J Jason Mcanany

List of Publications by Year
in descending order

68	1,188	516710 16	501196 28
papers	citations	h-index	g-index

68	68	68	1289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The relative capabilities of the upper and lower visual hemifields. Vision Research, 2005, 45, 2820-2830.	1.4	135
2	ISCEV extended protocol for the photopic negative response (PhNR) of the full-field electroretinogram. Documenta Ophthalmologica, 2018, 136, 207-211.	2.2	114
3	Pupillary responses in non-proliferative diabetic retinopathy. Scientific Reports, 2017, 7, 44987.	3.3	50
4	Effect of stimulus size and luminance on the rod-, cone-, and melanopsin-mediated pupillary light reflex. Journal of Vision, 2015, 15, 13.	0.3	41
5	Cone Photoreceptor Dysfunction in Early-Stage Diabetic Retinopathy: Association Between the Activation Phase of Cone Phototransduction and the Flicker Electroretinogram. , 2019, 60, 64.		39
6	Magnocellular and parvocellular visual pathway contributions to visual field anisotropies. Vision Research, 2007, 47, 2327-2336.	1.4	36
7	iPhone-based Pupillometry: A Novel Approach for Assessing the Pupillary Light Reflex. Optometry and Vision Science, 2018, 95, 953-958.	1.2	35
8	Contrast sensitivity for letter optotypes vs. gratings under conditions biased toward parvocellular and magnocellular pathways. Vision Research, 2006, 46, 1574-1584.	1.4	34
9	Extracellular superoxide dismutase (SOD3) regulates oxidative stress at the vitreoretinal interface. Free Radical Biology and Medicine, 2018, 124, 408-419.	2.9	32
10	The Photopic Negative Response in Idiopathic Intracranial Hypertension. , 2015, 56, 3709.		30
11	Intersession Repeatability of Humphrey Perimetry Measurements in Patients with Retinitis Pigmentosa. , 2007, 48, 4720.		29
12	Clinical electroretinography in diabetic retinopathy: a review. Survey of Ophthalmology, 2022, 67, 712-722.	4.0	27
13	Efficacy of topical dorzolamide for treatment of cystic macular lesions in a patient with enhanced S-cone syndrome. Documenta Ophthalmologica, 2010, 121, 231-240.	2.2	25
14	Structural and Functional Abnormalities in Early-stage Diabetic Retinopathy. Current Eye Research, 2020, 45, 975-985.	1.5	22
15	The Pupillary Light Reflex in Idiopathic Intracranial Hypertension. , 2016, 57, 23-9.		22
16	Temporal Frequency Abnormalities in Early-Stage Diabetic Retinopathy Assessed by Electroretinography. , 2018, 59, 4871.		21
17	AMPLITUDE LOSS OF THE HIGH-FREQUENCY FLICKER ELECTRORETINOGRAM IN EARLY DIABETIC RETINOPATHY. Retina, 2019, 39, 2032-2039.	1.7	21
18	Spatial contrast sensitivity in dynamic and static additive luminance noise. Vision Research, 2010, 50, 1957-1965.	1.4	20

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19	Objective Analysis of Hyperreflective Outer Retinal Bands Imaged by Optical Coherence Tomography in Patients With Stargardt Disease. , 2015, 56, 4662.		20
20	Contrast sensitivity is associated with outerâ€retina thickness in earlyâ€stage diabetic retinopathy. Acta Ophthalmologica, 2020, 98, e224-e231.	1.1	18
21	The blanking phenomenon: a novel form of visual disappearance. Vision Research, 2004, 44, 993-1001.	1.4	17
22	Spatial frequencies used in Landolt C orientation judgments: Relation to inferred magnocellular and parvocellular pathways. Vision Research, 2008, 48, 2615-2624.	1.4	17
23	Rod and cone contributions to the dark-adapted 15-Hz flicker electroretinogram. Documenta Ophthalmologica, 2015, 130, 111-119.	2.2	17
24	Comparison of photopic negative response measurements in the time and timeâ€“frequency domains. Documenta Ophthalmologica, 2016, 133, 91-98.	2.2	17
25	Two-color pupillometry in enhanced S-cone syndrome caused by NR2E3 mutations. Documenta Ophthalmologica, 2016, 132, 157-166.	2.2	16
26	Reduced Contrast Sensitivity is Associated With Elevated Equivalent Intrinsic Noise in Type 2 Diabetics Who Have Mild or No Retinopathy. , 2018, 59, 2652.		16
27	Electroretinography in idiopathic intracranial hypertension: comparison of the pattern ERG and the photopic negative response. Documenta Ophthalmologica, 2018, 136, 45-55.	2.2	15
28	Non-linearities in the Rod and Cone Photoreceptor Inputs to the Afferent Pupil Light Response. Frontiers in Neurology, 2018, 9, 1140.	2.4	15
29	CLINICAL CHARACTERIZATION OF STARGARDT DISEASE PATIENTS WITH THE p.N1868I ABCA4 MUTATION. Retina, 2019, 39, 2311-2325.	1.7	15
30	Relationship between Intrinsically Photosensitive Ganglion Cell Function and Circadian Regulation in Diabetic Retinopathy. Scientific Reports, 2020, 10, 1560.	3.3	15
31	The Effects of Curvature on the Grid Illusions. Perception, 2008, 37, 171-184.	1.2	14
32	Is there an omitted stimulus response in the human cone flicker electroretinogram?. Visual Neuroscience, 2009, 26, 189-194.	1.0	14
33	Object Frequency Characteristics of Visual Acuity. , 2011, 52, 9534.		14
34	Comparison of spectral measures of period doubling in the cone flicker electroretinogram. Documenta Ophthalmologica, 2008, 117, 197-203.	2.2	13
35	Association between Visual Acuity and Retinal Layer Metrics in Diabetics with and without Macular Edema. Journal of Ophthalmology, 2018, 2018, 1-8.	1.3	13
36	Equivalent Intrinsic Noise, Sampling Efficiency, and Contrast Sensitivity in Patients With Retinitis Pigmentosa. , 2013, 54, 3857.		12

