

Stephen J Dain

List of Publications by Citations

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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.

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	Clinical colour vision tests. <i>Australasian journal of optometry, The</i> , 2004 , 87, 276-93	2.7	96
79	Sunglasses and sunglass standards. <i>Australasian journal of optometry, The</i> , 2003 , 86, 77-90	2.7	35
78	Traffic signal color recognition is a problem for both protan and deutan color-vision deficient. <i>Human Factors</i> , 2003 , 45, 495-503	3.8	32
77	Visual thresholds in dichromats and normals; the importance of post-receptoral processes. <i>Vision Research</i> , 1981 , 21, 573-80	2.1	31
76	Differences in FM100-Hue test performance related to iris colour may be due to pupil size as well as presumed amounts of macular pigmentation. <i>Australasian journal of optometry, The</i> , 2004 , 87, 322-5	2.7	23
75	Assessment of fogging resistance of anti-fog personal eye protection. <i>Ophthalmic and Physiological Optics</i> , 1999 , 19, 357-61	4.1	22
74	Visual Abilities in Older Adults Explain Age-Differences in Stroop and Fluid Intelligence but Not Face Recognition: Implications for the Vision-Cognition Connection. <i>Aging, Neuropsychology, and Cognition</i> , 2002 , 9, 253-265	2.1	21
73	Sports eyewear protective standards. <i>Australasian journal of optometry, The</i> , 2016 , 99, 4-23	2.7	20
72	The correlation dimension: a useful objective measure of the transient visual evoked potential?. <i>Journal of Vision</i> , 2008 , 8, 6.1-21	0.4	19
71	Color-mediated contrast sensitivity in disabled readers. <i>Optometry and Vision Science</i> , 1991 , 68, 331-7	2.1	16
70	Comparison of the standard and Adams desaturated D-15 tests with congenital colour vision deficiencies. <i>Ophthalmic and Physiological Optics</i> , 1990 , 10, 40-45	4.1	15
69	Transient VEP and psychophysical chromatic contrast thresholds in children and adults. <i>Vision Research</i> , 2007 , 47, 2124-33	2.1	14
68	Colorimetric analysis of four editions of the Hardy-Rand-Rittler pseudoisochromatic tests. <i>Visual Neuroscience</i> , 2004 , 21, 437-43	1.7	14
67	Spectral transmittance of tinted hydrogel contact lenses. <i>Optometry and Vision Science</i> , 1986 , 63, 941-7	2.1	14
66	Spectacle-related eye injuries, spectacle-impact performance and eye protection. <i>Australasian journal of optometry, The</i> , 2015 , 98, 203-9	2.7	13
65	Reliability revisited: autonomic responses in the context of everyday well-being. <i>International Journal of Cardiology</i> , 2013 , 166, 743-5	3.2	13
64	Sunglasses, the European directive and the European standard. <i>Ophthalmic and Physiological Optics</i> , 2010 , 30, 253-6	4.1	13

