

Lisa Nivison-Smith

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.

50
papers

1,049
citations

15
h-index

31
g-index

51
ext. papers

1,211
ext. citations

5.9
avg, IF

4.32
L-index

#	Paper	IF	Citations
50	Ocular ischaemia: signs, symptoms, and clinical considerations for primary eye care practitioners.. <i>Australasian journal of optometry, The</i> , 2022 , 1-18	2.7	0
49	Should clinical automated perimetry be considered for routine functional assessment of early/intermediate age-related macular degeneration (AMD)? A systematic review of current literature. <i>Ophthalmic and Physiological Optics</i> , 2022 , 42, 161-177	4.1	1
48	Visualisation of peripheral retinal degenerations and anomalies with ocular imaging.. <i>Seminars in Ophthalmology</i> , 2022 , 1-29	2.4	1
47	Multispectral pattern recognition measures change in drusen area in age-related macular degeneration with high congruency to expert graders.. <i>Scientific Reports</i> , 2022 , 12, 7442	4.9	
46	High-Density Optical Coherence Tomography Analysis Provides Insights Into Early/Intermediate Age-Related Macular Degeneration Retinal Layer Changes 2022 , 63, 36		3
45	Location-Specific Thickness Patterns in Intermediate Age-Related Macular Degeneration Reveals Anatomical Differences in Multiple Retinal Layers 2021 , 62, 13		4
44	Radial Peripapillary Capillary Plexus Sparing and Underlying Retinal Vascular Impairment in Intermediate Age-Related Macular Degeneration 2021 , 62, 2		3
43	Classifying Retinal Degeneration in Histological Sections Using Deep Learning. <i>Translational Vision Science and Technology</i> , 2021 , 10, 9	3.3	0
42	Modelling normal age-related changes in individual retinal layers using location-specific OCT analysis. <i>Scientific Reports</i> , 2021 , 11, 558	4.9	7
41	Macula Ganglion Cell Thickness Changes Display Location-Specific Variation Patterns in Intermediate Age-Related Macular Degeneration 2020 , 61, 2		8
40	Normal aging changes in the choroidal angioarchitecture of the macula. <i>Scientific Reports</i> , 2020 , 10, 108109	4.9	7
39	Vascular Changes in Intermediate Age-Related Macular Degeneration Quantified Using Optical Coherence Tomography Angiography. <i>Translational Vision Science and Technology</i> , 2019 , 8, 20	3.3	17
38	Contrast sensitivity isocontours of the central visual field. <i>Scientific Reports</i> , 2019 , 9, 11603	4.9	7
37	Development of a Spatial Model of Age-Related Change in the Macular Ganglion Cell Layer to Predict Function From Structural Changes. <i>American Journal of Ophthalmology</i> , 2019 , 208, 166-177	4.9	23
36	Advanced imaging for the diagnosis of age-related macular degeneration: a case vignettes study. <i>Australasian journal of optometry, The</i> , 2018 , 101, 243-254	2.7	11
35	Vinpocetine protects inner retinal neurons with functional NMDA glutamate receptors against retinal ischemia. <i>Experimental Eye Research</i> , 2018 , 167, 1-13	3.7	5
34	Developing prognostic biomarkers in intermediate age-related macular degeneration: their clinical use in predicting progression. <i>Australasian journal of optometry, The</i> , 2018 , 101, 172-181	2.7	10

