

Laura J Frishman

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.

72
papers

3,452
citations

36
h-index

58
g-index

73
ext. papers

3,758
ext. citations

4.5
avg, IF

4.98
L-index

#	Paper	IF	Citations
72	ISCEV Standard for full-field clinical electroretinography (2022 update).. <i>Documenta Ophthalmologica</i> , 2022 , 1	2.2	13
71	Comparison of macaque and human L- and M-cone driven electroretinograms. <i>Experimental Eye Research</i> , 2021 , 206, 108556	3.7	0
70	Retinal ganglion cell ablation in guinea pigs. <i>Experimental Eye Research</i> , 2021 , 202, 108339	3.7	2
69	Visual function in guinea pigs: behavior and electrophysiology. <i>Australasian journal of optometry, The</i> , 2021 , 104, 523-531	2.7	
68	Multifocal visual evoked potentials and contrast sensitivity correlate with ganglion cell-inner plexiform layer thickness in multiple sclerosis. <i>Clinical Neurophysiology</i> , 2019 , 130, 180-188	4.3	4
67	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
66	Immunotoxin-Induced Ablation of the Intrinsically Photosensitive Retinal Ganglion Cells in Rhesus Monkeys. <i>Frontiers in Neurology</i> , 2018 , 9, 1000	4.1	10
65	ISCEV Standard for clinical electro-oculography (2017 update). <i>Documenta Ophthalmologica</i> , 2017 , 134, 1-9	2.2	72
64	Corrigendum to "The rod-driven a-wave of the dark-adapted mammalian electroretinogram" [Progress in Retinal and Eye Research, volume 39, March 2014, pages 1-22]. <i>Progress in Retinal and Eye Research</i> , 2017 , 59, 202	20.5	1
63	Critical Role of the CXCL10/C-X-C Chemokine Receptor 3 Axis in Promoting Leukocyte Recruitment and Neuronal Injury during Traumatic Optic Neuropathy Induced by Optic Nerve Crush. <i>American Journal of Pathology</i> , 2017 , 187, 352-365	5.8	19
62	Substituting mouse transcription factor Pou4f2 with a sea urchin orthologue restores retinal ganglion cell development. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283, 20152978	4.4	4
61	In vivo electroretinographic studies of the role of GABAC receptors in retinal signal processing. <i>Experimental Eye Research</i> , 2015 , 139, 48-63	3.7	10
60	Reproducibility of multifocal visual evoked potential and traditional visual evoked potential in normal and multiple sclerosis eyes. <i>Documenta Ophthalmologica</i> , 2015 , 130, 31-41	2.2	15
59	Tracking changes over time in retinal nerve fiber layer and ganglion cell-inner plexiform layer thickness in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 1331-41	5	69
58	The rod-driven a-wave of the dark-adapted mammalian electroretinogram. <i>Progress in Retinal and Eye Research</i> , 2014 , 39, 1-22	20.5	60
57	Relation between macular retinal ganglion cell/inner plexiform layer thickness and multifocal electroretinogram measures in experimental glaucoma 2014 , 55, 4512-24		23
56	Reprogramming amacrine and photoreceptor progenitors into retinal ganglion cells by replacing Neurod1 with Atoh7. <i>Development (Cambridge)</i> , 2013 , 140, 541-51	6.6	33

