Nomdo Jansonius

List of Publications by Year
in descending order

114 papers	3,442 citations	270111 25 h-index	198040 52 g-index
120 all docs	120 docs citations	120 times ranked	3956 citing authors

#	Article	IF	Citations
1	Development and validation of a questionnaire-based myopia proxy in adults: the LifeLines Cohort Study. British Journal of Ophthalmology, 2023, 107, 1035-1042.	2.1	0
2	The vision-related burden of dry eye. Ocular Surface, 2022, 23, 207-215.	2.2	23
3	Retinal Oxygen Delivery and Extraction in Ophthalmologically Healthy Subjects With Different Blood Pressure Status. Translational Vision Science and Technology, 2022, 11, 9.	1.1	3
4	Hyperreflective Dots on OCT as a Predictor of Treatment Outcome in Diabetic Macular Edema. Ophthalmology Retina, 2022, 6, 814-827.	1.2	6
5	Ultrasound biomicroscopy of the anterior segment in patients with primary congenital glaucoma: a review of the literature. Acta Ophthalmologica, 2022, 100, 605-613.	0.6	6
6	Microstructural Visual Pathway White Matter Alterations in Primary Open-Angle Glaucoma: A Neurite Orientation Dispersion and Density Imaging Study. American Journal of Neuroradiology, 2022, , .	1.2	3
7	Prevalence and risk factors of dry eye in 79,866 participants of the population-based Lifelines cohort study in the Netherlands. Ocular Surface, 2021, 19, 83-93.	2.2	94
8	Glaucoma in large-scale population-based epidemiology: a questionnaire-based proxy. Eye, 2021, 35, 508-516.	1.1	8
9	Genetic pre-screening for glaucoma in population-based epidemiology: protocol for a double-blind prospective screening study within Lifelines (EyeLife). BMC Ophthalmology, 2021, 21, 18.	0.6	9
10	An alternative approach to produce versatile retinal organoids with accelerated ganglion cell development. Scientific Reports, 2021, 11, 1101.	1.6	16
11	Differences in clinical presentation of primary openâ€angle glaucoma between African and European populations. Acta Ophthalmologica, 2021, 99, e1118-e1126.	0.6	6
12	White matter alterations in glaucoma and monocular blindness differ outside the visual system. Scientific Reports, 2021, 11, 6866.	1.6	11
13	Progression of Visual Pathway Degeneration in Primary Open-Angle Glaucoma: A Longitudinal Study. Frontiers in Human Neuroscience, 2021, 15, 630898.	1.0	6
14	The relationship between alcohol consumption and dry eye. Ocular Surface, 2021, 21, 87-95.	2.2	13
15	Exploring the effect of glaucomatous visual field defects of current drivers on a neuropsychological test battery. Acta Ophthalmologica, 2021, , .	0.6	0
16	Genome-wide CNV investigation suggests a role for cadherin, Wnt, and p53 pathways in primary open-angle glaucoma. BMC Genomics, 2021, 22, 590.	1.2	10
17	U-Shaped Effect of Blood Pressure on Structural OCT Metrics and Retinal Perfusion in Ophthalmologically Healthy Subjects. , 2021, 62, 5.		15
18	Binocular Interactions in Glaucoma Patients With Nonoverlapping Visual Field Defects: Contrast Summation, Rivalry, and Phase Combination. , 2021, 62, 9.		12

