Jan Kremers

List of Publications by Year
in descending order

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171 papers	3,516 citations	172207 29 h-index	197535 49 g-index
174 all docs	174 docs citations	174 times ranked	1978 citing authors

#	Article	IF	Citations
1	Responses to pulses and sinusoids in macaque ganglion cells. Vision Research, 1994, 34, 3081-3096.	0.7	157
2	Rod inputs to macaque ganglion cells. Vision Research, 1997, 37, 2813-2828.	0.7	137
3	Responses of macaque ganglion cells and human observers to compound periodic waveforms. Vision Research, 1993, 33, 1997-2011.	0.7	114
4	ISCEV extended protocol for the photopic negative response (PhNR) of the full-field electroretinogram. Documenta Ophthalmologica, 2018, 136, 207-211.	1.0	114
5	L/M cone ratios in human trichromats assessed by psychophysics, electroretinography, and retinal densitometry. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2000, 17, 517.	0.8	108
6	Receptive fields of primate retinal ganglion cells studied with a novel technique. Visual Neuroscience, 1998, 15, 161-175.	0.5	105
7	Visual responses in the lateral geniculate nucleus of dichromatic and trichromatic marmosets (Callithrix jacchus). Journal of Neuroscience, 1995, 15, 7892-7904.	1.7	103
8	The time course of adaptation in macaque retinal ganglion cells. Vision Research, 1996, 36, 913-931.	0.7	85
9	Analytical stereophotogrammetric determination of three-dimensional knee-joint geometry. Journal of Biomechanics, 1985, 18, 559-570.	0.9	84
10	Morphology and physiology of primate M- and P-cells. Progress in Brain Research, 2004, 144, 21-46.	0.9	69
11	Macaque ganglion cell responses to stimuli that elicit hyperacuity in man: detection of small displacements. Journal of Neuroscience, 1993, 13, 1001-1009.	1.7	68
12	Electrophysiological deficits in the retina of the DBA/2J mouse. Documenta Ophthalmologica, 2009, 119, 181-197.	1.0	65
13	The spatial precision of macaque ganglion cell responses in relation to vernier acuity of human observers. Vision Research, 1995, 35, 2743-2758.	0.7	64
14	Angular velocity, not temporal frequency determines circular vection. Vision Research, 1990, 30, 637-646.	0.7	63
15	Ganglion cells of a short-wavelength-sensitive cone pathway in New World monkeys: Morphology and physiology. Visual Neuroscience, 1999, 16, 333-343.	0.5	60
16	Identification and Immunocytochemical Characterization of Piccolino, a Novel Piccolo Splice Variant Selectively Expressed at Sensory Ribbon Synapses of the Eye and Ear. PLoS ONE, 2013, 8, e70373.	1.1	55
17	Photoreceptor Degeneration in Two Mouse Models for Congenital Stationary Night Blindness Type 2. PLoS ONE, 2014, 9, e86769.	1.1	53
18	The assessment of L- and M-cone specific electroretinographical signals in the normal and abnormal human retina. Progress in Retinal and Eye Research, 2003, 22, 579-605.	7.3	52

