

# William H Swanson

## 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.

48  
papers

1,473  
citations

20  
h-index

38  
g-index

49  
ext. papers

1,643  
ext. citations

2.5  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
48	A Novel Stimulus to Improve Perimetric Sampling within the Macula in Patients with Glaucoma. <i>Optometry and Vision Science</i> , <b>2021</b> , 98, 374-383	2.1	
47	Interpreting Retinal Nerve Fiber Layer Reflectance Defects Based on Presence of Retinal Nerve Fiber Bundles. <i>Optometry and Vision Science</i> , <b>2021</b> , 98, 531-541	2.1	1
46	Functional characteristics of glaucoma related arcuate defects seen on OCT en face visualisation of the retinal nerve fibre layer. <i>Ophthalmic and Physiological Optics</i> , <b>2021</b> , 41, 437-446	4.1	1
45	Assessing the Impact of En Face Retinal Nerve Fiber Layer Imaging on Clinical Decision Making for Glaucoma Suspects. <i>Optometry and Vision Science</i> , <b>2020</b> , 97, 54-61	2.1	2
44	Comparison of defect depths for sinusoidal and circular perimetric stimuli in patients with glaucoma. <i>Ophthalmic and Physiological Optics</i> , <b>2019</b> , 39, 26-36	4.1	9
43	Using Small Samples to Evaluate Normative Reference Ranges for Retinal Imaging Measures. <i>Optometry and Vision Science</i> , <b>2019</b> , 96, 146-155	2.1	4
42	Within-subject variability in human retinal nerve fiber bundle width. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223350	3.7	7
41	A basis for customising perimetric locations within the macula in glaucoma. <i>Ophthalmic and Physiological Optics</i> , <b>2018</b> , 38, 164-173	4.1	13
40	Evaluating glaucomatous abnormality in peripapillary optical coherence tomography enface visualisation of the retinal nerve fibre layer reflectance. <i>Ophthalmic and Physiological Optics</i> , <b>2018</b> , 38, 376-388	4.1	16
39	Retinal putative glial alterations: implication for glaucoma care. <i>Ophthalmic and Physiological Optics</i> , <b>2018</b> , 38, 56-65	4.1	12
38	Customizing Perimetric Locations Based on En Face Images of Retinal Nerve Fiber Bundles With Glaucomatous Damage. <i>Translational Vision Science and Technology</i> , <b>2018</b> , 7, 5	3.3	15
37	Novel Technique for Quantifying Retinal Nerve Fiber Bundle Abnormality in the Temporal Raphe. <i>Optometry and Vision Science</i> , <b>2018</b> , 95, 309-317	2.1	13
36	Using perimetric data to estimate ganglion cell loss for detecting progression of glaucoma: a comparison of models. <i>Ophthalmic and Physiological Optics</i> , <b>2017</b> , 37, 409-419	4.1	8
35	Individual differences in the shape of the nasal visual field. <i>Vision Research</i> , <b>2017</b> , 141, 23-29	2.1	6
34	The Effect of Limiting the Range of Perimetric Sensitivities on Pointwise Assessment of Visual Field Progression in Glaucoma <b>2016</b> , 57, 288-94		49
33	Between-Subject Variability in Healthy Eyes as a Primary Source of Structural-Functional Discordance in Patients With Glaucoma <b>2016</b> , 57, 502-7		17
32	Contrast sensitivity perimetry data from adults free of eye disease. <i>Data in Brief</i> , <b>2016</b> , 8, 654-8	1.2	1

