Algis Jonas Vingrys

List of Publications by Year
in descending order

212	6,977	71102	114465
papers	citations	41 h-index	63 g-index

214	214	214	5406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient and unbiased modifications of the QUEST threshold method: Theory, simulations, experimental evaluation and practical implementation. Vision Research, 1994, 34, 885-912.	1.4	377
2	Rodent electroretinography: Methods for extraction and interpretation of rod and cone responses. Progress in Retinal and Eye Research, 2008, 27, 1-44.	15.5	183
3	The Eye As a Biomarker for Alzheimer's Disease. Frontiers in Neuroscience, 2016, 10, 536.	2.8	172
4	Perinatal omega-3 fatty acid deficiency affects blood pressure later in life. Nature Medicine, 2001, 7, 258-259.	30.7	135
5	Paired-Flash Identification of Rod and Cone Dysfunction in the Diabetic Rat. , 2004, 45, 4592.		134
6	A quantitative scoring technique for panel tests of color vision. Investigative Ophthalmology and Visual Science, 1988, 29, 50-63.	3.3	131
7	A Randomized, Double-Masked, Placebo-Controlled Clinical Trial of Two Forms of Omega-3 Supplements for Treating Dry Eye Disease. Ophthalmology, 2017, 124, 43-52.	5.2	120
8	Properties of Perimetric Threshold Estimates from Full Threshold, ZEST, and SITA-like Strategies, as Determined by Computer Simulation. , 2003, 44, 4787.		118
9	The effects of dietary Î±â€linolenic acid compared with docosahexaenoic acid on brain, retina, liver, and heart in the guinea pig. Lipids, 1999, 34, 475-482.	1.7	114
10	The role of blood pressure in glaucoma. Australasian journal of optometry, The, 2011, 94, 133-149.	1.3	113
11	Visual Function Tests as Potential Biomarkers in Age-Related Macular Degeneration. , 2011, 52, 9457.		106
12	Early Inner Retinal Dysfunction in Streptozotocin-Induced Diabetic Rats. , 2008, 49, 3595.		102
13	Measuring Rod and Cone Dynamics in Age-Related Maculopathy. , 2008, 49, 55.		99
14	The effect of docosahexaenoic acid on the electroretinogram of the guinea pig. Lipids, 1996, 31, 65-70.	1.7	96
15	Increased blood pressure later in life may be associated with perinatal nâ^'3 fatty acid deficiency. Lipids, 2003, 38, 459-464.	1.7	90
16	AT₁ receptor inhibition prevents astrocyte degeneration and restores vascular growth in oxygenâ€induced retinopathy. Glia, 2008, 56, 1076-1090.	4.9	88
17	Loss of Cone Function in Age-Related Maculopathy. , 2003, 44, 2277.		86
18	The duration of normal visual exposure necessary to prevent form deprivation myopia in chicks. Vision Research, 1995, 35, 1337-1344.	1.4	81

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19	The Rate of Functional Recovery from Acute IOP Elevation. , 2006, 47, 4872.		78
20	A Comparison of Perimetric Results from a Tablet Perimeter and Humphrey Field Analyzer in Glaucoma Patients. Translational Vision Science and Technology, 2016, 5, 2.	2.2	77
21	ACE inhibition salvages the visual loss caused by diabetes. Diabetologia, 2003, 46, 401-408.	6.3	71
22	Dietary Omega 3 Fatty Acids Decrease Intraocular Pressure with Age by Increasing Aqueous Outflow. , 2007, 48, 756.		71
23	Functional Changes in the Retina during and after Acute Intraocular Pressure Elevation in Mice. , 2009, 50, 5732.		71
24	Evidence for the involvement of purinergic P2X7receptors in outer retinal processing. European Journal of Neuroscience, 2006, 24, 7-19.	2.6	67
25	Impact of aging and diet restriction on retinal function during and after acute intraocular pressure injury. Neurobiology of Aging, 2012, 33, 1126.e15-1126.e25.	3.1	66
26	Nanosecondâ€laser application in intermediate <scp>AMD</scp>: 12â€month results of fundus appearance and macular function. Clinical and Experimental Ophthalmology, 2014, 42, 466-479.	2.6	66
27	Effect of Dietary n-3 Deficiency on the Electroretinogram in the Guinea Pig. Annals of Nutrition and Metabolism, 1996, 40, 91-98.	1.9	64
28	Rod Photoreceptor Dysfunction in Diabetes: Activation, Deactivation, and Dark Adaptation. , 2006, 47, 3187.		64
29	Effects of dietary n-3 fatty acid deficiency and repletion in the guinea pig retina. Investigative Ophthalmology and Visual Science, 1999, 40, 327-38.	3.3	63
30	Flicker Perimetry Losses in Age-Related Macular Degeneration. , 2004, 45, 3355.		62
31	Tear Interferon-Gamma as a Biomarker for Evaporative Dry Eye Disease. , 2016, 57, 4824.		61
32	Validation of a Tablet as a Tangent Perimeter. Translational Vision Science and Technology, 2016, 5, 3.	2.2	61
33	Six-month Longitudinal Comparison of a Portable Tablet Perimeter With the Humphrey Field Analyzer. American Journal of Ophthalmology, 2018, 190, 9-16.	3.3	61
34	Functional and neurochemical development in the normal and degenerating mouse retina. Journal of Comparative Neurology, 2013, 521, 1251-1267.	1.6	60
35	Neuronal and glial cell changes are determined by retinal vascularization in retinopathy of prematurity. Journal of Comparative Neurology, 2007, 504, 404-417.	1.6	57
36	Neuronal and glial cell expression of angiotensin II type 1 (AT1) and type 2 (AT2) receptors in the rat retina. Neuroscience, 2009, 161, 195-213.	2.3	56

