Stephen J Dain

List of Publications by Year in Descending Order

80 papers	728 citations	14 h-index	22 g-index
84 ext. papers	868 ext. citations	2.6 avg, IF	4.39 L-index

#	Paper	IF	Citations
80	Optical performance of welding curtains and existing standards. *Journal of Occupational and Environmental Hygiene*, **2021**, 18, 314-322	2.9	0
79	Effect of blue-blocking lenses on colour discrimination. *Australasian journal of optometry, The*, **2021**, 104, 56-61	2.7	0
78	Ultraviolet radiation transmission of soft disposable contact lenses and ISO 18369: claims and compliance. *Australasian journal of optometry, The*, **2021**, 104, 579-582	2.7	2
77	Physical and Visual Evaluation of Filters for Direct Observation of the Sun and the International Standard ISO 12312-2:2015. *Astronomical Journal*, **2021**, 162, 103	4.9	1
76	How practitioners say they answer the questions of patients about ultraviolet protection. *Australasian journal of optometry, The*, **2021**, 1-7	2.7	1
75	Lighting for color vision examination in the era of LEDs: the FM100Hue Test. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2020**, 37, A122-A132	1.8	3
74	The blue light dose from white light emitting diodes (LEDs) and other white light sources. *Ophthalmic and Physiological Optics*, **2020**, 40, 692-699	4.1	3
73	Limitations and Precautions in the Use of the Farnsworth-Munsell Dichotomous D-15 Test. *Optometry and Vision Science*, **2019**, 96, 695-705	2.1	11
72	Out with the old, in with the new: how changes in cricket helmet regulations affect the vision of batters. *Journal of Sports Sciences*, **2019**, 37, 13-19	3.6	3
71	Normative values for a tablet computer-based application to assess chromatic contrast sensitivity. *Behavior Research Methods*, **2018**, 50, 673-683	6.1	12
70	Development of color vision discrimination during childhood: differences between Blue-Yellow, Red-Green, and achromatic thresholds. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2018**, 35, B35-B42	1.8	4
69	When is protection from impact needed for the face as well as the eyes in occupational environments?. *Australasian journal of optometry, The*, **2018**, 101, 392-396	2.7	2
68	Evaluation of tablet computers for visual function assessment. *Behavior Research Methods*, **2017**, 49, 548-558	6.1	10
67	Colorimetric evaluation of iPhone apps for colour vision tests based on the Ishihara test. *Australasian journal of optometry, The*, **2016**, 99, 264-73	2.7	8
66	The assessment of scattered light in ophthalmic materials. *Color Research and Application*, **2016**, 41, 416-423	1.3	
65	Sports eyewear protective standards. *Australasian journal of optometry, The*, **2016**, 99, 4-23	2.7	20
64	Color Vision and the Railways: Part 3. Comparison of FaLant, OPTEC 900, and Railway LED Lantern Tests. *Optometry and Vision Science*, **2015**, 92, 152-6	2.1	2