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19	Responses of macaque ganglion cells to movement of chromatic borders.. Journal of Physiology, 1992, 458, 579-602.	1.3	49
20	ISCEV extended protocol for the photopic Onâ€“Off ERG. Documenta Ophthalmologica, 2018, 136, 199-206.	1.0	44
21	Receptive field dimensions of lateral geniculate cells in the common marmoset (Callithrix jacchus). Vision Research, 1997, 37, 2171-2181.	0.7	43
22	Visual responses of ganglion cells of a Newâ€World primate, the capuchin monkey, Cebus apella. Journal of Physiology, 2000, 528, 573-590.	1.3	43
23	Post-receptoral mechanisms of colour vision in new world primates. Vision Research, 1998, 38, 3329-3337.	0.7	40
24	Flicker ERGs Representing Chromaticity and Luminance Signals. , 2010, 51, 577.		39
25	Cone signal contributions to electroretinograms [correction of electrograms] in dichromats and trichromats. Investigative Ophthalmology and Visual Science, 1999, 40, 920-30.	3.3	38
26	Flicker cone electroretinogram in dichromats and trichromats. Vision Research, 1998, 38, 3391-3396.	0.7	37
27	Cone selective adaptation influences L- and M-cone driven signals in electroretinography and psychophysics, by Kremers, Stepien, Scholl & Saito. Journal of Vision, 2003, 3, 3.	0.1	37
28	Electroretinographic responses that may reflect activity of parvo- and magnocellular post-receptoral visual pathways. Journal of Vision, 2008, 8, 11-11.	0.1	37
29	Influence of Contrast on the Responses of Marmoset Lateral Geniculate Cells to Drifting Gratings. Journal of Neurophysiology, 2001, 85, 235-246.	0.9	36
30	Ccdc66 null mutation causes retinal degeneration and dysfunction. Human Molecular Genetics, 2011, 20, 3620-3631.	1.4	34
31	Temporal properties of marmoset lateral geniculate cells. Vision Research, 1997, 37, 2649-2660.	0.7	33
32	On and off responses of the photopic fullfield ERG in normal subjects and glaucoma patients. Documenta Ophthalmologica, 2011, 122, 53-62.	1.0	29
33	On- and off-response ERGs elicited by sawtooth stimuli in normal subjects and glaucoma patients. Documenta Ophthalmologica, 2012, 124, 237-248.	1.0	28
34	Retinal damage in macaque after white light exposures lasting ten minutes to twelve hours. Investigative Ophthalmology and Visual Science, 1989, 30, 1032-40.	3.3	28
35	Paradoxical pupil responses to isolated M-cone increments. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B66.	0.8	27
36	A Multiple Piccolino-RIBEYE Interaction Supports Plate-Shaped Synaptic Ribbons in Retinal Neurons. Journal of Neuroscience, 2019, 39, 2606-2619.	1.7	27

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37	Centre and surround responses of marmoset lateral geniculate neurones at different temporal frequencies. Journal of Physiology, 2003, 546, 903-919.	1.3	26
38	Simultaneous chromatic and luminance human electroretinogram responses. Journal of Physiology, 2012, 590, 3141-3154.	1.3	26
39	Interaction between rod and cone signals in responses of lateral geniculate neurons in dichromatic marmosets (Callithrix jacchus). Visual Neuroscience, 1998, 15, 931-943.	0.5	25
40	ON and OFF Electroretinography and Contrast Sensitivity in Duchenne Muscular Dystrophy. , 2013, 54, 3195.		25
41	Electroretinographic responses to photoreceptor specific sine wave modulation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, A306.	0.8	24
42	Analysis of RIM Expression and Function at Mouse Photoreceptor Ribbon Synapses. Journal of Neuroscience, 2017, 37, 7848-7863.	1.7	24
43	Spectral characteristics of the PhNR in the full-field flash electroretinogram of normals and glaucoma patients. Documenta Ophthalmologica, 2012, 124, 79-90.	1.0	23
44	Perifoveal S-cone and rod-driven temporal contrast sensitivities at different retinal illuminances. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 171.	0.8	23
45	Response phase of the flicker electroretinogram (ERG) is influenced by cone excitation strength. Vision Research, 1998, 38, 3247-3251.	0.7	22
46	Rodâ€“cone-interactions in deuteranopic observers: models and dynamics. Vision Research, 1999, 39, 3372-3385.	0.7	22
47	Rod-/L-cone and rod-/M-cone interactions in electroretinograms at different temporal frequencies. Visual Neuroscience, 2001, 18, 339-351.	0.5	21
48	Rod Electroretinograms Elicited by Silent Substitution Stimuli from the Light-Adapted Human Eye. Translational Vision Science and Technology, 2016, 5, 13.	1.1	21
49	Changes of Osteopontin in the Aqueous Humor of the DBA2/J Glaucoma Model Correlated with Optic Nerve and RGC Degenerations. , 2010, 51, 5759.		20
50	The Spatial Properties of L- and M-Cone Inputs to Electroretinograms That Reflect Different Types of Post-Receptoral Processing. PLoS ONE, 2015, 10, e0121218.	1.1	20
51	Functional protective effects of long-term memantine treatment in the DBA/2J mouse. Documenta Ophthalmologica, 2013, 126, 221-232.	1.0	19
52	Multifocal ERG Recordings Under Visual Control of the Stimulated Fundus in Mice. , 2013, 54, 2582.		19
53	Correlated and uncorrelated invisible temporal white noise alters mesopic rod signaling. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, A93.	0.8	19
54	Measuring Retinal Function in the Mouse. Methods in Molecular Biology, 2018, 1753, 27-40.	0.4	19

