

# Peter van Wijngaarden

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

4,480  
citations

236833

25  
h-index

114418

63  
g-index

78  
all docs

78  
docs citations

78  
times ranked

6307  
citing authors

#	ARTICLE	IF	CITATIONS
1	The MOLES system to guide the management of melanocytic choroidal tumours: can optometrists apply it?. <i>Australasian journal of optometry, The</i> , 2023, 106, 271-275.	0.6	4
2	Retinal imaging biomarkers of neurodegenerative diseases. <i>Australasian journal of optometry, The</i> , 2022, 105, 194-204.	0.6	14
3	Hyporeflective Cores within Drusen. <i>Ophthalmology Retina</i> , 2022, 6, 284-290.	1.2	12
4	An Integrative Multi-Omics Analysis Reveals MicroRNA-143 as Potential Therapeutics to Attenuate Retinal Angiogenesis. <i>Nucleic Acid Therapeutics</i> , 2022, , .	2.0	3
5	Vitrectomy as an Aerosol-Generating Procedure in the Time of COVID-19. <i>Ophthalmology Retina</i> , 2021, 5, 97-99.	1.2	2
6	Retinal imaging in Alzheimer's and neurodegenerative diseases. <i>Alzheimer's and Dementia</i> , 2021, 17, 103-111.	0.4	89
7	The immunological link between neonatal lung and eye disease. <i>Clinical and Translational Immunology</i> , 2021, 10, e1322.	1.7	7
8	Ophthalmology and the emergence of artificial intelligence. <i>Medical Journal of Australia</i> , 2021, 214, 155.	0.8	9
9	A survey of clinicians on the use of artificial intelligence in ophthalmology, dermatology, radiology and radiation oncology. <i>Scientific Reports</i> , 2021, 11, 5193.	1.6	91
10	Estimating malignancy risk of melanocytic choroidal tumours detected in the Australian National Eye Health Survey. <i>Australasian journal of optometry, The</i> , 2021, 104, 854-858.	0.6	3
11	Glia Cells in Glaucoma: Friends, Foes, and Potential Therapeutic Targets. <i>Frontiers in Neurology</i> , 2021, 12, 624983.	1.1	50
12	Impact of the COVID-19 pandemic and lockdown restrictions on psychosocial and behavioural outcomes among Australian adults with type 2 diabetes: Findings from the PREDICT cohort study. <i>Diabetic Medicine</i> , 2021, 38, e14611.	1.2	36
13	An Experimental Model of Bronchopulmonary Dysplasia Features Long-Term Retinal and Pulmonary Defects but Not Sustained Lung Inflammation. <i>Frontiers in Pediatrics</i> , 2021, 9, 689699.	0.9	3
14	The AppNL-G-F mouse retina is a site for preclinical Alzheimer's disease diagnosis and research. <i>Acta Neuropathologica Communications</i> , 2021, 9, 6.	2.4	22
15	Short-Term Changes in the Photopic Negative Response Following Intraocular Pressure Lowering in Glaucoma. , 2020, 61, 16.		10
16	Improvement in inner retinal function in glaucoma with nicotinamide (vitamin B3) supplementation: A crossover randomized clinical trial. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 903-914.	1.3	108
17	Cataract surgical patients as a candidate sentinel population for SARS-CoV-2 surveillance. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1316-1318.	1.3	3
18	A retinal hyperspectral imaging biomarker for Alzheimer's disease: Preliminary study of the influence of eye diseases on imaging scores. <i>Alzheimer's and Dementia</i> , 2020, 16, e046625.	0.4	1