63	Color Vision and the Railways: Part 2. Comparison of the CN Lantern Used on the Canadian Railways and Railway LED Lantern Tests. *Optometry and Vision Science*, **2015**, 92, 147-51	2.1	5
62	Color Vision and the Railways: Part 1. The Railway LED Lantern Test. *Optometry and Vision Science*, **2015**, 92, 138-46	2.1	9
61	Spectacle-related eye injuries, spectacle-impact performance and eye protection. *Australasian journal of optometry, The*, **2015**, 98, 203-9	2.7	13
60	Effect of Ultraviolet Exposure on Impact Resistance of Ophthalmic Lenses. *Optometry and Vision Science*, **2015**, 92, 1154-60	2.1	4
59	Re.: Is screening for congenital colour vision deficiency in school students worthwhile? A review. *Australasian journal of optometry, The*, **2015**, 98, 192	2.7	8
58	Severe alkali burns from beer line cleaners warrant mandatory safety guidelines. *Medical Journal of Australia*, **2015**, 202, 79	4	
57	The visibility of controls and labels on electronic devices and their suitability for people with impaired vision. *Work*, **2014**, 47, 309-17	1.6	3
56	Recognition of simulated cyanosis by color-vision-normal and color-vision-deficient subjects. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2014**, 31, A303-6	1.8	2
55	Assessment of the performance of automated focimeters in the measurement of single vision spectacle lenses. *Australasian journal of optometry, The*, **2014**, 97, 364-8	2.7	
54	Reliability revisited: autonomic responses in the context of everyday well-being. *International Journal of Cardiology*, **2013**, 166, 743-5	3.2	13
53	Coping strategies may not be reflected by simulated performance-based measures of functional ability. *Journal of Optometry*, **2013**, 6, 101-108	2.6	5
52	Impact resistance and prescription compliance with AS/NZS 1337.6:2010. *Australasian journal of optometry, The*, **2013**, 96, 472-8	2.7	1
51	Materials for occupational eye protectors. *Australasian journal of optometry, The*, **2012**, 95, 129-39	2.7	12
50	The Farnsworth Flashlight is not equivalent to the Farnsworth Lantern. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2012**, 29, A377-82	1.8	1
49	Home modification guidelines as recommended by visually impaired people. *Journal of Assistive Technologies*, **2012**, 6, 270-284		6
48	Innovative strategies for adaptation to loss of vision. *Australasian journal of optometry, The*, **2011**, 94, 98-102	2.7	4
47	Prescription compliance in ophthalmic lenses. *Australasian journal of optometry, The*, **2011**, 94, 341-7	2.7	3
46	Ballistic impact resistance of selected organic ophthalmic lenses. *Australasian journal of optometry, The*, **2011**, 94, 568-74	2.7	6

45	Sunglasses, the European directive and the European standard. *Ophthalmic and Physiological Optics*, **2010**, 30, 253-6	4.1	13
44	Colour change in cyanosis and the confusions of congenital colour vision deficient observers. *Ophthalmic and Physiological Optics*, **2010**, 30, 699-704	4.1	2
43	Performance of 'energy efficient' compact fluorescent lamps. *Australasian journal of optometry, The* , **2010**, 93, 66-76	2.7	6
42	Colour control in fly ash as a combined function of particle size and chemical composition. *Fuel*, **2010**, 89, 399-404	7.1	11
41	Dynamics of chromatic visual system processing differ in complexity between children and adults. *Journal of Vision*, **2009**, 9, 22.1-17	0.4	8
40	Cognitive abilities of children on a gray seriation test. *Optometry and Vision Science*, **2009**, 86, E701-7	2.1	9
39	Sunglasses, traffic signals, and color vision deficiencies. *Optometry and Vision Science*, **2009**, 86, e296-305	2.1	11
38	The correlation dimension: a useful objective measure of the transient visual evoked potential?. *Journal of Vision*, **2008**, 8, 6.1-21	0.4	19
37	Color vision in children and the Lanthony New Color Test. *Visual Neuroscience*, **2008**, 25, 441-4	1.7	11
36	Color and luminance increment thresholds in poor readers. *Visual Neuroscience*, **2008**, 25, 481-6	1.7	8
35	Color changes in cyanosis and the significance of congenital dichromasy and lighting. *Color Research and Application*, **2007**, 32, 428-432	1.3	5
34	Transient VEP and psychophysical chromatic contrast thresholds in children and adults. *Vision Research*, **2007**, 47, 2124-33	2.1	14
33	Illuminant and observer metamerism and the Hardy-Rand-Rittler color vision test editions. *Visual Neuroscience*, **2006**, 23, 685-94	1.7	8
32	Clinical colour vision tests. *Australasian journal of optometry, The*, **2004**, 87, 276-93	2.7	96
31	Differences in FM100-Hue test performance related to iris colour may be due to pupil size as well as presumed amounts of macular pigmentation. *Australasian journal of optometry, The*, **2004**, 87, 322-5	2.7	23
30	Colorimetric analysis of four editions of the Hardy-Rand-Rittler pseudoisochromatic tests. *Visual Neuroscience*, **2004**, 21, 437-43	1.7	14
29	Traffic signal color recognition is a problem for both protan and deutan color-vision deficients. *Human Factors*, **2003**, 45, 495-503	3.8	32
28	Sunglasses and sunglass standards. *Australasian journal of optometry, The*, **2003**, 86, 77-90	2.7	35

