal electrophysiology. <i>PLoS ONE</i> , <b>2014</b> , 9, e113321	3.7	8
94	Evidence for two types of lateral interactions in visual perception of temporal signals. <i>Journal of Vision</i> , <b>2014</b> , 14,	0.4	4
93	Temporal characteristics of L- and M-cone isolating steady-state electroretinograms. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2014</b> , 31, A113-20	1.8	14

92	Incremental and decremental L- and M-cone-driven ERG responses: I. Square-wave pulse stimulation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2014</b> , 31, A159-69	1.8	13
91	Incremental and decremental L- and M-cone driven ERG responses: II. Sawtooth stimulation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2014</b> , 31, A170-8	1.8	13
90	Human flicker electroretinography using different temporal modulations at mesopic and photopic luminance levels. <i>Documenta Ophthalmologica</i> , <b>2014</b> , 129, 129-38	2.2	6
89	Perimetric measurements with flicker-defined form stimulation in comparison with conventional perimetry and retinal nerve fiber measurements <b>2014</b> , 55, 2317-23		12
88	Pattern electroretinograms during the cold pressor test in normals and glaucoma patients <b>2014</b> , 55, 2173-9		5
87	Macular pigment optical density measured by heterochromatic modulation photometry. <i>PLoS ONE</i> , <b>2014</b> , 9, e110521	3.7	8
86	Functional protective effects of long-term memantine treatment in the DBA/2J mouse. <i>Documenta Ophthalmologica</i> , <b>2013</b> , 126, 221-32	2.2	17
85	Strain differences in illumination-dependent structural changes at mouse photoreceptor ribbon synapses. <i>Journal of Comparative Neurology</i> , <b>2013</b> , 521, 69-78	3.4	12
84	ON and OFF electroretinography and contrast sensitivity in Duchenne muscular dystrophy <b>2013</b> , 54, 3195-204		20
83	Multifocal ERG recordings under visual control of the stimulated fundus in mice <b>2013</b> , 54, 2582-9		12
82	Identification and immunocytochemical characterization of Piccolino, a novel Piccolo splice variant selectively expressed at sensory ribbon synapses of the eye and ear. <i>PLoS ONE</i> , <b>2013</b> , 8, e70373	3.7	43
81	Multifocal electroretinography after high dose chloroquine therapy for malaria. <i>Journal of Ophthalmic and Vision Research</i> , <b>2013</b> , 8, 193-8	1.2	3
80	Asymmetries in the contributions of On- and Off-mechanisms to the ERG signal.. <i>Psychology and Neuroscience</i> , <b>2013</b> , 6, 179-190	1.9	2
79	Simultaneous chromatic and luminance human electroretinogram responses. <i>Journal of Physiology</i> , <b>2012</b> , 590, 3141-54	3.9	23
78	Spectral characteristics of the PhNR in the full-field flash electroretinogram of normals and glaucoma patients. <i>Documenta Ophthalmologica</i> , <b>2012</b> , 124, 79-90	2.2	19
77	On- and off-response ERGs elicited by sawtooth stimuli in normal subjects and glaucoma patients. <i>Documenta Ophthalmologica</i> , <b>2012</b> , 124, 237-48	2.2	22
76	Objective perimetry using a four-channel multifocal VEP system: correlation with conventional perimetry and thickness of the retinal nerve fibre layer. <i>British Journal of Ophthalmology</i> , <b>2012</b> , 96, 554-9	5.5	6
75	Electroretinographic responses to photoreceptor specific sine wave modulation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2012</b> , 29, A306-13	1.8	18

74	Mesopic rod and S-cone interactions revealed by modulation thresholds. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2012</b> , 29, A19-26	1.8	10
73	Signal Pathways in the Electroretinogram <b>2011</b> ,		1
72	Heterochromatic flicker electroretinograms reflecting luminance and cone opponent activity in glaucoma patients <b>2011</b> , 52, 6757-65		11
