

Jan Kremers

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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	Responses to pulses and sinusoids in macaque ganglion cells. <i>Vision Research</i> , 1994 , 34, 3081-96	2.1	143
162	Rod inputs to macaque ganglion cells. <i>Vision Research</i> , 1997 , 37, 2813-28	2.1	123
161	Receptive fields of primate retinal ganglion cells studied with a novel technique. <i>Visual Neuroscience</i> , 1998 , 15, 161-75	1.7	95
160	Visual responses in the lateral geniculate nucleus of dichromatic and trichromatic marmosets (<i>Callithrix jacchus</i>). <i>Journal of Neuroscience</i> , 1995 , 15, 7892-904	6.6	94
159	Responses of macaque ganglion cells and human observers to compound periodic waveforms. <i>Vision Research</i> , 1993 , 33, 1997-2011	2.1	93
158	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> , 2000 , 17, 517-26	1.8	87
157	Analytical stereophotogrammetric determination of three-dimensional knee-joint geometry. <i>Journal of Biomechanics</i> , 1985 , 18, 559-70	2.9	76
156	The time course of adaptation in macaque retinal ganglion cells. <i>Vision Research</i> , 1996 , 36, 913-31	2.1	75
155	ISCEV extended protocol for the photopic negative response (PhNR) of the full-field electroretinogram. <i>Documenta Ophthalmologica</i> , 2018 , 136, 207-211	2.2	64
154	The spatial precision of macaque ganglion cell responses in relation to vernier acuity of human observers. <i>Vision Research</i> , 1995 , 35, 2743-58	2.1	62
153	Macaque ganglion cell responses to stimuli that elicit hyperacuity in man: detection of small displacements. <i>Journal of Neuroscience</i> , 1993 , 13, 1001-9	6.6	62
152	Ganglion cells of a short-wavelength-sensitive cone pathway in New World monkeys: morphology and physiology. <i>Visual Neuroscience</i> , 1999 , 16, 333-43	1.7	56
151	Angular velocity, not temporal frequency determines circular vection. <i>Vision Research</i> , 1990 , 30, 637-46	2.1	54
150	Electrophysiological deficits in the retina of the DBA/2J mouse. <i>Documenta Ophthalmologica</i> , 2009 , 119, 181-97	2.2	52
149	Morphology and physiology of primate M- and P-cells. <i>Progress in Brain Research</i> , 2004 , 144, 21-46	2.9	49
148	Responses of macaque ganglion cells to movement of chromatic borders. <i>Journal of Physiology</i> , 1992 , 458, 579-602	3.9	45
147	Photoreceptor degeneration in two mouse models for congenital stationary night blindness type 2. <i>PLoS ONE</i> , 2014 , 9, e86769	3.7	43