63	A method for evaluating the acceptability of light sources for clinical visual evaluation of cyanosis. <i>Color Research and Application</i> , 1998 , 23, 4-17	1.3	13
62	Normative values for a tablet computer-based application to assess chromatic contrast sensitivity. <i>Behavior Research Methods</i> , 2018 , 50, 673-683	6.1	12
61	Materials for occupational eye protectors. <i>Australasian journal of optometry, The</i> , 2012 , 95, 129-39	2.7	12
60	Sunglasses, traffic signals, and color vision deficiencies. <i>Optometry and Vision Science</i> , 2009 , 86, e296-305	2.1	11
59	Colour control in fly ash as a combined function of particle size and chemical composition. <i>Fuel</i> , 2010 , 89, 399-404	7.1	11
58	Color vision in children and the Lanthony New Color Test. <i>Visual Neuroscience</i> , 2008 , 25, 441-4	1.7	11
57	Performance of the standard pseudoisochromatic plate test. <i>Optometry and Vision Science</i> , 1988 , 65, 561-70	2.1	11
56	Limitations and Precautions in the Use of the Farnsworth-Munsell Dichotomous D-15 Test. <i>Optometry and Vision Science</i> , 2019 , 96, 695-705	2.1	11
55	Evaluation of tablet computers for visual function assessment. <i>Behavior Research Methods</i> , 2017 , 49, 548-558	6.1	10
54	Skewness and transformations of Farnsworth-Munsell 100-hue test scores. <i>Vision Research</i> , 1998 , 38, 3473-6	2.1	10
53	Color Vision and the Railways: Part 1. The Railway LED Lantern Test. <i>Optometry and Vision Science</i> , 2015 , 92, 138-46	2.1	9
52	Cognitive abilities of children on a gray seriation test. <i>Optometry and Vision Science</i> , 2009 , 86, E701-7	2.1	9
51	Re.: Is screening for congenital colour vision deficiency in school students worthwhile? A review. <i>Australasian journal of optometry, The</i> , 2015 , 98, 192	2.7	8
50	Dynamics of chromatic visual system processing differ in complexity between children and adults. <i>Journal of Vision</i> , 2009 , 9, 22.1-17	0.4	8
49	Colorimetric analysis and performance assessment of the Hahn New Pseudoisochromatic Colour Vision Test. <i>Color Research and Application</i> , 1998 , 23, 69-77	1.3	8
48	Daylight simulators and colour vision tests. <i>Ophthalmic and Physiological Optics</i> , 1998 , 18, 540-544	4.1	8
47	Color and luminance increment thresholds in poor readers. <i>Visual Neuroscience</i> , 2008 , 25, 481-6	1.7	8
46	Illuminant and observer metamerism and the Hardy-Rand-Rittler color vision test editions. <i>Visual Neuroscience</i> , 2006 , 23, 685-94	1.7	8

45	Identification of rigid gas permeable contact lens materials by means of ultraviolet-visible spectrophotometry. <i>Optometry and Vision Science</i> , 1993 , 70, 517-21	2.1	8
44	Colorimetric evaluation of iPhone apps for colour vision tests based on the Ishihara test. <i>Australasian journal of optometry, The</i> , 2016 , 99, 264-73	2.7	8
43	Transmittance characteristics of tinted hydrogel contact lenses intended to change iris colour. <i>Australasian journal of optometry, The</i> , 1993 , 76, 74-79	2.7	7
42	Ballistic impact resistance of selected organic ophthalmic lenses. <i>Australasian journal of optometry, The</i> , 2011 , 94, 568-74	2.7	6
41	Performance of 'energy efficient' compact fluorescent lamps. <i>Australasian journal of optometry, The</i> , 2010 , 93, 66-76	2.7	6
40	Home modification guidelines as recommended by visually impaired people. <i>Journal of Assistive Technologies</i> , 2012 , 6, 270-284		6
39	Comparison of the transmittance and coloration requirements of the four national sunglass standards. <i>Optometry and Vision Science</i> , 1993 , 70, 66-74	2.1	6
38	Color Vision and the Railways: Part 2. Comparison of the CN Lantern Used on the Canadian Railways and Railway LED Lantern Tests. <i>Optometry and Vision Science</i> , 2015 , 92, 147-51	2.1	5
37	Coping strategies may not be reflected by simulated performance-based measures of functional ability. <i>Journal of Optometry</i> , 2013 , 6, 101-108	2.6	5
36	Color changes in cyanosis and the significance of congenital dichromasy and lighting. <i>Color Research and Application</i> , 2007 , 32, 428-432	1.3	5
35	Pressure testing of ophthalmic safety lenses: the effects on different materials. <i>Optometry and Vision Science</i> , 1988 , 65, 585-90	2.1	5
34	Suitability of fluorescent tube light sources for the Ishihara test as determined by colorimetric methods. <i>Documenta Ophthalmologica Proceedings Series</i> , 1993 , 327-333		5
33	Development of color vision discrimination during childhood: differences between Blue-Yellow, Red-Green, and achromatic thresholds. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2018 , 35, B35-B42	1.8	4
32	Effect of Ultraviolet Exposure on Impact Resistance of Ophthalmic Lenses. <i>Optometry and Vision Science</i> , 2015 , 92, 1154-60	2.1	4
31	Innovative strategies for adaptation to loss of vision. <i>Australasian journal of optometry, The</i> , 2011 , 94, 98-102	2.7	4
30	The visibility of controls and labels on electronic devices and their suitability for people with impaired vision. <i>Work</i> , 2014 , 47, 309-17	1.6	3
29	Prescription compliance in ophthalmic lenses. <i>Australasian journal of optometry, The</i> , 2011 , 94, 341-7	2.7	3
28	Lighting for color vision examination in the era of LEDs: the FM100Hue Test. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020 , 37, A122-A132	1.8	3