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55	Lateral interactions in the perception of flicker and in the physiology of the lateral geniculate nucleus. Journal of Vision, 2004, 4, 10.	0.1	18
56	Rod and S-cone driven ERG signals at high retinal illuminances. Documenta Ophthalmologica, 2009, 118, 205-216.	1.0	18
57	Photoreceptor topography and cone-specific electroretinograms. Visual Neuroscience, 2004, 21, 231-235.	0.5	17
58	Spatial receptive field properties of lateral geniculate cells in the owl monkey (Aotus azarae) at different contrasts: a comparative study. European Journal of Neuroscience, 2007, 26, 992-1006.	1.2	17
59	A new interpretation of components in the ERG signals to sine wave luminance stimuli at different temporal frequencies and contrasts. Visual Neuroscience, 2010, 27, 79-90.	0.5	17
60	Strain differences in illuminationâ€dependent structural changes at mouse photoreceptor ribbon synapses. Journal of Comparative Neurology, 2013, 521, 69-78.	0.9	17
61	Incremental and decremental L- and M-cone driven ERG responses: II Sawtooth stimulation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, A170.	0.8	17
62	A comparison of the suitability of cathode ray tube (CRT) and liquid crystal display (LCD) monitors as visual stimulators in mfERG diagnostics. Documenta Ophthalmologica, 2009, 118, 179-189.	1.0	16
63	Lâ€•and Mâ€cone input to 12Hz and 30Hz flicker ERGs across the human retina. Ophthalmic and Physiological Optics, 2010, 30, 503-510.	1.0	16
64	Temporal characteristics of L- and M-cone isolating steady-state electroretinograms. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, A113.	0.8	16
65	L- and M-cone driven ERGs are differently altered in Bestâ€™s macular dystrophy. Vision Research, 2000, 40, 3159-3168.	0.7	15
66	Incremental and decremental L- and M-cone-driven ERG responses: I Square-wave pulse stimulation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, A159.	0.8	15
67	Spatial properties of L- and M-cone driven incremental (On-) and decremental (Off-) electroretinograms: evidence for the involvement of multiple post-receptoral mechanisms. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, A1.	0.8	15
68	Comparative retinal physiology in anthropoids. Vision Research, 1998, 38, 3339-3344.	0.7	14
69	The photopic negative response of the blue-on-yellow flash-electroretinogram in glaucomas and normal subjects. Documenta Ophthalmologica, 2008, 117, 147-154.	1.0	14
70	Mesopic rod and S-cone interactions revealed by modulation thresholds. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, A19.	0.8	14
71	Perimetric Measurements With Flicker-Defined Form Stimulation in Comparison With Conventional Perimetry and Retinal Nerve Fiber Measurements. , 2014, 55, 2317.		14
72	A Temporal White Noise Analysis for Extracting the Impulse Response Function of the Human Electroretinogram. Translational Vision Science and Technology, 2017, 6, 1.	1.1	14

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73	Asymmetrical Functional Deficits of ON and OFF Retinal Processing in the mdx^{3Cv} Mouse Model of Duchenne Muscular Dystrophy. , 2016, 57, 5788.		13
74	A dim view of M-cone onsets. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, A207.	0.8	13
75	Developments in non-invasive visual electrophysiology. Vision Research, 2020, 174, 50-56.	0.7	13
76	Perifoveal L- and M-cone-driven temporal contrast sensitivities at different retinal illuminances. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 1989.	0.8	13
77	Macular Pigment Optical Density Measured by Heterochromatic Modulation Photometry. PLoS ONE, 2014, 9, e110521.	1.1	13
78	Large phase differences between L-cone- and M-cone-driven electroretinograms in retinitis pigmentosa. Investigative Ophthalmology and Visual Science, 2000, 41, 3225-33.	3.3	13
79	Spatial and temporal response properties of the major retino-geniculate pathways of Old and New World monkeys. Documenta Ophthalmologica, 1998, 95, 229-245.	1.0	12
80	Spectral sensitivities in dichromats and trichromats at mesopic retinal illuminances. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 1541.	0.8	12
81	Alterations of L- and M-cone driven ERGs in cone and coneâ€“rod dystrophies. Vision Research, 2003, 43, 2333-2344.	0.7	12
82	Comparative Anatomy and Physiology of the Primate Retina. , 2006, , 127-160.		12
83	Spatial distributions of on- and off-responses determined with the multifocal ERG. Documenta Ophthalmologica, 2010, 120, 145-158.	1.0	12
84	Heterochromatic Flicker Electroretinograms Reflecting Luminance and Cone Opponent Activity in Glaucoma Patients. , 2011, 52, 6757.		12
85	Comparison of frequency doubling and flicker defined form perimetry in early glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 937-946.	1.0	12
86	Diet enriched with the Amazon fruit aÃ§aÃ-(Euterpe oleracea) prevents electrophysiological deficits and oxidative stress induced by methyl-mercury in the rat retina. Nutritional Neuroscience, 2017, 20, 265-272.	1.5	12
87	Photoreceptor-specific light adaptation of critical flicker frequency in trichromat and dichromat observers. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B106.	0.8	12
88	The influence of stimulus size on heterochromatic modulation electroretinograms. Journal of Vision, 2016, 16, 13.	0.1	11
89	The melanopsin-directed white noise electroretinogram (wnERG). Vision Research, 2019, 164, 83-93.	0.7	11
90	The photopic negative response of the Light-adapted 3.0 ERG in clinical settings. Documenta Ophthalmologica, 2020, 140, 115-128.	1.0	11