146	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> , 2013 , 8, e70373	3.7	43
145	Receptive field dimensions of lateral geniculate cells in the common marmoset (<i>Callithrix jacchus</i>). <i>Vision Research</i> , 1997 , 37, 2171-81	2.1	42
144	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> , 2003 , 22, 579-605	20.5	42
143	Cone signal contributions to electroretinograms [correction of electrograms] in dichromats and trichromats. <i>Investigative Ophthalmology and Visual Science</i> , 1999 , 40, 920-30		38
142	Post-receptor mechanisms of colour vision in New World primates. <i>Vision Research</i> , 1998 , 38, 3329-37	2.1	34
141	Flicker cone electroretinogram in dichromats and trichromats. <i>Vision Research</i> , 1998 , 38, 3391-6	2.1	34
140	Visual responses of ganglion cells of a New-World primate, the capuchin monkey, <i>Cebus apella</i> . <i>Journal of Physiology</i> , 2000 , 528, 573-90	3.9	34
139	Influence of contrast on the responses of marmoset lateral geniculate cells to drifting gratings. <i>Journal of Neurophysiology</i> , 2001 , 85, 235-46	3.2	34
138	Temporal properties of marmoset lateral geniculate cells. <i>Vision Research</i> , 1997 , 37, 2649-60	2.1	32
137	Flicker ERGs representing chromaticity and luminance signals 2010 , 51, 577-87		31
136	Electroretinographic responses that may reflect activity of parvo- and magnocellular post-receptor visual pathways. <i>Journal of Vision</i> , 2008 , 8, 11.1-14	0.4	31
135	ISCEV extended protocol for the photopic On-Off ERG. <i>Documenta Ophthalmologica</i> , 2018 , 136, 199-206	2.2	28
134	On and off responses of the photopic fullfield ERG in normal subjects and glaucoma patients. <i>Documenta Ophthalmologica</i> , 2011 , 122, 53-62	2.2	27
133	Cone selective adaptation influences L- and M-cone driven signals in electroretinography and psychophysics. <i>Journal of Vision</i> , 2003 , 3, 146-60	0.4	27
132	Retinal damage in macaque after white light exposures lasting ten minutes to twelve hours. <i>Investigative Ophthalmology and Visual Science</i> , 1989 , 30, 1032-40		27
131	Ccdc66 null mutation causes retinal degeneration and dysfunction. <i>Human Molecular Genetics</i> , 2011 , 20, 3620-31	5.6	24
130	Interaction between rod and cone signals in responses of lateral geniculate neurons in dichromatic marmosets (<i>Callithrix jacchus</i>). <i>Visual Neuroscience</i> , 1998 , 15, 931-43	1.7	24
129	Simultaneous chromatic and luminance human electroretinogram responses. <i>Journal of Physiology</i> , 2012 , 590, 3141-54	3.9	23

128	On- and off-response ERGs elicited by sawtooth stimuli in normal subjects and glaucoma patients. <i>Documenta Ophthalmologica</i> , 2012 , 124, 237-48	2.2	22
127	Analysis of RIM Expression and Function at Mouse Photoreceptor Ribbon Synapses. <i>Journal of Neuroscience</i> , 2017 , 37, 7848-7863	6.6	21
126	Response phase of the flicker electroretinogram (ERG) is influenced by cone excitation strength. <i>Vision Research</i> , 1998 , 38, 3247-51	2.1	21
125	ON and OFF electroretinography and contrast sensitivity in Duchenne muscular dystrophy 2013 , 54, 3195-204		20
124	Centre and surround responses of marmoset lateral geniculate neurones at different temporal frequencies. <i>Journal of Physiology</i> , 2003 , 546, 903-19	3.9	20
123	Rod-cone-interactions in deuteranopic observers: models and dynamics. <i>Vision Research</i> , 1999 , 39, 3372-85		20
122	Spectral characteristics of the PhNR in the full-field flash electroretinogram of normals and glaucoma patients. <i>Documenta Ophthalmologica</i> , 2012 , 124, 79-90	2.2	19
121	Changes of osteopontin in the aqueous humor of the DBA2/J glaucoma model correlated with optic nerve and RGC degenerations 2010 , 51, 5759-67		18
120	Electroretinographic responses to photoreceptor specific sine wave modulation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012 , 29, A306-13	1.8	18
119	Rod-/L-cone and rod-/M-cone interactions in electroretinograms at different temporal frequencies. <i>Visual Neuroscience</i> , 2001 , 18, 339-351	1.7	18
118	Paradoxical pupil responses to isolated M-cone increments. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2018 , 35, B66-B71	1.8	17
117	Functional protective effects of long-term memantine treatment in the DBA/2J mouse. <i>Documenta Ophthalmologica</i> , 2013 , 126, 221-32	2.2	17
116	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> , 2017 , 34, 171-183	1.8	17
115	Photoreceptor topography and cone-specific electroretinograms. <i>Visual Neuroscience</i> , 2004 , 21, 231-5	1.7	17
114	The spatial properties of L- and M-cone inputs to electroretinograms that reflect different types of post-receptoral processing. <i>PLoS ONE</i> , 2015 , 10, e0121218	3.7	16
113	A Multiple Piccolino-RIBEYE Interaction Supports Plate-Shaped Synaptic Ribbons in Retinal Neurons. <i>Journal of Neuroscience</i> , 2019 , 39, 2606-2619	6.6	14
112	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> , 2014 , 31, A113-20	1.8	14
111	Rod and S-cone driven ERG signals at high retinal illuminances. <i>Documenta Ophthalmologica</i> , 2009 , 118, 205-16	2.2	14