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37	The Effect of an Interrupted Daily Period of Normal Visual Stimulation on Form Deprivation Myopia in Chicks. Vision Research, 1997, 37, 1557-1564.	1.4	55
38	Glutamate metabolic pathways and retinal function. Journal of Neurochemistry, 2009, 111, 589-599.	3.9	55
39	Can Home Monitoring Allow Earlier Detection of Rapid Visual Field Progression in Glaucoma?. Ophthalmology, 2017, 124, 1735-1742.	5.2	55
40	Clinical and experimental links between diabetes and glaucoma. Australasian journal of optometry, The, 2011, 94, 4-23.	1.3	54
41	Detection and discrimination of moving stimuli: the effects of color, luminance, and eccentricity. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1994, 11, 1697.	1.5	53
42	The contribution of cone responses to rat electroretinograms. Clinical and Experimental Ophthalmology, 2001, 29, 193-196.	2.6	53
43	The significance of neuronal and glial cell changes in the rat retina during oxygen-induced retinopathy. Documenta Ophthalmologica, 2010, 120, 67-86.	2.2	53
44	Manganese-Enhanced MRI Studies of Alterations of Intraretinal Ion Demand in Models of Ocular Injury. , 2007, 48, 3796.		52
45	Blood Pressure Modifies Retinal Susceptibility to Intraocular Pressure Elevation. PLoS ONE, 2012, 7, e31104.	2.5	52
46	Calibration of a color monitor for visual psychophysics. Behavior Research Methods, 1993, 25, 371-383.	1.3	51
47	Eye Movements During Perimetry and the Effect that Fixational Instability Has on Perimetric Outcomes. Journal of Glaucoma, 1994, 3, 28???35.	1.6	51
48	Relationship between Clinical Macular Changes and Retinal Function in Age-Related Macular Degeneration. , 2012, 53, 5213.		50
49	An Evidence-Based Analysis of Australian Optometristsâ€™ Dry Eye Practices. Optometry and Vision Science, 2013, 90, 1385-1395.	1.2	48
50	Visual Losses in Early Age-Related Maculopathy. Optometry and Vision Science, 1993, 70, 89-96.	1.2	45
51	Investigating structural and biochemical correlates of ganglion cell dysfunction in streptozotocin-induced diabetic rats. Experimental Eye Research, 2009, 88, 1076-1083.	2.6	45
52	Small samples: does size matter?. Investigative Ophthalmology and Visual Science, 2001, 42, 1411-3.	3.3	45
53	Extraction and modelling of oscillatory potentials. Documenta Ophthalmologica, 2002, 104, 17-36.	2.2	44
54	Angiotensin typeâ€1 receptor inhibition is neuroprotective to amacrine cells in a rat model of retinopathy of prematurity. Journal of Comparative Neurology, 2010, 518, 41-63.	1.6	44