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91	Mutation inBmpr1bLeads to Optic Disc Coloboma and Ventral Retinal Gliosis in Mice. , 2020, 61, 44.		11
92	L- and M-cone driven large-field and multifocal electroretinograms in sector retinitis pigmentosa. Documenta Ophthalmologica, 2003, 106, 171-181.	1.0	10
93	Horizontal cell morphology in nocturnal and diurnal primates: A comparison between owl-monkey (Aotus) and capuchin monkey (Cebus). Visual Neuroscience, 2005, 22, 405-415.	0.5	10
94	Objective perimetry using a four-channel multifocal VEP system: correlation with conventional perimetry and thickness of the retinal nerve fibre layer. British Journal of Ophthalmology, 2012, 96, 554-559.	2.1	10
95	Alouatta Trichromatic Color Vision: Cone Spectra and Physiological Responses Studied with Microspectrophotometry and Single Unit Retinal Electrophysiology. PLoS ONE, 2014, 9, e113321.	1.1	10
96	Rod- and cone-driven responses in mice expressing human L-cone pigment. Journal of Neurophysiology, 2015, 114, 2230-2241.	0.9	10
97	The morphology of human rod ERGs obtained by silent substitution stimulation. Documenta Ophthalmologica, 2017, 134, 11-24.	1.0	10
98	The BEACH Protein LRBA Promotes the Localization of the Heterotrimeric G-protein Golf to Olfactory Cilia. Scientific Reports, 2017, 7, 8409.	1.6	10
99	Mesopic and Photopic Rod and Cone Photoreceptor-Driven Visual Processes in Mice With Long-Wavelengthâ€“Shifted Cone Pigments. , 2017, 58, 5177.		10
100	L- and M-cone-driven electroretinograms in Stargardt's macular dystrophy-fundus flavimaculatus. Investigative Ophthalmology and Visual Science, 2001, 42, 1380-9.	3.3	10
101	Linking lateral interactions in flicker perception to lateral geniculate nucleus cell responses. Journal of Physiology, 2007, 581, 1083-1100.	1.3	9
102	The spatial extent of lateral interactions in flicker perception. Vision Research, 2007, 47, 16-21.	0.7	9
103	Changes in perceived temporal variation due to context: Contributions from two distinct neural mechanisms. Vision Research, 2011, 51, 1853-1860.	0.7	9
104	The influence of retinal illuminance on L- and M-cone driven electroretinograms. Visual Neuroscience, 2011, 28, 129-135.	0.5	9
105	Flicker-defined form perimetry in glaucoma patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 447-455.	1.0	9
106	Dystrophin Is Required for Proper Functioning of Luminance and Redâ€“Green Cone Opponent Mechanisms in the Human Retina. , 2016, 57, 3581.		9
107	New developments in non-invasive visual electrophysiology. Vision Research, 2020, 174, 77-78.	0.7	9
108	Rescue of Defective Electroretinographic Responses in Dp71-Null Mice With AAV-Mediated Reexpression of Dp71. , 2020, 61, 11.		9