110	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> , 2007 , 26, 992-1006	3.5	14
109	Lateral interactions in the perception of flicker and in the physiology of the lateral geniculate nucleus. <i>Journal of Vision</i> , 2004 , 4, 643-63	0.4	14
108	Rod Electroretinograms Elicited by Silent Substitution Stimuli from the Light-Adapted Human Eye. <i>Translational Vision Science and Technology</i> , 2016 , 5, 13	3.3	14
107	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> , 2014 , 31, A159-69	1.8	13
106	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> , 2014 , 31, A170-8	1.8	13
105	L- and M-cone input to 12Hz and 30Hz flicker ERGs across the human retina. <i>Ophthalmic and Physiological Optics</i> , 2010 , 30, 503-10	4.1	13
104	Comparative retinal physiology in anthropoids. <i>Vision Research</i> , 1998 , 38, 3339-44	2.1	13
103	L- and M-cone driven ERGs are differently altered in Best's macular dystrophy. <i>Vision Research</i> , 2000 , 40, 3159-68	2.1	13
102	Large phase differences between L-cone- and M-cone-driven electroretinograms in retinitis pigmentosa. <i>Investigative Ophthalmology and Visual Science</i> , 2000 , 41, 3225-33		13
101	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> , 2016 , 33, A93-103	1.8	12
100	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> , 2016 , 33, A1-11	1.8	12
99	Strain differences in illumination-dependent structural changes at mouse photoreceptor ribbon synapses. <i>Journal of Comparative Neurology</i> , 2013 , 521, 69-78	3.4	12
98	Perimetric measurements with flicker-defined form stimulation in comparison with conventional perimetry and retinal nerve fiber measurements 2014 , 55, 2317-23		12
97	Multifocal ERG recordings under visual control of the stimulated fundus in mice 2013 , 54, 2582-9		12
96	A new interpretation of components in the ERG signals to sine wave luminance stimuli at different temporal frequencies and contrasts. <i>Visual Neuroscience</i> , 2010 , 27, 79-90	1.7	12
95	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> , 2009 , 118, 179-89	2.2	12
94	Heterochromatic flicker electroretinograms reflecting luminance and cone opponent activity in glaucoma patients 2011 , 52, 6757-65		11
93	The photopic negative response of the blue-on-yellow flash-electroretinogram in glaucomas and normal subjects. <i>Documenta Ophthalmologica</i> , 2008 , 117, 147-54	2.2	11