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19	Medication use and dry eye symptoms: A large, hypothesis-free, population-based study in the Netherlands. Ocular Surface, 2021, 22, 1-12.	2.2	11
20	Visual Field Reconstruction Using fMRI-Based Techniques. Translational Vision Science and Technology, 2021, 10, 25.	1.1	10
21	Mitochondrial Genome Study Identifies Association Between Primary Open-Angle Glaucoma and Variants in MT-CYB, MT-ND4 Genes and Haplogroups. Frontiers in Genetics, 2021, 12, 781189.	1.1	13
22	Associations between tinnitus and glaucoma suggest a common mechanism: A clinical and population-based study. Hearing Research, 2020, 386, 107862.	0.9	6
23	Anatomical Location of the Raphe and Extended Raphe in the Human Retina: Implications for Assessment of the Optic Nerve with OCT. Translational Vision Science and Technology, 2020, 9, 3.	1.1	3
24	Microcirculatory model predicts blood flow and autoregulation range in the human retina: in vivo investigation with laser speckle flowgraphy. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H1253-H1273.	1.5	16
25	Autonomic Dysfunction and Blood Pressure in Glaucoma Patients: The Lifelines Cohort Study. , 2020, 61, 25.		22
26	Investigating changes in axonal density and morphology of glaucomatous optic nerves using fixel-based analysis. European Journal of Radiology, 2020, 133, 109356.	1.2	7
27	Transscleral cyclophotocoagulation followed by cataract surgery: a novel protocol to treat refractory acute primary angle closure. BMC Ophthalmology, 2020, 20, 209.	0.6	2
28	Novel mutations in the PITX2 gene in Pakistani and Mexican families with Axenfeldâ€Rieger syndrome. Molecular Genetics & Genomic Medicine, 2020, 8, e1215.	0.6	3
29	Study protocol of the DUtch PARkinson Cohort (DUPARC): a prospective, observational study of de novo Parkinsonâ€™s disease patients for the identification and validation of biomarkers for Parkinsonâ€™s disease subtypes, progression and pathophysiology. BMC Neurology, 2020, 20, 245.	0.8	17
30	Intraocular and intracranial pressure in glaucoma patients taking acetazolamide. PLoS ONE, 2020, 15, e0234690.	1.1	9
31	Testing a phantom eye under various signal-to-noise ratio conditions using eleven different OCT devices. Biomedical Optics Express, 2020, 11, 1306.	1.5	9
32	Retinal layer thicknesses retrieved with different segmentation algorithms from optical coherence tomography scans acquired under different signal-to-noise ratio conditions. Biomedical Optics Express, 2020, 11, 7079.	1.5	6
33	Intraocular and intracranial pressure in glaucoma patients taking acetazolamide. , 2020, 15, e0234690.		0
34	Intraocular and intracranial pressure in glaucoma patients taking acetazolamide. , 2020, 15, e0234690.		0
35	Effect of optic discâ€“fovea distance on the normative classifications of macular inner retinal layers as assessed with OCT in healthy subjects. British Journal of Ophthalmology, 2019, 103, 821-825.	2.1	15
36	Determining Possible Shared Genetic Architecture Between Myopia and Primary Open-Angle Glaucoma. , 2019, 60, 3142.		10