33	Retinal Thickness Changes throughout the Natural History of Drusen in Age-related Macular Degeneration. <i>Optometry and Vision Science</i> , 2018 , 95, 648-655	2.1	12
32	Peripheral retinal findings in populations with macular disease are similar to healthy eyes. <i>Ophthalmic and Physiological Optics</i> , 2018 , 38, 584-595	4.1	7
31	Multispectral Pattern Recognition Reveals a Diversity of Clinical Signs in Intermediate Age-Related Macular Degeneration 2018 , 59, 1790-1799		6
30	Self-reported optometric practise patterns in age-related macular degeneration. <i>Australasian journal of optometry, The</i> , 2017 , 100, 718-728	2.7	9
29	Pre-treatment with vinpocetine protects against retinal ischemia. <i>Experimental Eye Research</i> , 2017 , 154, 126-138	3.7	4
28	The advantages of intermediate-tier, inter-optometric referral of low risk pigmented lesions. <i>Ophthalmic and Physiological Optics</i> , 2017 , 37, 661-668	4.1	7
27	Pattern Recognition Analysis Reveals Unique Contrast Sensitivity Isocontours Using Static Perimetry Thresholds Across the Visual Field 2017 , 58, 4863-4876		25
26	Pattern Recognition Analysis of Age-Related Retinal Ganglion Cell Signatures in the Human Eye 2017 , 58, 3086-3099		26
25	Fundus Autofluorescence in Age-related Macular Degeneration. <i>Optometry and Vision Science</i> , 2017 , 94, 246-259	2.1	25
24	Macromolecular markers in normal human retina and applications to human retinal disease. <i>Experimental Eye Research</i> , 2016 , 150, 135-48	3.7	12
23	Determining Spatial Summation and Its Effect on Contrast Sensitivity across the Central 20 Degrees of Visual Field. <i>PLoS ONE</i> , 2016 , 11, e0158263	3.7	14
22	Collaborative care of non-urgent macular disease: a study of inter-optometric referrals. <i>Ophthalmic and Physiological Optics</i> , 2016 , 36, 632-642	4.1	15
21	Infrared reflectance imaging in age-related macular degeneration. <i>Ophthalmic and Physiological Optics</i> , 2016 , 36, 303-16	4.1	23
20	Vinpocetine modulates metabolic activity and function during retinal ischemia. <i>American Journal of Physiology - Cell Physiology</i> , 2015 , 308, C737-49	5.4	10
19	Pigmented Lesions of the Retinal Pigment Epithelium. <i>Optometry and Vision Science</i> , 2015 , 92, 844-57	2.1	8
18	OCT and Fundus Autofluorescence Enhances Visualization of White Dot Syndromes. <i>Optometry and Vision Science</i> , 2015 , 92, 642-53	2.1	4
17	Atypical Features of Fuchs Uveitis Syndrome. <i>Optometry and Vision Science</i> , 2015 , 92, e394-403	2.1	6
16	In vivo quantification of retinal changes associated with drusen in age-related macular degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2015 , 56, 1689-700		28

15	Vinpocetine regulates cation channel permeability of inner retinal neurons in the ischaemic retina. <i>Neurochemistry International</i> , 2014 , 66, 1-14	4.4	12
14	Sildenafil alters retinal function in mouse carriers of retinitis pigmentosa. <i>Experimental Eye Research</i> , 2014 , 128, 43-56	3.7	23
13	Age-related macular degeneration: linking clinical presentation to pathology. <i>Optometry and Vision Science</i> , 2014 , 91, 832-48	2.1	22
12	Amino acid signatures in the developing mouse retina. <i>International Journal of Developmental Neuroscience</i> , 2014 , 33, 62-80	2.7	7
11	Retinal amino acid neurochemistry in health and disease. <i>Australasian journal of optometry, The</i> , 2013 , 96, 310-32	2.7	26
10	Early remodeling of Müller cells in the rd/rd mouse model of retinal dystrophy. <i>Journal of Comparative Neurology</i> , 2013 , 521, 2439-53	3.4	21
9	Metabolic profiling of the mouse retina using amino acid signatures: insight into developmental cell dispersion patterns. <i>Experimental Neurology</i> , 2013 , 250, 74-93	5.7	11
8	Mapping cation entry in photoreceptors and inner retinal neurons during early degeneration in the P23H-3 rat retina. <i>Visual Neuroscience</i> , 2013 , 30, 65-75	1.7	8
7	Mapping kainate activation of inner neurons in the rat retina. <i>Journal of Comparative Neurology</i> , 2013 , 521, 2416-38	3.4	15
6	Retinal amino acid neurochemistry of the southern hemisphere lamprey, <i>Geotria australis</i> . <i>PLoS ONE</i> , 2013 , 8, e58406	3.7	11
5	Alignment of human vascular smooth muscle cells on parallel electrospun synthetic elastin fibers. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 155-61	5.4	45
4	Elastin Based Constructs 2011 ,		5
3	Substrate elasticity provides mechanical signals for the expansion of hemopoietic stem and progenitor cells. <i>Nature Biotechnology</i> , 2010 , 28, 1123-8	44.5	217
2	Elastin-based materials. <i>Chemical Society Reviews</i> , 2010 , 39, 3371-9	58.5	177
1	Synthetic human elastin microfibers: stable cross-linked tropoelastin and cell interactive constructs for tissue engineering applications. <i>Acta Biomaterialia</i> , 2010 , 6, 354-9	10.8	101