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55	A New Look at Threshold Estimation Algorithms for Automated Static Perimetry. Optometry and Vision Science, 1999, 76, 588-595.	1.2	43
56	Dietary Omega-3 Fatty Acids and Ganglion Cell Function. , 2008, 49, 3586.		43
57	Altered Visual Sensitivity in Axial High Myopia: A Local Postreceptoral Phenomenon?. , 2006, 47, 3695.		42
58	Alterations in photoreceptorâ€bipolar cell signaling following ischemia/reperfusion in the rat retina. Journal of Comparative Neurology, 2007, 505, 131-146.	1.6	42
59	Are colour vision standards justified for the transport industry?. Ophthalmic and Physiological Optics, 1988, 8, 257-274.	2.0	41
60	The effect of intraocular and intracranial pressure on retinal structure and function in rats. Physiological Reports, 2015, 3, e12507.	1.7	41
61	Omega 6 to omega 3 fatty acid imbalance early in life leads to persistent reductions in DHA levels in glycerophospholipids in rat hypothalamus even after long-term omega 3 fatty acid repletion. Prostaglandins Leukotrienes and Essential Fatty Acids, 2006, 74, 391-399.	2.2	40
62	Increase in mitochondrial DNA mutations impairs retinal function and renders the retina vulnerable to injury. Aging Cell, 2011, 10, 572-583.	6.7	40
63	Retinal Function Loss after Monocarboxylate Transport Inhibition. , 2004, 45, 584.		39
64	Metabolic and functional profiling of the ischemic/reperfused rat retina. Journal of Comparative Neurology, 2007, 505, 114-130.	1.6	39
65	Characterization of the Circumlimbal Suture Model of Chronic IOP Elevation in Mice and Assessment of Changes in Gene Expression of Stretch Sensitive Channels. Frontiers in Neuroscience, 2017, 11, 41.	2.8	39
66	Quantitative Scoring Methods for D15 Panel Tests in the Diagnosis of Congenital Color Vision Deficiencies. Optometry and Vision Science, 1991, 68, 41-48.	1.2	38
67	ORIGINS OF COLOUR VISION STANDARDS WITHIN THE TRANSPORT INDUSTRY. Ophthalmic and Physiological Optics, 1986, 6, 369.	2.0	37
68	Daily vision testing can expose the prodromal phase of migraine. Cephalalgia, 2018, 38, 1575-1584.	3.9	37
69	A Role for Omega-3 Polyunsaturated Fatty Acid Supplements in Diabetic Neuropathy. , 2010, 51, 1755.		36
70	Chronic Ocular Hypertension Induced by Circumlimbal Suture in Rats. , 2015, 56, 2811.		36
71	Dietary manipulation of long-chain polyunsaturated fatty acids in the retina and brain of guinea pigs. Lipids, 1995, 30, 471-473.	1.7	34
72	Cathode-ray-tube monitor artefacts in neurophysiology. Journal of Neuroscience Methods, 2005, 141, 1-7.	2.5	34

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73	Retinal biomarkers provide â€œinsightâ€•into cortical pharmacology and disease. , 2017, 175, 151-177.		34
74	The effect of a moderate level of hypoxia on human color vision. Documenta Ophthalmologica, 1987, 66, 171-185.	2.2	33
75	Comparison of red-green, blue-yellow and achromatic losses in glaucoma. Vision Research, 1997, 37, 2295-2301.	1.4	33
76	Interactions between flicker thresholds and luminance pedestals. Vision Research, 2000, 40, 2579-2588.	1.4	33
77	The Contribution of Glycolytic and Oxidative Pathways to Retinal Photoreceptor Function. , 2003, 44, 2708.		32
78	Effect of Repeated IOP Challenge on Rat Retinal Function. , 2008, 49, 3026.		32
79	Retinal Functional and Structural Changes in the 5xFAD Mouse Model of Alzheimerâ€™s Disease. Frontiers in Neuroscience, 2020, 14, 862.	2.8	32
80	Role of Flicker Perimetry in Predicting Onset of Late-Stage Age-Related Macular Degeneration. JAMA Ophthalmology, 2012, 130, 690-9.	2.4	31
81	Modulating Contact Lens Discomfort With Anti-Inflammatory Approaches: A Randomized Controlled Trial. , 2018, 59, 3755.		31
82	Comparing selfâ€•reported optometric dry eye clinical practices in Australia and the United Kingdom: is there scope for practice improvement?. Ophthalmic and Physiological Optics, 2016, 36, 140-151.	2.0	30
83	Visual thresholds measured with color video monitors. Color Research and Application, 1987, 12, 73-80.	1.6	29
84	Benefit of coloured lenses for age-related macular degeneration. Ophthalmic and Physiological Optics, 2002, 22, 300-311.	2.0	29
85	Development of receptoral responses in pigmented and albino guinea-pigs (Cavia porcellus). , 1999, 99, 151-170.		28
86	Tear film inflammatory cytokine upregulation in contact lens discomfort. Ocular Surface, 2019, 17, 89-97.	4.4	28
87	Multiple processes mediate flicker sensitivity. Vision Research, 2001, 41, 2449-2455.	1.4	27
88	Wavelet analysis reveals dynamics of rat oscillatory potentials. Journal of Neuroscience Methods, 2008, 169, 191-200.	2.5	27
89	Assessing ocular bulbar redness: a comparison of methods. Ophthalmic and Physiological Optics, 2016, 36, 132-139.	2.0	27
90	Oral Omega-3 Supplementation Lowers Intraocular Pressure in Normotensive Adults. Translational Vision Science and Technology, 2018, 7, 1.	2.2	27