31	Assessing assumptions of a combined structure-function index. <i>Ophthalmic and Physiological Optics</i> , <b>2015</b> , 35, 186-93	4.1	15
30	Imaging Glaucomatous Damage Across the Temporal Raphe <b>2015</b> , 56, 3496-504		24
29	The Effect of Stimulus Size on the Reliable Stimulus Range of Perimetry. <i>Translational Vision Science and Technology</i> , <b>2015</b> , 4, 10	3.3	31
28	A novel strategy for the estimation of the general height of the visual field in patients with glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2014</b> , 252, 801-9	3.8	4
27	Assessment of the reliability of standard automated perimetry in regions of glaucomatous damage. <i>Ophthalmology</i> , <b>2014</b> , 121, 1359-69	7.3	115
26	Assessing spatial and temporal properties of perimetric stimuli for resistance to clinical variations in retinal illumination <b>2014</b> , 55, 353-9		9
25	Choice of Stimulus Range and Size Can Reduce Test-Retest Variability in Glaucomatous Visual Field Defects. <i>Translational Vision Science and Technology</i> , <b>2014</b> , 3, 6	3.3	14
24	Between-subject variability in asymmetry analysis of macular thickness. <i>Optometry and Vision Science</i> , <b>2014</b> , 91, 484-90	2.1	9
23	Contrast sensitivity perimetry and clinical measures of glaucomatous damage. <i>Optometry and Vision Science</i> , <b>2014</b> , 91, 1302-11	2.1	27
22	Stimulus size for perimetry in patients with glaucoma <b>2013</b> , 54,		4
21	The visualFields package: a tool for analysis and visualization of visual fields. <i>Journal of Vision</i> , <b>2013</b> , 13,	0.4	30
20	Choice of statistical method influences apparent association between structure and function in glaucoma <b>2013</b> , 54, 4189-96		11
19	Blur-resistant perimetric stimuli. <i>Optometry and Vision Science</i> , <b>2013</b> , 90, 466-74	2.1	12
18	Structure-function relationship in glaucoma: past thinking and current concepts. <i>Clinical and Experimental Ophthalmology</i> , <b>2012</b> , 40, 369-80	2.4	126
17	Estimation of spatial scale across the visual field using sinusoidal stimuli <b>2012</b> , 53, 633-9		17
16	Responses of primate retinal ganglion cells to perimetric stimuli <b>2011</b> , 52, 764-71		68
15	Assessment of linear-scale indices for perimetry in terms of progression in early glaucoma. <i>Vision Research</i> , <b>2011</b> , 51, 1801-10	2.1	14
14	Author Response: Frequency-Doubling Technology and Parasol Cells <b>2011</b> , 52, 3759		5

13	Chromatic temporal integration and retinal eccentricity: psychophysics, neurometric analysis and cortical pooling. <i>Vision Research</i> , <b>2008</b> , 48, 2657-62	2.1	20
12	Assessment of contrast gain signature in inferred magnocellular and parvocellular pathways in patients with glaucoma. <i>Vision Research</i> , <b>2008</b> , 48, 2633-41	2.1	41
11	Development and evaluation of a contrast sensitivity perimetry test for patients with glaucoma <b>2008</b> , 49, 3049-57		43
10	Variability of visual field measurements is correlated with the gradient of visual sensitivity. <i>Vision Research</i> , <b>2007</b> , 47, 925-36	2.1	46
9	Linearity can account for the similarity among conventional, frequency-doubling, and gabor-based perimetric tests in the glaucomatous macula. <i>Optometry and Vision Science</i> , <b>2006</b> , 83, 455-65	2.1	33
8	Evaluation of a two-stage neural model of glaucomatous defect: an approach to reduce test-retest variability. <i>Optometry and Vision Science</i> , <b>2006</b> , 83, 499-511	2.1	23
7	A cortical pooling model of spatial summation for perimetric stimuli. <i>Journal of Vision</i> , <b>2006</b> , 6, 1159-71	0.4	30
6	Perimetric defects and ganglion cell damage: interpreting linear relations using a two-stage neural model. <i>Investigative Ophthalmology and Visual Science</i> , <b>2004</b> , 45, 466-72		124
5	An examination of physiological mechanisms underlying the frequency-doubling illusion. <i>Investigative Ophthalmology and Visual Science</i> , <b>2002</b> , 43, 3590-9		93
4	Chromatic and achromatic defects in patients with progressing glaucoma. <i>Vision Research</i> , <b>2001</b> , 41, 1215-27		32
3	Chromatic contrast sensitivity: the role of absolute threshold and gain constant in differences between the fovea and the periphery. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2000</b> , 17, 232-43	1.8	10
2	Extracting thresholds from noisy psychophysical data. <i>Perception &amp; Psychophysics</i> , <b>1992</b> , 51, 409-22		78
1	Temporal modulation sensitivity and pulse-detection thresholds for chromatic and luminance perturbations. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1987</b> , 4, 1992-2005	1.8	191