

Laura J Frishman

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4419465/laura-j-frishman-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	The scotopic threshold response of the dark-adapted electroretinogram of the mouse. <i>Journal of Physiology</i> , 2002 , 543, 899-916	3.9	211
71	Retinal origins of the primate multifocal ERG: implications for the human response. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1673-85		203
70	Dissecting the dark-adapted electroretinogram. <i>Documenta Ophthalmologica</i> , 1998 , 95, 187-215	2.2	158
69	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 ⁴	3.4	154
68	Visual field defects and neural losses from experimental glaucoma. <i>Progress in Retinal and Eye Research</i> , 2002 , 21, 91-125	20.5	138
67	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
66	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
65	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
64	Identifying inner retinal contributions to the human multifocal ERG. <i>Vision Research</i> , 1999 , 39, 2285-91	2.1	91
63	Regulation of retinal cone bipolar cell differentiation and photopic vision by the CVC homeobox gene <i>Vsx1</i> . <i>Current Biology</i> , 2004 , 14, 530-6	6.3	84
62	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
61	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
60	Rod vision is controlled by dopamine-dependent sensitization of rod bipolar cells by GABA. <i>Neuron</i> , 2011 , 72, 101-10	13.9	81
59	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
58	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
57	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
56	ISCEV Standard for clinical electro-oculography (2017 update). <i>Documenta Ophthalmologica</i> , 2017 , 134, 1-9	2.2	72

55	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
54	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
53	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
52	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
51	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
50	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
49	Retinal pathway origins of the pattern ERG of the mouse. <i>Experimental Eye Research</i> , 2009 , 89, 49-62	3.7	59
48	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
47	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
46	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
45	Dopaminergic modulation of tracer coupling in a ganglion-amacrine cell network. <i>Visual Neuroscience</i> , 2007 , 24, 593-608	1.7	51
44	The optic nerve head component of the monkey (Macaca mulatta) multifocal electroretinogram (mERG). <i>Vision Research</i> , 2001 , 41, 2029-41	2.1	51
43	The photopic negative response of the flash electroretinogram in multiple sclerosis 2012 , 53, 1315-23		46
42	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
41	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
40	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
39	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
38	Postreceptoral contributions to the light-adapted ERG of mice lacking b-waves. <i>Experimental Eye Research</i> , 2008 , 86, 914-28	3.7	37

37	Phosducin regulates transmission at the photoreceptor-to-ON-bipolar cell synapse. <i>Journal of Neuroscience</i> , 2010 , 30, 3239-53	6.6	36
36	Contributions to the electroretinogram of currents originating in proximal retina. <i>Visual Neuroscience</i> , 1988 , 1, 307-15	1.7	36
35	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
34	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
33	Differential distribution of vesicle associated membrane protein isoforms in the mouse retina. <i>Molecular Vision</i> , 2003 , 9, 673-88	2.3	33
32	Assessing visual pathway function in multiple sclerosis patients with multifocal visual evoked potentials. <i>Multiple Sclerosis Journal</i> , 2009 , 15, 1431-41	5	32
31	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
30	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
29	Relation between macular retinal ganglion cell/inner plexiform layer thickness and multifocal electroretinogram measures in experimental glaucoma 2014 , 55, 4512-24		23
28	Loss of the low-frequency component of the global-flash multifocal electroretinogram in primate eyes with experimental glaucoma 2011 , 52, 3792-804		23
27	Electroretinogram of Human, Monkey and Mouse 2011 , 480-501		20
26	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
25	Effects of pirenzepine on pupil size and accommodation in rhesus monkeys. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 3620-8		17
24	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
23	The precision of velocity discrimination across spatial frequency. <i>Perception & Psychophysics</i> , 1998 , 60, 1329-36		13
22	Test of the paired-flash electroretinographic method in mice lacking b-waves. <i>Visual Neuroscience</i> , 2007 , 24, 141-9	1.7	13
21	ISCEV Standard for full-field clinical electroretinography (2022 update).. <i>Documenta Ophthalmologica</i> , 2022 , 1	2.2	13
20	Interactions between the rod and the cone pathways in the cat retina. <i>Vision Research</i> , 1987 , 27, 1093-1041		12

19	Histamine reduces flash sensitivity of on ganglion cells in the primate retina 2010 , 51, 3825-34		11
18	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
17	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
16	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
15	Immunotoxin-Induced Ablation of the Intrinsically Photosensitive Retinal Ganglion Cells in Rhesus Monkeys. <i>Frontiers in Neurology</i> , 2018 , 9, 1000	4.1	10
14	Stimulus uncertainty affects velocity discrimination. <i>Vision Research</i> , 1998 , 38, 1265-72	2.1	9
13	Dynamic random noise shrinks the twinkling aftereffect induced by artificial scotomas. <i>Vision Research</i> , 2000 , 40, 805-16	2.1	9
12	Temporal-contrast discrimination and its neural correlates. <i>Perception</i> , 1996 , 25, 505-22	1.2	9
11	Sampling and interpolation of the a-wave of the electroretinogram. <i>Documenta Ophthalmologica</i> , 2004 , 108, 171-9	2.2	8
10	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
9	Electrogenesis of the Electroretinogram 2013 , 177-201		4
8	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
7	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
6	Cone contribution to the cat early receptor potential. <i>Vision Research</i> , 1975 , 15, 873-4	2.1	2
5	Electrogenesis of the Electroretinogram 2006 , 103-135		2
4	Retinal ganglion cell ablation in guinea pigs. <i>Experimental Eye Research</i> , 2021 , 202, 108339	3.7	2
3	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
2	Comparison of macaque and human L- and M-cone driven electroretinograms. <i>Experimental Eye Research</i> , 2021 , 206, 108556	3.7	0

- 1 Visual function in guinea pigs: behavior and electrophysiology. *Australasian journal of optometry, The*, **2021**, 104, 523-531

2.7