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91	Comparison of guinea pig electroretinograms measured with bipolar corneal and unipolar intravitreal electrodes. Documenta Ophthalmologica, 1998, 95, 15-34.	2.2	26
92	Metabolic and functional profiling of the normal rat retina. Journal of Comparative Neurology, 2007, 505, 92-113.	1.6	26
93	Using the Electroretinogram to Understand How Intraocular Pressure Elevation Affects the Rat Retina. Journal of Ophthalmology, 2013, 2013, 1-15.	1.3	26
94	Simultaneous retinal and cortical visually evoked electrophysiological responses in between migraine attacks. Cephalalgia, 2012, 32, 896-907.	3.9	25
95	Abnormal inhibition-excitation imbalance in migraine. Cephalalgia, 2016, 36, 5-14.	3.9	25
96	Uptake, Persistence, and Performance of Weekly Home Monitoring of Visual Field in a Large Cohort of Patients With Glaucoma. American Journal of Ophthalmology, 2021, 223, 286-295.	3.3	25
97	A Survey and Evaluation of Lantern Tests of Color Vision. Optometry and Vision Science, 1982, 59, 346.	1.2	24
98	Color and luminance detection and discrimination asymmetries and interactions. Vision Research, 1998, 38, 1085-1095.	1.4	24
99	Reversal of functional loss in a rat model of chronic intraocular pressure elevation. Ophthalmic and Physiological Optics, 2017, 37, 71-81.	2.0	24
100	Monocarboxylate transport inhibition alters retinal function and cellular amino acid levels. European Journal of Neuroscience, 2004, 20, 1525-1537.	2.6	23
101	Correlation of chromatic, spatial, and temporal sensitivity in optic nerve disease. Investigative Ophthalmology and Visual Science, 1991, 32, 3252-62.	3.3	23
102	Can HMG Co-A reductase inhibitors (“statins”) slow the progression of age-related macular degeneration? The Age-Related Maculopathy Statin Study (ARMSS). Clinical Interventions in Aging, 2008, Volume 3, 581-593.	2.9	22
103	Coupling blood flow and neural function in the retina: a model for homeostatic responses to ocular perfusion pressure challenge. Physiological Reports, 2013, 1, e00055.	1.7	22
104	Static and Flicker Perimetry in Age-Related Macular Degeneration. , 2013, 54, 3560.		22
105	Correlating retinal function and amino acid immunocytochemistry following post-mortem ischemia. Experimental Eye Research, 2003, 77, 125-136.	2.6	21
106	Dimethyl sulphoxide doseâ€“response on rat retinal function. Documenta Ophthalmologica, 2009, 119, 199-207.	2.2	21
107	Dietary Ï‰-3 Deficiency and IOP Insult Are Additive Risk Factors for Ganglion Cell Dysfunction. Journal of Glaucoma, 2013, 22, 269-277.	1.6	21
108	False-Response Monitoring during Automated Perimetry. Optometry and Vision Science, 1998, 75, 513-517.	1.2	20