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19	Future burden of vision loss in Australia: Projections from the National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 730-738.	1.3	11
20	Lung and Eye Disease Develop Concurrently in Supplemental Oxygen-Exposed Neonatal Mice. <i>American Journal of Pathology</i> , 2020, 190, 1801-1812.	1.9	9
21	Metabolic pathways in context: mTOR signalling in the retina and optic nerve – A review. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1072-1084.	1.3	24
22	Non-invasive in vivo hyperspectral imaging of the retina for potential biomarker use in Alzheimer's disease. <i>Nature Communications</i> , 2019, 10, 4227.	5.8	157
23	Metformin Restores CNS Remyelination Capacity by Rejuvenating Aged Stem Cells. <i>Cell Stem Cell</i> , 2019, 25, 473-485.e8.	5.2	245
24	A biocompatible reverse thermoresponsive polymer for ocular drug delivery. <i>Drug Delivery</i> , 2019, 26, 343-353.	2.5	12
25	The Case for Extended Screening Intervals for People With Diabetes and No or Minimal Retinopathy at Baseline. <i>JAMA Ophthalmology</i> , 2019, 137, 449.	1.4	0
26	Amyloid precursor protein-mediated mitochondrial regulation and Alzheimer's disease. <i>British Journal of Pharmacology</i> , 2019, 176, 3464-3474.	2.7	28
27	Longitudinal changes in global cataract surgery rate inequality and associations with socioeconomic indices. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 453-460.	1.3	26
28	The eye in AI: artificial intelligence in ophthalmology. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 5-6.	1.3	16
29	Early worsening of diabetic retinopathy due to intensive glycaemic control. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 265-273.	1.3	13
30	Prevalence of glaucoma in the Australian National Eye Health Survey. <i>British Journal of Ophthalmology</i> , 2019, 103, 191-195.	2.1	56
31	The coma in glaucoma: Retinal ganglion cell dysfunction and recovery. <i>Progress in Retinal and Eye Research</i> , 2018, 65, 77-92.	7.3	75
32	Vision loss in Indigenous peoples of the world: a systematic review protocol. <i>JBIC Database of Systematic Reviews and Implementation Reports</i> , 2018, 16, 260-268.	1.7	1
33	Prevalence and Causes of Visual Loss Among the Indigenous Peoples of the World. <i>JAMA Ophthalmology</i> , 2018, 136, 567.	1.4	24
34	Prevalence of trichomatous trichiasis in Australia: the National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 13-17.	1.3	5
35	Prevalence of retinal vein occlusion in the Australian National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 260-265.	1.3	16
36	Diabetic retinopathy: a complex pathophysiology requiring novel therapeutic strategies. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 1257-1270.	1.4	122

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37	A Comparison of the RETeval Sensor Strip and DTL Electrode for Recording the Photopic Negative Response. <i>Translational Vision Science and Technology</i> , 2018, 7, 27.	1.1	19
38	More than meets the eye: an association between diet soft drink consumption and proliferative diabetic retinopathy. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 719-720.	1.3	0
39	Gene therapy for diabetic retinopathy: Are we ready to make the leap from bench to bedside?. , 2017, 173, 1-18.		34
40	Future advances in the management of diabetic retinopathy. , 2017, , 219-227.		0
41	Imaging techniques in diabetic retinopathy. , 2017, , 54-85.		0
42	Recruitment and Testing Protocol in the National Eye Health Survey: A Population-Based Eye Study in Australia. <i>Ophthalmic Epidemiology</i> , 2017, 24, 353-363.	0.8	17
43	The Prevalence of Diabetic Retinopathy in Australian Adults with Self-Reported Diabetes. <i>Ophthalmology</i> , 2017, 124, 977-984.	2.5	60
44	Sampling methodology and site selection in the National Eye Health Survey: an Australian population-based prevalence study. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 336-347.	1.3	18
45	Prevalence of Age-Related Macular Degeneration in Australia. <i>JAMA Ophthalmology</i> , 2017, 135, 1242.	1.4	34
46	Pericytes Stimulate Oligodendrocyte Progenitor Cell Differentiation during CNS Remyelination. <i>Cell Reports</i> , 2017, 20, 1755-1764.	2.9	100
47	The validity of self-report of eye diseases in participants with vision loss in the National Eye Health Survey. <i>Scientific Reports</i> , 2017, 7, 8757.	1.6	25
48	Prevalence and associations of epiretinal membranes in the Australian National Eye Health Survey. <i>Acta Ophthalmologica</i> , 2017, 95, e796-e798.	0.6	7
49	A short term high-fat high-sucrose diet in mice impairs optic nerve recovery after injury and this is not reversed by exercise. <i>Experimental Eye Research</i> , 2017, 162, 104-109.	1.2	10
50	The Prevalence and Causes of Vision Loss in Indigenous and Non-Indigenous Australians. <i>Ophthalmology</i> , 2017, 124, 1743-1752.	2.5	63
51	Public Attitudes toward Gene Therapy in China. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 6, 40-42.	1.8	28
52	Emerging ocular biomarkers of Alzheimer disease. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 54-61.	1.3	46
53	Personality and Total Health Through Life Project Eye Substudy: Methodology and Baseline Retinal Features. <i>Asia-Pacific Journal of Ophthalmology</i> , 2017, 6, 450-455.	1.3	1
54	The Prevalence of Self-Reported Diabetes in the Australian National Eye Health Survey. <i>PLoS ONE</i> , 2017, 12, e0169211.	1.1	15