71	Frequency dependency of temporal contrast adaptation in normal subjects. <i>Vision Research</i> , <b>2011</b> , 51, 1312-7	2.1	2
70	Changes in perceived temporal variation due to context: contributions from two distinct neural mechanisms. <i>Vision Research</i> , <b>2011</b> , 51, 1853-60	2.1	8
69	On and off responses of the photopic fullfield ERG in normal subjects and glaucoma patients. <i>Documenta Ophthalmologica</i> , <b>2011</b> , 122, 53-62	2.2	27
68	Retinal disorders in northern Brazilian patients treated with chloroquine assessed by multifocal ERG. <i>Documenta Ophthalmologica</i> , <b>2011</b> , 122, 77-86	2.2	3
67	Ccdc66 null mutation causes retinal degeneration and dysfunction. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 3620-31	5.6	24
66	The influence of retinal illuminance on L- and M-cone driven electroretinograms. <i>Visual Neuroscience</i> , <b>2011</b> , 28, 129-35	1.7	7
65	L- and M-cone input to 12Hz and 30Hz flicker ERGs across the human retina. <i>Ophthalmic and Physiological Optics</i> , <b>2010</b> , 30, 503-10	4.1	13
64	Flicker ERGs representing chromaticity and luminance signals <b>2010</b> , 51, 577-87		31
63	Changes of osteopontin in the aqueous humor of the DBA2/J glaucoma model correlated with optic nerve and RGC degenerations <b>2010</b> , 51, 5759-67		18
62	A new interpretation of components in the ERG signals to sine wave luminance stimuli at different temporal frequencies and contrasts. <i>Visual Neuroscience</i> , <b>2010</b> , 27, 79-90	1.7	12
61	Spatial distributions of on- and off-responses determined with the multifocal ERG. <i>Documenta Ophthalmologica</i> , <b>2010</b> , 120, 145-58	2.2	9
60	Absence of ocular interaction in flicker ERG responses reflecting cone opponent and luminance signals. <i>Documenta Ophthalmologica</i> , <b>2010</b> , 121, 69-75	2.2	4
59	A comparison of the suitability of cathode ray tube (CRT) and liquid crystal display (LCD) monitors as visual stimulators in mfERG diagnostics. <i>Documenta Ophthalmologica</i> , <b>2009</b> , 118, 179-89	2.2	12
58	Rod and S-cone driven ERG signals at high retinal illuminances. <i>Documenta Ophthalmologica</i> , <b>2009</b> , 118, 205-16	2.2	14
57	Electrophysiological deficits in the retina of the DBA/2J mouse. <i>Documenta Ophthalmologica</i> , <b>2009</b> , 119, 181-97	2.2	52

56	Electroretinographic responses that may reflect activity of parvo- and magnocellular post-receptoral visual pathways. <i>Journal of Vision</i> , <b>2008</b> , 8, 11.1-14	0.4	31
55	Multifocal electroretinographical changes in monkeys with experimental ocular hypertension: a longitudinal study. <i>Documenta Ophthalmologica</i> , <b>2008</b> , 117, 47-63	2.2	2
54	The photopic negative response of the blue-on-yellow flash-electroretinogram in glaucomas and normal subjects. <i>Documenta Ophthalmologica</i> , <b>2008</b> , 117, 147-54	2.2	11
53	Linking lateral interactions in flicker perception to lateral geniculate nucleus cell responses. <i>Journal of Physiology</i> , <b>2007</b> , 581, 1083-100	3.9	6
52	Spatial receptive field properties of lateral geniculate cells in the owl monkey ( <i>Aotus azarae</i> ) at different contrasts: a comparative study. <i>European Journal of Neuroscience</i> , <b>2007</b> , 26, 992-1006	3.5	14
51	The spatial extent of lateral interactions in flicker perception. <i>Vision Research</i> , <b>2007</b> , 47, 16-21	2.1	7
50	Interactions between rod and L-cone signals in deuteranopes: gains and phases. <i>Visual Neuroscience</i> , <b>2006</b> , 23, 201-7	1.7	1
49	Psychophysical Correlates of Identified Physiological Processes <b>2006</b> , 311-358		
48	Comparative Anatomy and Physiology of the Primate Retina <b>2006</b> , 127-160		2