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109	Variation in intraocular pressure following application of tropicamide in three different dog breeds. Veterinary Ophthalmology, 2007, 10, 8-11.	1.0	20
110	Age-Related Retinal Function Changes in Albino and Pigmented Rats. , 2011, 52, 8891.		20
111	Post-receptoral contributions to the rat scotopic electroretinogram a-wave. Documenta Ophthalmologica, 2011, 122, 149-156.	2.2	20
112	The Effect of Ageing on Ocular Blood Flow, Oxygen Tension and Retinal Function during and after Intraocular Pressure Elevation. PLoS ONE, 2014, 9, e98393.	2.5	20
113	Retinal Anatomy and Function of the Transthyretin Null Mouse. Experimental Eye Research, 2001, 73, 651-659.	2.6	19
114	The effect of duration post-migraine on visual electrophysiology and visual field performance in people with migraine. Cephalalgia, 2014, 34, 42-57.	3.9	19
115	Effect of diet on the rate of depletion of nâ€“3 fatty acids in the retina of the guinea pig. Journal of Lipid Research, 1998, 39, 1274-1279.	4.2	19
116	The Opticom Mâ€600â„¢: A new LED automated perimeter. Australasian journal of optometry, The, 1990, 73, 3-17.	1.3	18
117	The Câ€100:a new dichotomiser of colour vision defectives. Australasian journal of optometry, The, 1992, 75, 114-123.	1.3	18
118	Localized scotomata detected with temporal modulation perimetry in central serous chorioretinopathy. Australian and New Zealand Journal of Ophthalmology, 1999, 27, 109-116.	0.4	18
119	Disclosing disease mechanisms with a spatio-temporal summation paradigm. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 425-432.	1.9	18
120	Color Vision Deficits in Intermediate Age-Related Macular Degeneration. Optometry and Vision Science, 2014, 91, 932-938.	1.2	18
121	Rapid Contrast Adaptation in Glaucoma and in Aging. , 2014, 55, 3171.		18
122	Temporal sensitivity deficits in patients with high-risk drusen. Australian and New Zealand Journal of Ophthalmology, 1999, 27, 265-267.	0.4	17
123	Quantitative Spatial and Temporal Analysis of Fluorescein Angiography Dynamics in the Eye. PLoS ONE, 2014, 9, e111330.	2.5	17
124	Tablets at the bedside - iPad-based visual field test used in the diagnosis of Intrasellar Haemangiopericytoma: a case report. BMC Ophthalmology, 2017, 17, 53.	1.4	17
125	Reversibility of Retinal Ganglion Cell Dysfunction From Chronic IOP Elevation. , 2019, 60, 3878.		17
126	Development of postreceptoral function in pigmented and albino guinea pigs. Visual Neuroscience, 2001, 18, 605-613.	1.0	16

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127	Effect of Acute Intraocular Pressure Challenge on Rat Retinal and Cortical Function. , 2014, 55, 1067.		16
128	Gene Therapy with Endogenous Inhibitors of Angiogenesis for Neovascular Age-Related Macular Degeneration: Beyond Anti-VEGF Therapy. Journal of Ophthalmology, 2015, 2015, 1-12.	1.3	16
129	Who fails lantern tests?. Documenta Ophthalmologica, 1983, 55, 157-175.	2.2	15
130	Opponent-color detection threshold asymmetries may result from reduction of ganglion cell subpopulations. Visual Neuroscience, 1994, 11, 99-109.	1.0	15
131	Electroretinograms of albino and pigmented guineaâ€pigs (Cavia porcellus). Australian and New Zealand Journal of Ophthalmology, 1998, 26, S98-100.	0.4	15
132	Identifying Cell Class Specific Losses from Serially Generated Electroretinogram Components. BioMed Research International, 2013, 2013, 1-15.	1.9	15
133	Retinal and Cortical Blood Flow Dynamics Following Systemic Blood-Neural Barrier Disruption. Frontiers in Neuroscience, 2017, 11, 568.	2.8	15
134	Geneâ€“Environment Interactions and Aging Visual Function. Ophthalmology, 2009, 116, 263-269.e1.	5.2	14
135	Conscious Wireless Electroretinogram and Visual Evoked Potentials in Rats. PLoS ONE, 2013, 8, e74172.	2.5	14
136	Clinical impact of migraine for the management of glaucoma patients. Progress in Retinal and Eye Research, 2016, 51, 107-124.	15.5	14
137	Altered retinal function and structure after chronic placental insufficiency. Investigative Ophthalmology and Visual Science, 2002, 43, 805-12.	3.3	14
138	Fos-tau-LacZ mice expose light-activated pathways in the visual system. NeuroImage, 2004, 23, 1027-1038.	4.2	13
139	Adaptation Mechanisms, Eccentricity Profiles, and Clinical Implementation of Red-on-White Perimetry. Optometry and Vision Science, 2008, 85, 309-317.	1.2	13
140	Chronic Hypertension Increases Susceptibility to Acute IOP Challenge in Rats. Investigative Ophthalmology and Visual Science, 2014, 55, 7888-7895.	3.3	13
141	Optical Coherence Tomography Reveals Changes to Corneal Reflectivity and Thickness in Individuals with Tear Hyperosmolarity. Translational Vision Science and Technology, 2017, 6, 6.	2.2	13
142	Safety and Efficacy of a Preservative-Free Artificial Tear Containing Carboxymethylcellulose and Hyaluronic Acid for Dry Eye Disease: A Randomized, Controlled, Multicenter 3-Month Study . Clinical Ophthalmology, 2020, Volume 14, 2951-2963.	1.8	13
143	Glial and neuronal dysfunction in streptozotocin-induced diabetic rats. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 42-50.	0.2	12
144	Developing a clinical probability density function for automated perimetry. Australian and New Zealand Journal of Ophthalmology, 1998, 26, S101-3.	0.4	11