92	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> , 1999 , 16, 1541	1.8	11
91	The influence of stimulus size on heterochromatic modulation electroretinograms. <i>Journal of Vision</i> , 2016 , 16, 13	0.4	11
90	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> , 2017 , 20, 265-272	3.6	10
89	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> , 2012 , 29, A19-26	1.8	10
88	Spatial and temporal response properties of the major retino-geniculate pathways of Old and New World monkeys. <i>Documenta Ophthalmologica</i> , 1998 , 95, 229-45	2.2	10
87	Alterations of L- and M-cone driven ERGs in cone and cone-rod dystrophies. <i>Vision Research</i> , 2003 , 43, 2333-44	2.1	10
86	L- and M-cone-driven electroretinograms in Stargardt's macular dystrophy-fundus flavimaculatus. <i>Investigative Ophthalmology and Visual Science</i> , 2001 , 42, 1380-9		10
85	Spatial distributions of on- and off-responses determined with the multifocal ERG. <i>Documenta Ophthalmologica</i> , 2010 , 120, 145-58	2.2	9
84	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> , 2016 , 33, 1989-1998	1.8	9
83	Rod-/L-cone and rod-/M-cone interactions in electroretinograms at different temporal frequencies. <i>Visual Neuroscience</i> , 2001 , 18, 339-51	1.7	9
82	Comparison of frequency doubling and flicker defined form perimetry in early glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2016 , 254, 937-46	3.8	8
81	Rod- and cone-driven responses in mice expressing human L-cone pigment. <i>Journal of Neurophysiology</i> , 2015 , 114, 2230-41	3.2	8
80	<i>Alouatta</i> trichromatic color vision: cone spectra and physiological responses studied with microspectrophotometry and single unit retinal electrophysiology. <i>PLoS ONE</i> , 2014 , 9, e113321	3.7	8
79	Changes in perceived temporal variation due to context: contributions from two distinct neural mechanisms. <i>Vision Research</i> , 2011 , 51, 1853-60	2.1	8
78	L- and M-cone driven large-field and multifocal electroretinograms in sector retinitis pigmentosa. <i>Documenta Ophthalmologica</i> , 2003 , 106, 171-81	2.2	8
77	Macular pigment optical density measured by heterochromatic modulation photometry. <i>PLoS ONE</i> , 2014 , 9, e110521	3.7	8
76	Dystrophin Is Required for Proper Functioning of Luminance and Red-Green Cone Opponent Mechanisms in the Human Retina 2016 , 57, 3581-7		8
75	Rod- versus cone-driven ERGs at different stimulus sizes in normal subjects and retinitis pigmentosa patients. <i>Documenta Ophthalmologica</i> , 2018 , 136, 27-43	2.2	8

74	The morphology of human rod ERGs obtained by silent substitution stimulation. <i>Documenta Ophthalmologica</i> , 2017 , 134, 11-24	2.2	7
73	A Temporal White Noise Analysis for Extracting the Impulse Response Function of the Human Electroretinogram. <i>Translational Vision Science and Technology</i> , 2017 , 6, 1	3.3	7
72	A dim view of M-cone onsets. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2016 , 33, A207-13	1.8	7
71	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> , 2018 , 35, B106-B113	1.8	7
70	The influence of retinal illuminance on L- and M-cone driven electroretinograms. <i>Visual Neuroscience</i> , 2011 , 28, 129-35	1.7	7
69	The spatial extent of lateral interactions in flicker perception. <i>Vision Research</i> , 2007 , 47, 16-21	2.1	7
68	Macular dystrophy with protan genotype and phenotype studied with cone type specific ERGs. <i>Current Eye Research</i> , 2001 , 22, 221-8	2.9	7
67	The response of macaque ganglion cells and human observers to heterochromatically modulated lights: the effect of stimulus size. <i>Vision Research</i> , 1994 , 34, 217-21	2.1	7
66	Asymmetrical Functional Deficits of ON and OFF Retinal Processing in the mdx3Cv Mouse Model of Duchenne Muscular Dystrophy 2016 , 57, 5788-5798		7
65	The photopic negative response of the Light-adapted 3.0 ERG in clinical settings. <i>Documenta Ophthalmologica</i> , 2020 , 140, 115-128	2.2	7
64	A method for estimating intrinsic noise in electroretinographic (ERG) signals. <i>Documenta Ophthalmologica</i> , 2015 , 131, 85-94	2.2	6
63	Rescue of Defective Electroretinographic Responses in Dp71-Null Mice With AAV-Mediated Reexpression of Dp71 2020 , 61, 11		6
62	Human flicker electroretinography using different temporal modulations at mesopic and photopic luminance levels. <i>Documenta Ophthalmologica</i> , 2014 , 129, 129-38	2.2	6
61	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> , 2012 , 96, 554-55	5.5	6
60	Linking lateral interactions in flicker perception to lateral geniculate nucleus cell responses. <i>Journal of Physiology</i> , 2007 , 581, 1083-100	3.9	6
59	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> , 2005 , 22, 405-15	1.7	6
58	Flicker-defined form perimetry in glaucoma patients. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2015 , 253, 447-55	3.8	5
57	Developments in non-invasive visual electrophysiology. <i>Vision Research</i> , 2020 , 174, 50-56	2.1	5