47	Progressive cone dystrophy with deutan genotype and phenotype. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2006</b> , 244, 183-91	3.8	2
46	Horizontal cell morphology in nocturnal and diurnal primates: a comparison between owl-monkey ( <i>Aotus</i> ) and capuchin monkey ( <i>Cebus</i> ). <i>Visual Neuroscience</i> , <b>2005</b> , 22, 405-15	1.7	6
45	Lateral interactions in the perception of flicker and in the physiology of the lateral geniculate nucleus. <i>Journal of Vision</i> , <b>2004</b> , 4, 643-63	0.4	14
44	Morphology and physiology of primate M- and P-cells. <i>Progress in Brain Research</i> , <b>2004</b> , 144, 21-46	2.9	49
43	Photoreceptor topography and cone-specific electroretinograms. <i>Visual Neuroscience</i> , <b>2004</b> , 21, 231-5	1.7	17
42	L- and M-cone driven large-field and multifocal electroretinograms in sector retinitis pigmentosa. <i>Documenta Ophthalmologica</i> , <b>2003</b> , 106, 171-81	2.2	8
41	Detecting color vision in a malingerer. <i>Documenta Ophthalmologica</i> , <b>2003</b> , 106, 121-8	2.2	2
40	The assessment of L- and M-cone specific electroretinographical signals in the normal and abnormal human retina. <i>Progress in Retinal and Eye Research</i> , <b>2003</b> , 22, 579-605	20.5	42
39	Centre and surround responses of marmoset lateral geniculate neurones at different temporal frequencies. <i>Journal of Physiology</i> , <b>2003</b> , 546, 903-19	3.9	20



38	Alterations of L- and M-cone driven ERGs in cone and cone-rod dystrophies. <i>Vision Research</i> , <b>2003</b> , 43, 2333-44	2.1	10
37	Cone selective adaptation influences L- and M-cone driven signals in electroretinography and psychophysics. <i>Journal of Vision</i> , <b>2003</b> , 3, 146-60	0.4	27
36	Rod and L-cone interactions in a deuteranope at different temporal frequencies. <i>Color Research and Application</i> , <b>2001</b> , 26, S76-S78	1.3	4
35	Macular dystrophy with protan genotype and phenotype studied with cone type specific ERGs. <i>Current Eye Research</i> , <b>2001</b> , 22, 221-8	2.9	7
34	Rod-/L-cone and rod-/M-cone interactions in electroretinograms at different temporal frequencies. <i>Visual Neuroscience</i> , <b>2001</b> , 18, 339-351	1.7	18
33	Influence of contrast on the responses of marmoset lateral geniculate cells to drifting gratings. <i>Journal of Neurophysiology</i> , <b>2001</b> , 85, 235-46	3.2	34
32	L- and M-cone-driven electroretinograms in Stargardt's macular dystrophy-fundus flavimaculatus. <i>Investigative Ophthalmology and Visual Science</i> , <b>2001</b> , 42, 1380-9		10
31	Rod-/L-cone and rod-/M-cone interactions in electroretinograms at different temporal frequencies. <i>Visual Neuroscience</i> , <b>2001</b> , 18, 339-51	1.7	9
30	Visual responses of ganglion cells of a New-World primate, the capuchin monkey, <i>Cebus apella</i> . <i>Journal of Physiology</i> , <b>2000</b> , 528, 573-90	3.9	34
29	L/M cone ratios in human trichromats assessed by psychophysics, electroretinography, and retinal densitometry. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2000</b> , 17, 517-26	1.8	87
28	L- and M-cone driven ERGs are differently altered in Best's macular dystrophy. <i>Vision Research</i> , <b>2000</b> , 40, 3159-68	2.1	13
27	Large phase differences between L-cone- and M-cone-driven electroretinograms in retinitis pigmentosa. <i>Investigative Ophthalmology and Visual Science</i> , <b>2000</b> , 41, 3225-33		13
26	Rod-cone-interactions in deuteranopic observers: models and dynamics. <i>Vision Research</i> , <b>1999</b> , 39, 3372-85		20
25	Spectral sensitivities in dichromats and trichromats at mesopic retinal illuminances. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1999</b> , 16, 1541	1.8	11