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55	Cataract surgery coverage rates for Indigenous and non-Indigenous Australians: the National Eye Health Survey. <i>Medical Journal of Australia</i> , 2017, 207, 256-261.	0.8	19
56	Adherence to diabetic eye examination guidelines in Australia: the National Eye Health Survey. <i>Medical Journal of Australia</i> , 2017, 206, 402-406.	0.8	40
57	Participant referral rate in the National Eye Health Survey (NEHS). <i>PLoS ONE</i> , 2017, 12, e0174867.	1.1	5
58	NADPH oxidase 2 plays a role in experimental corneal neovascularization. <i>Clinical Science</i> , 2016, 130, 683-696.	1.8	18
59	Exercise reverses age-related vulnerability of the retina to injury by preventing complement-mediated synapse elimination via a BDNF-dependent pathway. <i>Aging Cell</i> , 2016, 15, 1082-1091.	3.0	64
60	Glaucoma neurorecovery – a sugar-coated road to retinal ganglion cell recovery. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 6-7.	1.3	1
61	Vitamin D receptor-retinoid X receptor heterodimer signaling regulates oligodendrocyte progenitor cell differentiation. <i>Journal of Cell Biology</i> , 2015, 211, 975-985.	2.3	118
62	Physical inactivity as a risk factor for diabetic retinopathy? A review. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 574-581.	1.3	14
63	Sociodemographic factors and utilization of eye care services: is there an association with patients presenting to a tertiary referral hospital in acute angle-closure?. <i>Clinical and Experimental Ophthalmology</i> , 2013, 41, 56-62.	1.3	2
64	M2 microglia and macrophages drive oligodendrocyte differentiation during CNS remyelination. <i>Nature Neuroscience</i> , 2013, 16, 1211-1218.	7.1	1,357
65	Involvement of Nox2 NADPH Oxidase in Retinal Neovascularization. , 2013, 54, 7061.		48
66	Ageing stem and progenitor cells: implications for rejuvenation of the central nervous system. <i>Development (Cambridge)</i> , 2013, 140, 2562-2575.	1.2	42
67	Rejuvenation of Regeneration in the Aging Central Nervous System. <i>Cell Stem Cell</i> , 2012, 10, 96-103.	5.2	552
68	Hereditary influences in oxygen-induced retinopathy in the rat. <i>Documenta Ophthalmologica</i> , 2010, 120, 87-97.	1.0	5
69	Exposure to cyclic oxygen sufficient for development of oxygen-induced retinopathy does not induce bronchopulmonary dysplasia in rats. <i>Experimental Lung Research</i> , 2010, 36, 175-182.	0.5	2
70	Inhibitors of vascular endothelial growth factor (VEGF) in the management of neovascular age-related macular degeneration: a review of current practice. <i>Australasian journal of optometry</i> , The, 2008, 91, 427-437.	0.6	60
71	Kinetics of strain-dependent differential gene expression in oxygen-induced retinopathy in the rat. <i>Experimental Eye Research</i> , 2007, 85, 508-517.	1.2	21
72	Genetic susceptibility to retinopathy of prematurity: the evidence from clinical and experimental animal studies. <i>British Journal of Ophthalmology</i> , 2007, 91, 1704-1708.	2.1	52

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73	Genetic Influences on Susceptibility to Oxygen-Induced Retinopathy. , 2007, 48, 1761.		22
74	Strain-Dependent Differences in Oxygen-Induced Retinopathy in the Inbred Rat. , 2005, 46, 1445.		41
75	Inhibitors of Ocular Neovascularization. JAMA - Journal of the American Medical Association, 2005, 293, 1509.	3.8	211
76	OCT biomarkers of neurodegenerative diseases “reading the tea leaves or seeing the truth?”. Australasian journal of optometry, The, 0, , 1-2.	0.6	0