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145	The case against protan drivers holding professional driving licenses. Australasian journal of optometry, The, 2002, 85, 46-48.	1.3	11
146	Systemic hypertension is not protective against chronic intraocular pressure elevation in a rodent model. Scientific Reports, 2018, 8, 7107.	3.3	11
147	Effect of diet on the rate of depletion of n-3 fatty acids in the retina of the guinea pig. Journal of Lipid Research, 1998, 39, 1274-9.	4.2	11
148	Flicker adaptation can be explained by probability summation between ON- and OFF-mechanisms. Clinical and Experimental Ophthalmology, 2000, 28, 227-229.	2.6	10
149	Fast psychophysical procedures for clinical testing. Australasian journal of optometry, The, 2001, 84, 264-269.	1.3	10
150	Defining the detection mechanisms for symmetric and rectified flicker stimuli. Vision Research, 2007, 47, 2700-2713.	1.4	10
151	Susceptibility of Streptozotocin-Induced Diabetic Rat Retinal Function and Ocular Blood Flow to Acute Intraocular Pressure Challenge. , 2013, 54, 2133.		10
152	Age-related changes in the response of retinal structure, function and blood flow to pressure modification in rats. Scientific Reports, 2018, 8, 2947.	3.3	10
153	Increased Susceptibility to Injury in Older Eyes. Optometry and Vision Science, 2013, 90, 275-281.	1.2	9
154	Accuracy of Laboratory Assays in Ophthalmic Practice. JAMA Ophthalmology, 2015, 133, 1480.	2.5	9
155	Simultaneous Recording of Electroretinography and Visual Evoked Potentials in Anesthetized Rats. Journal of Visualized Experiments, 2016, , .	0.3	9
156	Effects of migraine on visual function. Australian and New Zealand Journal of Ophthalmology, 1998, 26, S111-3.	0.4	8
157	The many faces of glaucomatous optic neuropathy. Australasian journal of optometry, The, 2000, 83, 145-160.	1.3	8
158	Effect of stimulus duration in flicker perimetry. Clinical and Experimental Ophthalmology, 2000, 28, 223-226.	2.6	8
159	Postnatal development of flicker sensitivity in guinea pigs. Australasian journal of optometry, The, 2001, 84, 270-275.	1.3	8
160	Effect of eccentricity on luminance-pedestal flicker thresholds. Vision Research, 2002, 42, 1149-1156.	1.4	8
161	Robust Indices of Clinical Data: Meaningless Means. , 2005, 46, 4353.		8
162	Acquired Visual Deficits Independent of Lesion Site in Acute Stroke. Frontiers in Neurology, 2020, 11, 705.	2.4	8