24	Ganglion cells of a short-wavelength-sensitive cone pathway in New World monkeys: morphology and physiology. <i>Visual Neuroscience</i> , <b>1999</b> , 16, 333-43	1.7	56
23	Cone signal contributions to electroretinograms [correction of electrograms] in dichromats and trichromats. <i>Investigative Ophthalmology and Visual Science</i> , <b>1999</b> , 40, 920-30		38
22	Spatial and temporal response properties of the major retino-geniculate pathways of Old and New World monkeys. <i>Documenta Ophthalmologica</i> , <b>1998</b> , 95, 229-45	2.2	10
21	Post-receptoral mechanisms of colour vision in New World primates. <i>Vision Research</i> , <b>1998</b> , 38, 3329-37	2.1	34

20	Comparative retinal physiology in anthropoids. <i>Vision Research</i> , <b>1998</b> , 38, 3339-44	2.1	13
19	Flicker cone electroretinogram in dichromats and trichromats. <i>Vision Research</i> , <b>1998</b> , 38, 3391-6	2.1	34
18	Response phase of the flicker electroretinogram (ERG) is influenced by cone excitation strength. <i>Vision Research</i> , <b>1998</b> , 38, 3247-51	2.1	21
17	Interaction between rod and cone signals in responses of lateral geniculate neurons in dichromatic marmosets ( <i>Callithrix jacchus</i> ). <i>Visual Neuroscience</i> , <b>1998</b> , 15, 931-43	1.7	24
16	Receptive fields of primate retinal ganglion cells studied with a novel technique. <i>Visual Neuroscience</i> , <b>1998</b> , 15, 161-75	1.7	95
15	4. Chromatic Processing in the Lateral Geniculate Nucleus of the Common Marmoset ( <i>Callithrix jacchus</i> ) <b>1998</b> , 89-100		1
14	Receptive field dimensions of lateral geniculate cells in the common marmoset ( <i>Callithrix jacchus</i> ). <i>Vision Research</i> , <b>1997</b> , 37, 2171-81	2.1	42
13	Temporal properties of marmoset lateral geniculate cells. <i>Vision Research</i> , <b>1997</b> , 37, 2649-60	2.1	32
12	Rod inputs to macaque ganglion cells. <i>Vision Research</i> , <b>1997</b> , 37, 2813-28	2.1	123
11	The time course of adaptation in macaque retinal ganglion cells. <i>Vision Research</i> , <b>1996</b> , 36, 913-31	2.1	75
10	Visual responses in the lateral geniculate nucleus of dichromatic and trichromatic marmosets ( <i>Callithrix jacchus</i> ). <i>Journal of Neuroscience</i> , <b>1995</b> , 15, 7892-904	6.6	94
9	The spatial precision of macaque ganglion cell responses in relation to vernier acuity of human observers. <i>Vision Research</i> , <b>1995</b> , 35, 2743-58	2.1	62
8	Responses to pulses and sinusoids in macaque ganglion cells. <i>Vision Research</i> , <b>1994</b> , 34, 3081-96	2.1	143
7	The response of macaque ganglion cells and human observers to heterochromatically modulated lights: the effect of stimulus size. <i>Vision Research</i> , <b>1994</b> , 34, 217-21	2.1	7
6	Responses of macaque ganglion cells and human observers to compound periodic waveforms. <i>Vision Research</i> , <b>1993</b> , 33, 1997-2011	2.1	93
5	Macaque ganglion cell responses to stimuli that elicit hyperacuity in man: detection of small displacements. <i>Journal of Neuroscience</i> , <b>1993</b> , 13, 1001-9	6.6	62
4	Responses of macaque ganglion cells to movement of chromatic borders. <i>Journal of Physiology</i> , <b>1992</b> , 458, 579-602	3.9	45
3	Angular velocity, not temporal frequency determines circular vection. <i>Vision Research</i> , <b>1990</b> , 30, 637-46	2.1	54

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| 2 | Retinal damage in macaque after white light exposures lasting ten minutes to twelve hours.<br><i>Investigative Ophthalmology and Visual Science</i> , <b>1989</b> , 30, 1032-40 | 27     |
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