55	Electrogenesis of the Electroretinogram 2013 , 177-201		4
54	The photopic negative response of the flash electroretinogram in multiple sclerosis 2012 , 53, 1315-23		46
53	Rod vision is controlled by dopamine-dependent sensitization of rod bipolar cells by GABA. <i>Neuron</i> , 2011 , 72, 101-10	13.9	81
52	Loss of the low-frequency component of the global-flash multifocal electroretinogram in primate eyes with experimental glaucoma 2011 , 52, 3792-804		23
51	Electroretinogram of Human, Monkey and Mouse 2011 , 480-501		20
50	Histamine reduces flash sensitivity of on ganglion cells in the primate retina 2010 , 51, 3825-34		11
49	Comparison of multifocal visual evoked potential, standard automated perimetry and optical coherence tomography in assessing visual pathway in multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2010 , 16, 412-26	5	46
48	Phosducin regulates transmission at the photoreceptor-to-ON-bipolar cell synapse. <i>Journal of Neuroscience</i> , 2010 , 30, 3239-53	6.6	36
47	Genetic dissection of rod and cone pathways in the dark-adapted mouse retina. <i>Journal of Neurophysiology</i> , 2009 , 102, 1945-55	3.2	76
46	Assessing visual pathway function in multiple sclerosis patients with multifocal visual evoked potentials. <i>Multiple Sclerosis Journal</i> , 2009 , 15, 1431-41	5	32
45	The effect of eccentricity on the contrast response function of multifocal visual evoked potentials (mfVEPs). <i>Vision Research</i> , 2009 , 49, 1711-6	2.1	7
44	Intracellular delivery of proteins into mouse Müller glia cells in vitro and in vivo using Pep-1 transfection reagent. <i>Journal of Neuroscience Methods</i> , 2009 , 177, 403-19	3	11
43	Retinal pathway origins of the pattern ERG of the mouse. <i>Experimental Eye Research</i> , 2009 , 89, 49-62	3.7	59
42	Contribution of voltage-gated sodium channels to the b-wave of the mammalian flash electroretinogram. <i>Journal of Physiology</i> , 2008 , 586, 2551-80	3.9	56
41	Near complete loss of retinal ganglion cells in the math5/brn3b double knockout elicits severe reductions of other cell types during retinal development. <i>Developmental Biology</i> , 2008 , 316, 214-27	3.1	61
40	Postreceptoral contributions to the light-adapted ERG of mice lacking b-waves. <i>Experimental Eye Research</i> , 2008 , 86, 914-28	3.7	37
39	Subcellular compartmentalization of two calcium binding proteins, calretinin and calbindin-28 kDa, in ganglion and amacrine cells of the rat retina. <i>Molecular Vision</i> , 2008 , 14, 1600-13	2.3	35
38	Oscillatory potentials of the slow-sequence multifocal ERG in primates extracted using the Matching Pursuit method. <i>Vision Research</i> , 2007 , 47, 2021-36	2.1	31

37	Effects of Spectral Characteristics of Ganzfeld Stimuli on the Photopic Negative Response (PhNR) of the ERG. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4818-28		82
36	Repression of Six3 by a corepressor regulates rhodopsin expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13128-33	11.5	60
35	Test of the paired-flash electroretinographic method in mice lacking b-waves. <i>Visual Neuroscience</i> , 2007 , 24, 141-9	1.7	13
34	The relationship between visual field and retinal nerve fiber layer measurements in patients with multiple sclerosis. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 5798-805		83
33	Dopaminergic modulation of tracer coupling in a ganglion-amacrine cell network. <i>Visual Neuroscience</i> , 2007 , 24, 593-608	1.7	51
32	Voltage-gated sodium channel alpha-subunits Na(v)1.1, Na(v)1.2, and Na(v)1.6 in the distal mammalian retina. <i>Molecular Vision</i> , 2007 , 13, 2163-82	2.3	39
31	Effect of experimental glaucoma in primates on oscillatory potentials of the slow-sequence mfERG. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 753-67		58
30	Electrogenesis of the Electroretinogram 2006 , 103-135		2
29	Intrinsically photosensitive retinal ganglion cells detect light with a vitamin A-based photopigment, melanopsin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 10339-44	11.5	111
28	Ganglion cells are required for normal progenitor- cell proliferation but not cell-fate determination or patterning in the developing mouse retina. <i>Current Biology</i> , 2005 , 15, 525-30	6.3	62
27	Photopic ERGs in patients with optic neuropathies: comparison with primate ERGs after pharmacologic blockade of inner retina. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 3827-37		116
26	Effects of pirenzepine on pupil size and accommodation in rhesus monkeys. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 3620-8		17
25	Regulation of retinal cone bipolar cell differentiation and photopic vision by the CVC homeobox gene Vsx1. <i>Current Biology</i> , 2004 , 14, 530-6	6.3	84
24	Sampling and interpolation of the a-wave of the electroretinogram. <i>Documenta Ophthalmologica</i> , 2004 , 108, 171-9	2.2	8
23	Regional variations in local contributions to the primate photopic flash ERG: revealed using the slow-sequence mfERG. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 3233-47		80
22	Multiple effects of adenosine in the arterially perfused mammalian eye. Possible mechanisms for the neuroprotective function of adenosine in the retina. <i>Documenta Ophthalmologica</i> , 2003 , 106, 51-9	2.2	10
21	Differential distribution and developmental expression of synaptic vesicle protein 2 isoforms in the mouse retina. <i>Journal of Comparative Neurology</i> , 2003 , 460, 106-22	3.4	81
20	Expression of vesicular glutamate transporter 1 in the mouse retina reveals temporal ordering in development of rod vs. cone and ON vs. OFF circuits. <i>Journal of Comparative Neurology</i> , 2003 , 465, 480-98	3.4	154