27	Evaluation of Colour Vision Testing Made Easy **2003**, 340-346		3
26	Survey of the Colour Vision Demands in Fire-Fighting **2003**, 347-353		3
25	Visual Abilities in Older Adults Explain Age-Differences in Stroop and Fluid Intelligence but Not Face Recognition: Implications for the Vision-Cognition Connection. *Aging, Neuropsychology, and Cognition*, **2002**, 9, 253-265	2.1	21
24	Assessment of fogging resistance of anti-fog personal eye protection. *Ophthalmic and Physiological Optics*, **1999**, 19, 357-61	4.1	22
23	A method for evaluating the acceptability of light sources for clinical visual evaluation of cyanosis. *Color Research and Application*, **1998**, 23, 4-17	1.3	13
22	Traffic signals and Q factors. *Color Research and Application*, **1998**, 23, 57-59	1.3	2
21	Colorimetric analysis and performance assessment of the Hahn New Pseudoisochromatic Colour Vision Test. *Color Research and Application*, **1998**, 23, 69-77	1.3	8
20	Daylight simulators and colour vision tests. *Ophthalmic and Physiological Optics*, **1998**, 18, 540-544	4.1	8
19	Skewness and transformations of Farnsworth-Munsell 100-hue test scores. *Vision Research*, **1998**, 38, 3473-6	2.1	10
18	IMPACT RESISTANCE OF HIGH INDEX HARD RESIN PRESCRIPTION LENSES. *Optometry and Vision Science*, **1995**, 72, 69	2.1	2
17	Ultraviolet protection in spectacle and sunglass lenses: claims vs performance. *Australasian journal of optometry, The*, **1993**, 76, 136-140	2.7	2
16	Transmittance characteristics of tinted hydrogel contact lenses intended to change iris colour. *Australasian journal of optometry, The*, **1993**, 76, 74-79	2.7	7
15	Identification of rigid gas permeable contact lens materials by means of ultraviolet-visible spectrophotometry. *Optometry and Vision Science*, **1993**, 70, 517-21	2.1	8
14	Comparison of the transmittance and coloration requirements of the four national sunglass standards. *Optometry and Vision Science*, **1993**, 70, 66-74	2.1	6
13	Characteristics of random arrangements of the Farnsworth Panel D-15 test. *Documenta Ophthalmologica Proceedings Series*, **1993**, 321-325		1
12	Suitability of fluorescent tube light sources for the Ishihara test as determined by colorimetric methods. *Documenta Ophthalmologica Proceedings Series*, **1993**, 327-333		5
11	The Hoya ULT-2000 and ULT-3000 universal light-transmission meters:a comparison using spectrophotometric data and Australian Sunglass Standard 1067 1990.. *Australasian journal of optometry, The*, **1992**, 75, 62-66	2.7	
10	Color-mediated contrast sensitivity in disabled readers. *Optometry and Vision Science*, **1991**, 68, 331-7	2.1	16

9	Evaluation of the Adams desaturated D-15 test with congenital color vision defects. *Documenta Ophthalmologica Proceedings Series*, **1991**, 125-133		3
8	The effects of size and analysis method on the performance of the Farnsworth-Munsell D-15 test. *Documenta Ophthalmologica Proceedings Series*, **1991**, 29-36		2
7	Comparison of the standard and Adams desaturated D-15 tests with congenital colour vision deficiencies. *Ophthalmic and Physiological Optics*, **1990**, 10, 40-45	4.1	15
6	Performance of the standard pseudoisochromatic plate test. *Optometry and Vision Science*, **1988**, 65, 561-70	2.1	11
5	Pressure testing of ophthalmic safety lenses: the effects on different materials. *Optometry and Vision Science*, **1988**, 65, 585-90	2.1	5
4	Spectral transmittance of tinted hydrogel contact lenses. *Optometry and Vision Science*, **1986**, 63, 941-7	2.1	14
3	Visual and ocular changes in VDU operators. *Public Health*, **1985**, 99, 275-87	4	2
2	Some Current Issues in the Mechanisms of Colour Vision. *Australasian journal of optometry, The*, **1984**, 67, 60-65	2.7	
1	Visual thresholds in dichromats and normals; the importance of post-receptoral processes. *Vision Research*, **1981**, 21, 573-80	2.1	31