56	Mutation in Bmpr1b Leads to Optic Disc Coloboma and Ventral Retinal Gliosis in Mice 2020 , 61, 44		5
55	Measuring Retinal Function in the Mouse. <i>Methods in Molecular Biology</i> , 2018 , 1753, 27-40	1.4	5
54	The BEACH Protein LRBA Promotes the Localization of the Heterotrimeric G-protein G to Olfactory Cilia. <i>Scientific Reports</i> , 2017 , 7, 8409	4.9	5
53	Mesopic and Photopic Rod and Cone Photoreceptor-Driven Visual Processes in Mice With Long-Wavelength-Shifted Cone Pigments 2017 , 58, 5177-5187		5
52	Pattern electroretinograms during the cold pressor test in normals and glaucoma patients 2014 , 55, 2173-9		5
51	The melanopsin-directed white noise electroretinogram (wnERG). <i>Vision Research</i> , 2019 , 164, 83-93	2.1	4
50	Photoreceptor-Specific Loss of Perifoveal Temporal Contrast Sensitivity in Retinitis Pigmentosa. <i>Translational Vision Science and Technology</i> , 2020 , 9, 27	3.3	4
49	Electroretinographical determination of human color vision type. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2018 , 35, B92-B99	1.8	4
48	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> , 2018 , 35, B11-B18	1.8	4
47	Evidence for two types of lateral interactions in visual perception of temporal signals. <i>Journal of Vision</i> , 2014 , 14,	0.4	4
46	Absence of ocular interaction in flicker ERG responses reflecting cone opponent and luminance signals. <i>Documenta Ophthalmologica</i> , 2010 , 121, 69-75	2.2	4
45	Rod and L-cone interactions in a deuteranope at different temporal frequencies. <i>Color Research and Application</i> , 2001 , 26, S76-S78	1.3	4
44	Towards an electroretinographic assay for studying colour vision in human observers. <i>Documenta Ophthalmologica</i> , 2016 , 133, 109-120	2.2	4
43	Novel truncating mutation in CACNA1F in a young male patient diagnosed with optic atrophy. <i>Ophthalmic Genetics</i> , 2018 , 39, 741-748	1.2	4
42	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> , 2019 , 185, 107673	3.7	3
41	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> , 2016 , 254, 259-68	3.8	3
40	Lack of a Retinal Phenotype in a Syne-2/Nesprin-2 Knockout Mouse Model. <i>Cells</i> , 2019 , 8,	7.9	3
39	L-/M-cone opponency in visual evoked potentials of human cortex. <i>Journal of Vision</i> , 2017 , 17, 20	0.4	3

38	Evaluation of a 345 nm Femtosecond Laser for Corneal Surgery with Respect to Intraocular Radiation Hazard. <i>PLoS ONE</i> , 2015 , 10, e0137638	3.7	3
37	Retinal disorders in northern Brazilian patients treated with chloroquine assessed by multifocal ERG. <i>Documenta Ophthalmologica</i> , 2011 , 122, 77-86	2.2	3
36	Multifocal electroretinography after high dose chloroquine therapy for malaria. <i>Journal of Ophthalmic and Vision Research</i> , 2013 , 8, 193-8	1.2	3
35	Feasibility of intravitreal injections and ophthalmic safety assessment in marmoset () monkeys. <i>Primate Biology</i> , 2017 , 4, 93-100	0.9	3
34	The Retinal Processing of Photoreceptor Signals 2016 , 33-70		3
33	Steady-State Visually Evoked Potentials Elicited by Multifrequency Pattern-Reversal Stimulation. <i>Translational Vision Science and Technology</i> , 2019 , 8, 24	3.3	2
32	Electrophysiological Studies on The Dynamics of Luminance Adaptation in the Mouse Retina. <i>Vision (Switzerland)</i> , 2017 , 1,	2.3	2
31	Frequency dependency of temporal contrast adaptation in normal subjects. <i>Vision Research</i> , 2011 , 51, 1312-7	2.1	2
30	Multifocal electroretinographical changes in monkeys with experimental ocular hypertension: a longitudinal study. <i>Documenta Ophthalmologica</i> , 2008 , 117, 47-63	2.2	2
29	Comparative Anatomy and Physiology of the Primate Retina 2006 , 127-160		2
28	Progressive cone dystrophy with deutan genotype and phenotype. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 183-91	3.8	2
27	Detecting color vision in a malingerer. <i>Documenta Ophthalmologica</i> , 2003 , 106, 121-8	2.2	2
26	Asymmetries in the contributions of On- and Off-mechanisms to the ERG signal.. <i>Psychology and Neuroscience</i> , 2013 , 6, 179-190	1.9	2
25	25 Hz adaptation: Influence on recovery time in glaucoma 2016 , 1, 1-9		2
24	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> , 2020 , 21,	6.3	2
23	Altered visual processing in the mdx52 mouse model of Duchenne muscular dystrophy. <i>Neurobiology of Disease</i> , 2021 , 152, 105288	7.5	2
22	Electrodiagnosis of dichromacy. <i>Vision Research</i> , 2019 , 158, 135-145	2.1	1
21	Pathway-specific light adaptation in human electroretinograms. <i>Journal of Vision</i> , 2019 , 19, 12	0.4	1