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37	Retinal Contrast Gain Control and Temporal Modulation Sensitivity Across the Visual Field in Glaucoma at Photopic and Mesopic Light Conditions. , 2019, 60, 4270.		5
38	Association of Systemic Medication Exposure With Glaucoma Progression and Glaucoma Suspect Conversion in the Groningen Longitudinal Glaucoma Study. , 2019, 60, 4548.		23
39	Fixel-Based Analysis of Visual Pathway White Matter in Primary Open-Angle Glaucoma. , 2019, 60, 3803.		23
40	Heritability of glaucoma and glaucoma-related endophenotypes: Systematic review and meta-analysis. Survey of Ophthalmology, 2019, 64, 835-851.	1.7	34
41	Quantification and Repeatability of Vessel Density and Flux as Assessed by Optical Coherence Tomography Angiography. Translational Vision Science and Technology, 2019, 8, 3.	1.1	23
42	Glaucoma in myopia: diagnostic dilemmas. British Journal of Ophthalmology, 2019, 103, 1347-1355.	2.1	71
43	Retinal layers in Parkinson's disease: A meta-analysis of spectral-domain optical coherence tomography studies. Parkinsonism and Related Disorders, 2019, 64, 40-49.	1.1	91
44	Spatial contrast sensitivity from star- to sunlight in healthy subjects and patients with glaucoma. Vision Research, 2019, 158, 31-39.	0.7	9
45	Chronotyping glaucoma patients with the Munich ChronoType Questionnaire: A case-control study. PLoS ONE, 2019, 14, e0214046.	1.1	3
46	The relationship between occupation and dry eye. Ocular Surface, 2019, 17, 484-490.	2.2	31
47	Automatic Determination of Vertical Cup-to-Disc Ratio in Retinal Fundus Images for Glaucoma Screening. IEEE Access, 2019, 7, 8527-8541.	2.6	23
48	Influence of glaucoma surgery on visual function: a clinical cohort study and metaâ€analysis. Acta Ophthalmologica, 2019, 97, 193-199.	0.6	11
49	Luminance and pedestriansâ€™ perceived ability to see after dark: Mapping the Netherlands using a citizen science network of smartphone users. Lighting Research and Technology, 2019, 51, 231-242.	1.2	2
50	Heritability of glaucoma and glaucoma-related endophenotypes: systematic review and meta-analysis protocol. BMJ Open, 2018, 8, e019049.	0.8	7
51	Visual complaints of patients with glaucoma and controls under optimal and extreme luminance conditions. Acta Ophthalmologica, 2018, 96, 288-294.	0.6	23
52	Influence of optic disc-fovea distance on macular thickness measurements with OCT in healthy myopic eyes. Scientific Reports, 2018, 8, 5233.	1.6	9
53	Noninvasive intracranial pressure assessment using otoacoustic emissions: An application in glaucoma. PLoS ONE, 2018, 13, e0204939.	1.1	8
54	Retinal nerve fiber bundle trajectories in Chinese myopic eyes: Comparison with a Caucasian based mathematical model. Experimental Eye Research, 2018, 176, 103-109.	1.2	12

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55	Visual Performance as a Function of Luminance in Glaucoma: The De Vries-Rose, Weber's, and Ferry-Porter's Law. , 2018, 59, 3416.		24
56	Foveal light and dark adaptation in patients with glaucoma and healthy subjects: A case-control study. PLoS ONE, 2018, 13, e0193663.	1.1	11
57	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. Human Molecular Genetics, 2017, 26, ddw399.	1.4	120
58	Incidence of glaucomatous visual field loss after two decades of follow-up: the Rotterdam Study. European Journal of Epidemiology, 2017, 32, 691-699.	2.5	36
59	Posterior corneal shape: Comparison of height data from 3 corneal topographers. Journal of Cataract and Refractive Surgery, 2017, 43, 518-524.	0.7	13
60	Glaucoma progression detection with frequency doubling technology (FDT) compared to standard automated perimetry (SAP) in the Groningen Longitudinal Glaucoma Study. Ophthalmic and Physiological Optics, 2017, 37, 594-601.	1.0	9
61	Risk Factors for Secondary Glaucoma in Herpetic Anterior Uveitis. American Journal of Ophthalmology, 2017, 181, 55-60.	1.7	20
62	Loss of Binocular Vision in Monocularly Blind Patients Causes Selective Degeneration of the Superior Lateral Occipital Cortices. , 2017, 58, 1304.		9
63	Influence of coherence length, signal-to-noise ratio, log transform, and low-pass filtering on layer thickness assessment with OCT in the retina. Biomedical Optics Express, 2016, 7, 4490.	1.5	12
64	Glaucoma drainage device surgery after vitreoretinal surgery: incidence and risk factors. Acta Ophthalmologica, 2016, 94, 135-139.	0.6	10
65	Associations with intraocular pressure across Europe: The European Eye Epidemiology (E3) Consortium. European Journal of Epidemiology, 2016, 31, 1101-1111.	2.5	26
66	From corneal shape to ocular wavefront in eyes with aspheric <scp>IOL</scp>s: the feasibility of <scp>IOL</scp> customisation. Ophthalmic and Physiological Optics, 2016, 36, 43-50.	1.0	4
67	Ophthalmic epidemiology in Europe: the â€œEuropean Eye Epidemiologyâ€•(E3) consortium. European Journal of Epidemiology, 2016, 31, 197-210.	2.5	32
68	Lateral Inhibition in the Human Visual System in Patients with Glaucoma and Healthy Subjects: A Case-Control Study. PLoS ONE, 2016, 11, e0151006.	1.1	8
69	Systematic review of the association between Alzheimer’s disease and chronic glaucoma. Clinical Ophthalmology, 2015, 9, 783.	0.9	4
70	Influence of the Retinal Blood Vessel Topography on the Variability of the Retinal Nerve Fiber Bundle Trajectories in the Human Retina. , 2015, 56, 6320.		12
71	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. Nature Communications, 2014, 5, 4883.	5.8	89
72	Population-Based Evaluation of Retinal Nerve Fiber Layer, Retinal Ganglion Cell Layer, and Inner Plexiform Layer as a Diagnostic Tool For Glaucoma. Investigative Ophthalmology and Visual Science, 2014, 55, 8428-8438.	3.3	33