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37	Determinants of Contrast Sensitivity for the Tumbling E and Landolt C. Optometry and Vision Science, 2010, 87, 28-36.	1.2	11
38	Changes in the harmonic components of the flicker electroretinogram during light adaptation. Documenta Ophthalmologica, 2014, 129, 1-8.	2.2	11
39	Characteristic Ocular Features in Cases of Autosomal Recessive PROM1 Cone-Rod Dystrophy. , 2019, 60, 2347.		11
40	Electrophysiological and pupillometric measures of inner retina function in nonproliferative diabetic retinopathy. Documenta Ophthalmologica, 2019, 139, 99-111.	2.2	11
41	VISUAL IMPAIRMENT IN RETINITIS PIGMENTOSA. Retina, 2020, 40, 1630-1633.	1.7	11
42	The effect of exposure duration on visual acuity for letter optotypes and gratings. Vision Research, 2014, 105, 86-91.	1.4	9
43	Rod pathway and cone pathway retinal dysfunction in the 5xFAD mouse model of Alzheimerâ€™s disease. Scientific Reports, 2021, 11, 4824.	3.3	9
44	Contributions of Optical and Non-Optical Blur to Variation in Visual Acuity. Optometry and Vision Science, 2011, 88, 716-723.	1.2	8
45	Effect of luminance noise on the object frequencies mediating letter identification. Frontiers in Psychology, 2014, 5, 663.	2.1	8
46	Nonlinearities in the flicker electroretinogram: A tool for studying retinal dysfunction applied to early-stage diabetic retinopathy. Vision Research, 2019, 161, 1-11.	1.4	7
47	Two-color pupillometry in KCNV2 retinopathy. Documenta Ophthalmologica, 2019, 139, 11-20.	2.2	7
48	A psychoanatomical investigation of the blanking phenomenon. Vision Research, 2005, 45, 193-203.	1.4	6
49	Contrast thresholds in additive luminance noise: Effect of noise temporal characteristics. Vision Research, 2009, 49, 1389-1396.	1.4	6
50	Retinal Nerve Fiber Thickness Measurements In Choroideremia Patients With Spectral-Domain Optical Coherence Tomography. Ophthalmic Genetics, 2011, 32, 101-106.	1.2	6
51	Electroretinographic Findings in a Patient with Congenital Stationary Night Blindness Due to a NovelNYXMutation. Ophthalmic Genetics, 2013, 34, 167-173.	1.2	6
52	M&S Smart System Contrast Sensitivity Measurements Compared With Standard Visual Function Measurements in Primary Open-Angle Glaucoma Patients. Journal of Glaucoma, 2017, 26, 528-533.	1.6	6
53	Electrophysiological measures of dysfunction in early-stage diabetic retinopathy: No correlation between cone phototransduction and oscillatory potential abnormalities. Documenta Ophthalmologica, 2020, 140, 31-42.	2.2	6
54	Rod- and cone-isolated flicker electroretinograms and their response summation characteristics. Visual Neuroscience, 2015, 32, E018.	1.0	5

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55	Individual Letter Contrast Thresholds. Optometry and Vision Science, 2015, 92, 1125-1132.	1.2	4
56	Abnormal 8-Hz flicker electroretinograms in carriers of X-linked retinoschisis. Documenta Ophthalmologica, 2016, 133, 61-70.	2.2	4
57	Luminance noise as a novel approach for measuring contrast sensitivity within the magnocellular and parvocellular pathways. Journal of Vision, 2017, 17, 5.	0.3	4
58	Intraocular Light Scatter in Eyes With the Boston Type 1 Keratoprosthesis. Cornea, 2019, 38, 50-53.	1.7	4
59	Contrast Sensitivity and Equivalent Intrinsic Noise in X-Linked Retinoschisis. Translational Vision Science and Technology, 2022, 11, 7.	2.2	4
60	Luminance Thresholds and Their Correlation With Retinal Structure in X-Linked Retinoschisis. , 2021, 62, 25.		3
61	Effect of Pharmacological Pupil Dilation on Dark-Adapted Perimetric Sensitivity in Healthy Subjects Using an Octopus 900 Perimeter. Translational Vision Science and Technology, 2021, 10, 18.	2.2	3
62	Three Dimensional Stimulus Source for Pattern Electroretinography in Mid- and Far-peripheral Retina. Translational Vision Science and Technology, 2018, 7, 8.	2.2	2
63	Effects of Orientation and Contrast upon Targets in Straight and Curved Arrays. Perception, 2012, 41, 1419-1433.	1.2	1
64	Poststimulus response characteristics of the human cone flicker electroretinogram. Visual Neuroscience, 2013, 30, 147-152.	1.0	1
65	Neural Constraints on Visual Acuity in Proliferative Diabetic Retinopathy. Optometry and Vision Science, 2014, 91, 194-199.	1.2	1
66	Effects of Optical Blur Reduction on Equivalent Intrinsic Blur. Optometry and Vision Science, 2015, 92, 494-499.	1.2	1
67	Electrophysiological and Pupillometric Abnormalities in PROM1 Coneâ€“Rod Dystrophy. Translational Vision Science and Technology, 2020, 9, 26.	2.2	1
68	Temporal characteristics of luminance noise affect the pathway mediating contrast sensitivity. Journal of Vision, 2016, 16, 879.	0.3	0