20	Signal Pathways in the Electroretinogram 2011 ,		1
19	Interactions between rod and L-cone signals in deuteranopes: gains and phases. <i>Visual Neuroscience</i> , 2006 , 23, 201-7	1.7	1
18	Perifoveal Cone- and Rod-Mediated Temporal Contrast Sensitivities in Stargardt Disease/Fundus Flavimaculatus 2021 , 62, 24		1
17	4. Chromatic Processing in the Lateral Geniculate Nucleus of the Common Marmoset (<i>Callithrix jacchus</i>) 1998 , 89-100		1
16	Genetic disruption of bassoon in two mutant mouse lines causes divergent retinal phenotypes. <i>FASEB Journal</i> , 2021 , 35, e21520	0.9	1
15	Summation of Temporal L-Cone- and M-Cone-Contrast in the Magno- and Parvocellular Retino-Geniculate Systems in Glaucoma 2021 , 62, 17		1
14	Color Vision in Clinical Practice 2016 , 269-315		1
13	Relationship between stimulus size and different components of the electroretinogram (ERG) elicited by flashed stimuli. <i>Documenta Ophthalmologica</i> , 2021 , 142, 213-231	2.2	1
12	The spatial distribution of ERGs reflecting luminance and L-/M-cone-opponent signals. <i>Documenta Ophthalmologica</i> , 2021 , 142, 329-342	2.2	1
11	Mouse Cones Adapt Fast, Rods Slowly In Vivo 2019 , 60, 2152-2164		0
10	High-frequency characteristics of L- and M-cone driven electroretinograms. <i>Vision Research</i> , 2019 , 159, 35-41	2.1	0
9	Blue-Yellow VEP with Projector-Stimulation in Glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 1	3.8	0
8	Correlations Between Dark-Adapted Rod Threshold Elevations and ERG Response Deficits in Duchenne Muscular Dystrophy 2021 , 62, 29		0
7	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> , 2021 , 143, 207-220	2.2	0
6	Comparison of macaque and human L- and M-cone driven electroretinograms. <i>Experimental Eye Research</i> , 2021 , 206, 108556	3.7	0
5	Psychophysical Correlates of Identified Physiological Processes 2006 , 311-358		
4	Correlated and Uncorrelated Invisible Temporal White Noise Alters Mesopic Rod Signaling. <i>Journal of Vision</i> , 2016 , 16, 45	0.4	
3	Responses of Postreceptoral Pathways Elicited by L- and M-Cone Isolating ON- and OFF-Electroretinograms in Glaucoma Patients 2021 , 62, 14		

- 2 Pseudorandom full-field electroretinograms reflect different light adaptation mechanisms. *Documenta Ophthalmologica*, **2021**, 143, 53-60 2.2
- 1 The Association Between Acquired Color Deficiency and PET Imaging of Neurodegeneration in Mild Cognitive Impairment and Alzheimer Disease. **2022**, 63, 20