

Lisa Nivison-Smith

List of Publications by Citations

Source: <https://exaly.com/author-pdf/802626/lisa-nivison-smith-publications-by-citations.pdf>

Version: 2024-04-24

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.

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	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
49	Elastin-based materials. <i>Chemical Society Reviews</i> , 2010 , 39, 3371-9	58.5	177
48	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
47	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
46	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
45	Pattern Recognition Analysis of Age-Related Retinal Ganglion Cell Signatures in the Human Eye 2017 , 58, 3086-3099		26
44	Retinal amino acid neurochemistry in health and disease. <i>Australasian journal of optometry, The</i> , 2013 , 96, 310-32	2.7	26
43	Pattern Recognition Analysis Reveals Unique Contrast Sensitivity Isocontours Using Static Perimetry Thresholds Across the Visual Field 2017 , 58, 4863-4876		25
42	Fundus Autofluorescence in Age-related Macular Degeneration. <i>Optometry and Vision Science</i> , 2017 , 94, 246-259	2.1	25
41	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
40	Sildenafil alters retinal function in mouse carriers of retinitis pigmentosa. <i>Experimental Eye Research</i> , 2014 , 128, 43-56	3.7	23
39	Infrared reflectance imaging in age-related macular degeneration. <i>Ophthalmic and Physiological Optics</i> , 2016 , 36, 303-16	4.1	23
38	Age-related macular degeneration: linking clinical presentation to pathology. <i>Optometry and Vision Science</i> , 2014 , 91, 832-48	2.1	22
37	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
36	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
35	Mapping kainate activation of inner neurons in the rat retina. <i>Journal of Comparative Neurology</i> , 2013 , 521, 2416-38	3.4	15
34	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

33	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
32	Macromolecular markers in normal human retina and applications to human retinal disease. <i>Experimental Eye Research</i> , 2016 , 150, 135-48	3.7	12
31	Vinpocetine regulates cation channel permeability of inner retinal neurons in the ischaemic retina. <i>Neurochemistry International</i> , 2014 , 66, 1-14	4.4	12
30	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
29	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
28	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
27	Retinal amino acid neurochemistry of the southern hemisphere lamprey, <i>Geotria australis</i> . <i>PLoS ONE</i> , 2013 , 8, e58406	3.7	11
26	Vinpocetine modulates metabolic activity and function during retinal ischemia. <i>American Journal of Physiology - Cell Physiology</i> , 2015 , 308, C737-49	5.4	10
25	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
24	Self-reported optometric practise patterns in age-related macular degeneration. <i>Australasian journal of optometry, The</i> , 2017 , 100, 718-728	2.7	9
23	Macula Ganglion Cell Thickness Changes Display Location-Specific Variation Patterns in Intermediate Age-Related Macular Degeneration 2020 , 61, 2		8
22	Pigmented Lesions of the Retinal Pigment Epithelium. <i>Optometry and Vision Science</i> , 2015 , 92, 844-57	2.1	8
21	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
20	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
19	Contrast sensitivity isocontours of the central visual field. <i>Scientific Reports</i> , 2019 , 9, 11603	4.9	7
18	Amino acid signatures in the developing mouse retina. <i>International Journal of Developmental Neuroscience</i> , 2014 , 33, 62-80	2.7	7
17	Normal aging changes in the choroidal angioarchitecture of the macula. <i>Scientific Reports</i> , 2020 , 10, 108109	4.9	7
16	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

15	Modelling normal age-related changes in individual retinal layers using location-specific OCT analysis. <i>Scientific Reports</i> , 2021 , 11, 558	4.9	7
14	Atypical Features of Fuchs Uveitis Syndrome. <i>Optometry and Vision Science</i> , 2015 , 92, e394-403	2.1	6
13	Multispectral Pattern Recognition Reveals a Diversity of Clinical Signs in Intermediate Age-Related Macular Degeneration 2018 , 59, 1790-1799		6
12	Elastin Based Constructs 2011 ,		5
11	Vinocetine protects inner retinal neurons with functional NMDA glutamate receptors against retinal ischemia. <i>Experimental Eye Research</i> , 2018 , 167, 1-13	3.7	5
10	Pre-treatment with vinocetine protects against retinal ischemia. <i>Experimental Eye Research</i> , 2017 , 154, 126-138	3.7	4
9	OCT and Fundus Autofluorescence Enhances Visualization of White Dot Syndromes. <i>Optometry and Vision Science</i> , 2015 , 92, 642-53	2.1	4
8	Location-Specific Thickness Patterns in Intermediate Age-Related Macular Degeneration Reveals Anatomical Differences in Multiple Retinal Layers 2021 , 62, 13		4
7	Radial Peripapillary Capillary Plexus Spraying and Underlying Retinal Vascular Impairment in Intermediate Age-Related Macular Degeneration 2021 , 62, 2		3
6	High-Density Optical Coherence Tomography Analysis Provides Insights Into Early/Intermediate Age-Related Macular Degeneration Retinal Layer Changes 2022 , 63, 36		3
5	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
4	Visualisation of peripheral retinal degenerations and anomalies with ocular imaging.. <i>Seminars in Ophthalmology</i> , 2022 , 1-29	2.4	1
3	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
2	Classifying Retinal Degeneration in Histological Sections Using Deep Learning. <i>Translational Vision Science and Technology</i> , 2021 , 10, 9	3.3	0
1	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	