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109	Genetic disruption of bassoon in two mutant mouse lines causes divergent retinal phenotypes. FASEB Journal, 2021, 35, e21520.	0.2	9
110	Rod-/L-cone and rod-/M-cone interactions in electroretinograms at different temporal frequencies. Visual Neuroscience, 2001, 18, 339-51.	0.5	9
111	The response of macaque ganglion cells and human observers to heterochromatically modulated lights: the effect of stimulus size. Vision Research, 1994, 34, 217-221.	0.7	8
112	Electrophysiological Studies on The Dynamics of Luminance Adaptation in the Mouse Retina. Vision (Switzerland), 2017, 1, 23.	0.5	8
113	Rod- versus cone-driven ERGs at different stimulus sizes in normal subjects and retinitis pigmentosa patients. Documenta Ophthalmologica, 2018, 136, 27-43.	1.0	8
114	Macular dystrophy with protan genotype and phenotype studied with cone type specific ERGs. Current Eye Research, 2001, 22, 221-228.	0.7	7
115	Human flicker electroretinography using different temporal modulations at mesopic and photopic luminance levels. Documenta Ophthalmologica, 2014, 129, 129-138.	1.0	7
116	Electroretinographical determination of human color vision type. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B92.	0.8	7
117	Photoreceptor-Specific Loss of Perifoveal Temporal Contrast Sensitivity in Retinitis Pigmentosa. Translational Vision Science and Technology, 2020, 9, 27.	1.1	7
118	Retinal disorders in northern Brazilian patients treated with chloroquine assessed by multifocal ERG. Documenta Ophthalmologica, 2011, 122, 77-86.	1.0	6
119	Pattern Electroretinograms During the Cold Pressor Test in Normals and Glaucoma Patients. , 2014, 55, 2173.		6
120	A method for estimating intrinsic noise in electroretinographic (ERG) signals. Documenta Ophthalmologica, 2015, 131, 85-94.	1.0	6
121	L-/M-cone opponency in visual evoked potentials of human cortex. Journal of Vision, 2017, 17, 20.	0.1	6
122	Novel truncating mutation in CACNA1F in a young male patient diagnosed with optic atrophy. Ophthalmic Genetics, 2018, 39, 741-748.	0.5	6
123	Lack of a Retinal Phenotype in a Syne-2/Nesprin-2 Knockout Mouse Model. Cells, 2019, 8, 1238.	1.8	6
124	In vivo electroretinographic differentiation of rod, short-wavelength and long/medium-wavelength cone responses in dogs using silent substitution stimuli. Experimental Eye Research, 2019, 185, 107673.	1.2	6
125	Mouse Cones Adapt Fast, Rods Slowly In Vivo. , 2019, 60, 2152.		6
126	Feasibility of intravitreal injections and ophthalmic safety assessment in marmoset (Callithrix) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.6	6

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127	Rod and L-cone interactions in a deuteranope at different temporal frequencies. Color Research and Application, 2001, 26, S76-S78.	0.8	5
128	Towards an electroretinographic assay for studying colour vision in human observers. Documenta Ophthalmologica, 2016, 133, 109-120.	1.0	5
129	Steady-state multifocal visual evoked potential (ssmfVEP) using dartboard stimulation as a possible tool for objective visual field assessment. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 259-268.	1.0	5
130	Human S-cone electroretinograms obtained by silent substitution stimulation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B11.	0.8	5
131	Absence of ocular interaction in flicker ERG responses reflecting cone opponent and luminance signals. Documenta Ophthalmologica, 2010, 121, 69-75.	1.0	4
132	Evidence for two types of lateral interactions in visual perception of temporal signals. Journal of Vision, 2014, 14, 10-10.	0.1	4
133	Evaluation of a 345 nm Femtosecond Laser for Corneal Surgery with Respect to Intraocular Radiation Hazard. PLoS ONE, 2015, 10, e0137638.	1.1	4
134	Electrodiagnosis of dichromacy. Vision Research, 2019, 158, 135-145.	0.7	4
135	Steady-State Visually Evoked Potentials Elicited by Multifrequency Pattern-Reversal Stimulation. Translational Vision Science and Technology, 2019, 8, 24.	1.1	4
136	Altered visual processing in the mdx52 mouse model of Duchenne muscular dystrophy. Neurobiology of Disease, 2021, 152, 105288.	2.1	4
137	Summation of Temporal L-Cone- and M-Cone-Contrast in the Magno- and Parvocellular Retino-Geniculate Systems in Glaucoma. , 2021, 62, 17.		4
138	25 Hz adaptation: Influence on recovery time in glaucoma. Ophthalmology Journal, 2016, 1, 1-9.	0.1	4
139	Perifoveal Cone- and Rod-Mediated Temporal Contrast Sensitivities in Stargardt Disease/Fundus Flavimaculatus. , 2021, 62, 24.		4
140	Progressive cone dystrophy with deutan genotype and phenotype. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 183-191.	1.0	3
141	Interactions between rod and L-cone signals in deuteranopes: Gains and phases. Visual Neuroscience, 2006, 23, 201-207.	0.5	3
142	Multifocal electroretinographical changes in monkeys with experimental ocular hypertension: a longitudinal study. Documenta Ophthalmologica, 2008, 117, 47-63.	1.0	3
143	Signal Pathways in the Electroretinogram. , 2011, , .		3
144	Frequency dependency of temporal contrast adaptation in normal subjects. Vision Research, 2011, 51, 1312-1317.	0.7	3