19	Rod and cone contributions to the a-wave of the electroretinogram of the macaque. <i>Journal of Physiology</i> , 2003 , 547, 509-30	3.9	124
18	Differential distribution of vesicle associated membrane protein isoforms in the mouse retina. <i>Molecular Vision</i> , 2003 , 9, 673-88	2.3	33
17	Visual field defects and neural losses from experimental glaucoma. <i>Progress in Retinal and Eye Research</i> , 2002 , 21, 91-125	20.5	138
16	The scotopic threshold response of the dark-adapted electroretinogram of the mouse. <i>Journal of Physiology</i> , 2002 , 543, 899-916	3.9	211
15	Inner-retinal contributions to the photopic sinusoidal flicker electroretinogram of macaques. Macaque photopic sinusoidal flicker ERG. <i>Documenta Ophthalmologica</i> , 2002 , 105, 223-42	2.2	41
14	Retinal origins of the primate multifocal ERG: implications for the human response. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1673-85		203
13	The optic nerve head component of the monkey (Macaca mulatta) multifocal electroretinogram (mERG). <i>Vision Research</i> , 2001 , 41, 2029-41	2.1	51
12	Effects of experimental glaucoma in macaques on the multifocal ERG. Multifocal ERG in laser-induced glaucoma. <i>Documenta Ophthalmologica</i> , 2000 , 100, 231-51	2.2	53
11	Dynamic random noise shrinks the twinkling aftereffect induced by artificial scotomas. <i>Vision Research</i> , 2000 , 40, 805-16	2.1	9
10	Identifying inner retinal contributions to the human multifocal ERG. <i>Vision Research</i> , 1999 , 39, 2285-91	2.1	91
9	The precision of velocity discrimination across spatial frequency. <i>Perception & Psychophysics</i> , 1998 , 60, 1329-36		13
8	Dissecting the dark-adapted electroretinogram. <i>Documenta Ophthalmologica</i> , 1998 , 95, 187-215	2.2	158
7	Stimulus uncertainty affects velocity discrimination. <i>Vision Research</i> , 1998 , 38, 1265-72	2.1	9
6	Temporal-contrast discrimination and its neural correlates. <i>Perception</i> , 1996 , 25, 505-22	1.2	9
5	Evidence for two sites of adaptation affecting the dark-adapted ERG of cats and primates. <i>Vision Research</i> , 1995 , 35, 435-42	2.1	41
4	Chapter 6 Negative components of the electroretinogram from proximal retina and photoreceptor. <i>Progress in Retinal and Eye Research</i> , 1991 , 10, 121-160		31
3	Contributions to the electroretinogram of currents originating in proximal retina. <i>Visual Neuroscience</i> , 1988 , 1, 307-15	1.7	36
2	Interactions between the rod and the cone pathways in the cat retina. <i>Vision Research</i> , 1987 , 27, 1093-1041		12

1 Cone contribution to the cat early receptor potential. *Vision Research*, **1975**, 15, 873-4

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