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73	Describing the Corneal Shape after Wavefront-Optimized Photorefractive Keratectomy. Optometry and Vision Science, 2014, 91, 1231-1237.	0.6	4
74	Predicting and Preventing Visual Impairment and Blindness by Incorporating Individual Progression Velocity in Glaucoma Care. , 2014, 55, 4470.		2
75	A relationship between tube length and intraocular pressure after glaucoma drainage implant surgery cannot be explained by Poiseuille's law. Acta Ophthalmologica, 2014, 92, e74-e74.	0.6	2
76	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. Nature Genetics, 2014, 46, 1126-1130.	9.4	212
77	Quantitative Analysis of Illusory Movement: Spatial Filtering and Line Localization in the Human Visual System. Perception, 2014, 43, 1329-1340.	0.5	3
78	Lateral inhibition in the human visual system in healthy subjects and in patients with glaucoma. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
79	Retinal vessel course and retinal nerve fiber bundle trajectories in the human eye. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	1
80	The vast complexity of primary open angle glaucoma: Disease genes, risks, molecular mechanisms and pathobiology. Progress in Retinal and Eye Research, 2013, 37, 31-67.	7.3	149
81	Shape of the anterior cornea: Comparison of height data from 4 corneal topographers. Journal of Cataract and Refractive Surgery, 2013, 39, 1570-1580.	0.7	31
82	Tool to estimate optical metrics from summary waveâ€front analysis data in the human eye. Ophthalmic and Physiological Optics, 2013, 33, 35-41.	1.0	3
83	Gene Expression and Functional Annotation of the Human and Mouse Choroid Plexus Epithelium. PLoS ONE, 2013, 8, e83345.	1.1	50
84	Visual field testing in clinical practice - The role of age, stage and follow-up duration. Acta Ophthalmologica, 2013, 91, 0-0.	0.6	0
85	Risk factors for the development of glaucoma after vitreoretinal surgery. Acta Ophthalmologica, 2013, 91, 0-0.	0.6	0
86	Factors That Influence Standard Automated Perimetry Test Results in Glaucoma: Test Reliability, Technician Experience, Time of Day, and Season. , 2012, 53, 7010.		97
87	Risk Factors for Visual Field Progression in the Groningen Longitudinal Glaucoma Study. Journal of Glaucoma, 2012, 21, 579-585.	0.8	13
88	A mathematical model for describing the retinal nerve fiber bundle trajectories in the human eye: Average course, variability, and influence of refraction, optic disc size and optic disc position. Experimental Eye Research, 2012, 105, 70-78.	1.2	88
89	Persistence, Spatial Distribution and Implications for Progression Detection of Blind Parts of the Visual Field in Glaucoma: A Clinical Cohort Study. PLoS ONE, 2012, 7, e41211.	1.1	19
90	Glaucoma screening during regular optician visits: the feasibility and specificity of screening in real life. Acta Ophthalmologica, 2012, 90, 115-121.	0.6	8