27	Evaluation of the Adams desaturated D-15 test with congenital color vision defects. <i>Documenta Ophthalmologica Proceedings Series</i> , 1991 , 125-133		3
26	Evaluation of Colour Vision Testing Made Easy 2003 , 340-346		3
25	Survey of the Colour Vision Demands in Fire-Fighting 2003 , 347-353		3
24	The blue light dose from white light emitting diodes (LEDs) and other white light sources. <i>Ophthalmic and Physiological Optics</i> , 2020 , 40, 692-699	4.1	3
23	Out with the old, in with the new: how changes in cricket helmet regulations affect the vision of batters. <i>Journal of Sports Sciences</i> , 2019 , 37, 13-19	3.6	3
22	Color Vision and the Railways: Part 3. Comparison of FaLant, OPTEC 900, and Railway LED Lantern Tests. <i>Optometry and Vision Science</i> , 2015 , 92, 152-6	2.1	2
21	Recognition of simulated cyanosis by color-vision-normal and color-vision-deficient subjects. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014 , 31, A303-6	1.8	2
20	Colour change in cyanosis and the confusions of congenital colour vision deficient observers. <i>Ophthalmic and Physiological Optics</i> , 2010 , 30, 699-704	4.1	2
19	Traffic signals and Q factors. <i>Color Research and Application</i> , 1998 , 23, 57-59	1.3	2
18	Ultraviolet protection in spectacle and sunglass lenses: claims vs performance. <i>Australasian journal of optometry, The</i> , 1993 , 76, 136-140	2.7	2
17	IMPACT RESISTANCE OF HIGH INDEX HARD RESIN PRESCRIPTION LENSES. <i>Optometry and Vision Science</i> , 1995 , 72, 69	2.1	2
16	Visual and ocular changes in VDU operators. <i>Public Health</i> , 1985 , 99, 275-87	4	2
15	The effects of size and analysis method on the performance of the Farnsworth-Munsell D-15 test. <i>Documenta Ophthalmologica Proceedings Series</i> , 1991 , 29-36		2
14	Ultraviolet radiation transmission of soft disposable contact lenses and ISO 18369: claims and compliance. <i>Australasian journal of optometry, The</i> , 2021 , 104, 579-582	2.7	2
13	When is protection from impact needed for the face as well as the eyes in occupational environments?. <i>Australasian journal of optometry, The</i> , 2018 , 101, 392-396	2.7	2
12	Impact resistance and prescription compliance with AS/NZS 1337.6:2010. <i>Australasian journal of optometry, The</i> , 2013 , 96, 472-8	2.7	1
11	The Farnsworth Flashlight is not equivalent to the Farnsworth Lantern. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012 , 29, A377-82	1.8	1
10	Characteristics of random arrangements of the Farnsworth Panel D-15 test. <i>Documenta Ophthalmologica Proceedings Series</i> , 1993 , 321-325		1

- 9 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
- 8 How practitioners say they answer the questions of patients about ultraviolet protection. *Australasian journal of optometry, The*, **2021**, 1-7 2.7 1
- 7 Optical performance of welding curtains and existing standards. *Journal of Occupational and Environmental Hygiene*, **2021**, 18, 314-322 2.9 0
- 6 Effect of blue-blocking lenses on colour discrimination. *Australasian journal of optometry, The*, **2021**, 104, 56-61 2.7 0
- 5 Severe alkali burns from beer line cleaners warrant mandatory safety guidelines. *Medical Journal of Australia*, **2015**, 202, 79 4
- 4 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
- 3 The Hoya ULT-2000 and ULT-3000 universal light-transmission meters:a comparison using spectrophotometric data and Australian Sunglass Standard 106711990.. *Australasian journal of optometry, The*, **1992**, 75, 62-66 2.7
- 2 Some Current Issues in the Mechanisms of Colour Vision. *Australasian journal of optometry, The*, **1984**, 67, 60-65 2.7
- 1 The assessment of scattered light in ophthalmic materials. *Color Research and Application*, **2016**, 41, 416-433 4.3