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163	Case report: The morning glory syndrome. Australasian journal of optometry, The, 1990, 73, 31-35.	1.3	7
164	Electroretinography in streptozotocin diabetic rats following acute intraocular pressure elevation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 529-535.	1.9	7
165	Retinal hyperspectral imaging in the 5xFAD mouse model of Alzheimerâ€™s disease. Scientific Reports, 2021, 11, 6387.	3.3	7
166	Detecting retinal lesions with automated perimetry. Australasian journal of optometry, The, 1988, 71, 10-20.	1.3	6
167	The use of colour difference vectors in diagnosing congenital colour vision deficiencies with the Farnsworthâ€"Munsell 100-hue test. Ophthalmic and Physiological Optics, 1992, 12, 38-45.	2.0	6
168	Color recognition and discrimination under full-moon light. Applied Optics, 1994, 33, 4741.	2.1	6
169	Electrodiagnostic methods in vision. Australasian journal of optometry, The, 1996, 79, 50-61.	1.3	6
170	Management of patients with narrow angles and acute angleâ€€closure glaucoma. Australasian journal of optometry, The, 1998, 81, 255-266.	1.3	5
171	Shortâ€•and longâ€€term vertical diplopia secondary to blunt trauma. Australasian journal of optometry, The, 2007, 90, 457-462.	1.3	5
172	Age-Related Macular Degeneration. Optometry and Vision Science, 2014, 91, 816-818.	1.2	5
173	Retinal Electrophysiology Is a Viable Preclinical Biomarker for Drug Penetrance into the Central Nervous System. Journal of Ophthalmology, 2016, 2016, 1-12.	1.3	5
174	An Electrophysiological Comparison of Contrast Response Functions in Younger and Older Adults, and Those With Glaucoma. , 2019, 60, 442.		5
175	Vision and Visuomotor Performance Following Acute Ischemic Stroke. Frontiers in Neurology, 2022, 13, 757431.	2.4	5
176	Normal Saturation Processing Provides a Model for Understanding the Effects of Disease on Color Perception. Vision Research, 1996, 36, 2995-3002.	1.4	4
177	The Short-Term Compliance and Concordance to in Clinic Testing for Tablet-Based Home Monitoring in Age-Related Macular Degeneration. American Journal of Ophthalmology, 2022, 235, 280-290.	3.3	4
178	The ability of colour defective observers to recognise an optimised set of red, green and white signal lights. Documenta Ophthalmologica Proceedings Series, 1993, , 87-95.	0.0	4
179	Scaling the size of perimetric stimuli reduces variability and returns constant thresholds across the visual field. Journal of Vision, 2021, 21, 2.	0.3	4
180	Does a cosmetic coloured contact lens change the visual sensitivity of patients?. Australasian journal of optometry, The, 1990, 73, 200-204.	1.3	3

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181	Flicker perimetry and retinal pigment epithelial detachment. Australasian journal of optometry, The, 1994, 77, 58-63.	1.3	3
182	The Role that Binocular Vision and Stereopsis Have in Evaluating Fundus Features. Optometry and Vision Science, 1994, 71, 508-515.	1.2	3
183	Scoring the Farnsworth-Munsell 100-Hue for Vocational Guidance. Optometry and Vision Science, 1995, 72, 547-551.	1.2	3
184	Spatiotemporal filters in the detection of background modulation targets. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2000, 17, 836.	1.5	3
185	Achromatic impulses unmask L- and M-cone adaptive mechanisms. Clinical and Experimental Ophthalmology, 2001, 29, 197-200.	2.6	3
186	Sustained and Transient Contributions to the Rat Dark-Adapted Electroretinogram b-Wave. Journal of Ophthalmology, 2013, 2013, 1-13.	1.3	3
187	Chronic intraocular pressure elevation impairs autoregulatory capacity in streptozotocinâ€induced diabetic rat retina. Ophthalmic and Physiological Optics, 2015, 35, 125-134.	2.0	3
188	A Model of Glaucoma Induced by Circumlimbal Suture in Rats and Mice. Journal of Visualized Experiments, 2018, , .	0.3	3
189	The Anomalous (or Induced) Myopias and the Intermediate Resting Point of Accommodation. Australasian journal of optometry, The, 1980, 63, 284-287.	1.3	2
190	Electrodiagnostic methods in vision. Australasian journal of optometry, The, 1996, 79, 131-143.	1.3	2
191	Clinical testing of contrast thresholds using a commercial television monitor system. Australasian journal of optometry, The, 1998, 81, 238-244.	1.3	2
192	Protans and driving safety. Australasian journal of optometry, The, 2002, 85, 399-402.	1.3	2
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