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91	Ocular perfusion pressure - a risk factor for open-angle glaucoma or a statistical artifact?. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
92	Influence of multifocal intraocular lenses on standard automated perimetry test results. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
93	Heidelberg Retina Tomograph (HRT3) in Population-based Epidemiology: Normative Values and Criteria for Glaucomatous Optic Neuropathy. Ophthalmic Epidemiology, 2011, 18, 198-210.	0.8	15
94	Myopia as a Risk Factor for Open-Angle Glaucoma: A Systematic Review and Meta-Analysis. Ophthalmology, 2011, 118, 1989-1994.e2.	2.5	458
95	Ocular Perfusion Pressure and the Incidence of Glaucoma: Real Effect or Artifact?: The Rotterdam Study. , 2011, 52, 6875.		65
96	Lifestyle and Risk of Developing Open-Angle Glaucoma. JAMA Ophthalmology, 2011, 129, 767.	2.6	110
97	Defining Glaucomatous Optic Neuropathy from a Continuous Measure of Optic Nerve Damage â€“ The Optimal Cut-off Point for Risk-factor Analysis in Population-based Epidemiology. Ophthalmic Epidemiology, 2011, 18, 211-216.	0.8	12
98	Modeling Complex Treatment Strategies: Construction and Validation of a Discrete Event Simulation Model for Glaucoma. Value in Health, 2010, 13, 358-367.	0.1	39
99	Spherical aberration and other higher-order aberrations in the human eye: from summary wave-front analysis data to optical variables relevant to visual perception. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 941.	0.8	9
100	Clinical comparison of the optical performance of aspheric and spherical intraocular lenses. Journal of Cataract and Refractive Surgery, 2010, 36, 34-43.	0.7	27
101	Incidence of Glaucomatous Visual Field Loss: A Ten-Year Follow-up from the Rotterdam Study. Ophthalmology, 2010, 117, 1705-1712.	2.5	101
102	Changes in cortical grey matter density associated with long-standing retinal visual field defects. Brain, 2009, 132, 1898-1906.	3.7	173
103	A mathematical description of nerve fiber bundle trajectories and their variability in the human retina. Vision Research, 2009, 49, 2157-2163.	0.7	130
104	The Groningen Longitudinal Glaucoma Study. II. A prospective comparison of frequency doubling perimetry, the GDx nerve fibre analyser and standard automated perimetry in glaucoma suspect patients. Acta Ophthalmologica, 2009, 87, 429-432.	0.6	10
105	Glaucoma Monitoring in a Clinical Setting. JAMA Ophthalmology, 2009, 127, 270.	2.6	32
106	Progression detection in glaucoma can be made more efficient by using a variable interval between successive visual field tests. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 1647-1651.	1.0	24
107	Influence of Test Reliability on the Screening Performance of Frequency-Doubling Perimetry. American Journal of Ophthalmology, 2006, 141, 585-587.	1.7	7
108	The Groningen Longitudinal Glaucoma Study. I. Baseline sensitivity and specificity of the frequency doubling perimeter and the GDx nerve fibre analyser. Acta Ophthalmologica, 2005, 83, 46-52.	0.4	49

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109	Bayesâ€™ theorem applied to perimetric progression detection in glaucoma: from specificity to positive predictive value. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 433-437.	1.0	16
110	Incidence of Open-Angle Glaucoma in a General Elderly Population. Ophthalmology, 2005, 112, 1487-1493.	2.5	161
111	Frequency doubling perimetry screening mode compared to the full-threshold mode. Ophthalmic and Physiological Optics, 2004, 24, 493-497.	1.0	23
112	Learning effect, normal range, and test-retest variability of Frequency Doubling Perimetry as a function of age, perimetric experience, and the presence or absence of glaucoma. Ophthalmic and Physiological Optics, 2003, 23, 535-540.	1.0	18
113	Topical beta-blockers and the risk of cardiovascular mortality. Acta Ophthalmologica, 0, 85, 0-0.	0.4	0
114	Risk factors for progression in glaucoma. The Groningen Longitudinal Glaucoma Study. Acta Ophthalmologica, 0, 86, 0-0.	0.6	0