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145	The Retinal Processing of Photoreceptor Signals. , 2016, , 33-70.		3
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. International Journal of Molecular Sciences, 2020, 21, 7848.	1.8	3
147	Asymmetries in the contributions of On- and Off-mechanisms to the ERG signal.. Psychology and Neuroscience, 2013, 6, 179-190.	0.5	3
148	Temporal contrast sensitivity: A potential parameter for glaucoma progression, especially in advanced stages. Ophthalmology Journal, 2016, 1, 10-17.	0.1	3
149	Multifocal electroretinography after high dose chloroquine therapy for malaria. Journal of Ophthalmic and Vision Research, 2013, 8, 193-8.	0.7	3
150	Detecting color vision in a malingerer. Documenta Ophthalmologica, 2003, 106, 121-128.	1.0	2
151	Psychophysical Correlates of Identified Physiological Processes. , 2006, , 311-358.		2
152	Color Vision in Clinical Practice. , 2016, , 269-315.		2
153	The influence of temporal frequency and stimulus size on the relative contribution of luminance and L-/M-cone opponent mechanisms in heterochromatic flicker ERGs. Documenta Ophthalmologica, 2021, 143, 207-220.	1.0	2
154	Comparison of macaque and human L- and M-cone driven electroretinograms. Experimental Eye Research, 2021, 206, 108556.	1.2	2
155	4. Chromatic Processing in the Lateral Geniculate Nucleus of the Common Marmoset (Callithrix) Tj ETQq1 1 0.784314 rgBT /Overlock		2
156	Blueâ€“Yellow VEP with Projector-Stimulation in Glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, , 1.	1.0	2
157	Pathway-specific light adaptation in human electroretinograms. Journal of Vision, 2019, 19, 12.	0.1	1
158	High-frequency characteristics of L- and M-cone driven electroretinograms. Vision Research, 2019, 159, 35-41.	0.7	1
159	Relationship between stimulus size and different components of the electroretinogram (ERG) elicited by flashed stimuli. Documenta Ophthalmologica, 2021, 142, 213-231.	1.0	1
160	The spatial distribution of ERGs reflecting luminance and L-/M-cone-opponent signals. Documenta Ophthalmologica, 2021, 142, 329-342.	1.0	1
161	Correlations Between Dark-Adapted Rod Threshold Elevations and ERG Response Deficits in Duchenne Muscular Dystrophy. , 2021, 62, 29.		1
162	Cell Types and Synapses Expressing the SNARE Complex Regulating Proteins Complexin 1 and Complexin 2 in Mammalian Retina. International Journal of Molecular Sciences, 2021, 22, 8131.	1.8	1

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163	The Association Between Acquired Color Deficiency and PET Imaging of Neurodegeneration in Mild Cognitive Impairment and Alzheimer Disease. , 2022, 63, 20.		1
164	Guest Editorial: Proceedings of the 20th Biennial Symposium of the International Colour Vision Society July 2009, Braga, Portugal. Ophthalmic and Physiological Optics, 2010, 30, 419-420.	1.0	0
165	Feasibility of intravitreal injections and ophthalmic safety assessment in marmoset (Callithrix) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.4	0
166	Color Vision 2018: Introduction by the feature editors. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, CV1.	0.8	0
167	Pseudorandom full-field electroretinograms reflect different light adaptation mechanisms. Documenta Ophthalmologica, 2021, 143, 53-60.	1.0	0
168	Responses of Postreceptoral Pathways Elicited by L- and M-Cone Isolating ON- and OFF-Electroretinograms in Glaucoma Patients. , 2021, 62, 14.		0
169	Correlated and Uncorrelated Invisible Temporal White Noise Alters Mesopic Rod Signaling. Journal of Vision, 2016, 16, 45.	0.1	0
170	The Influence of Melanopsin Activation on the Cone-mediated Photopic White Noise Electroretinogram (wnERG) in Humans. , 2018, , .		0
171	Chromatic discrimination measures in mature observers depend on the response window. Scientific Reports, 2022, 12, .	1.6	0