

# John G Lawrenson

## List of Publications by Year in descending order

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108  
papers

3,235  
citations

186209

28  
h-index

182361

51  
g-index

109  
all docs

109  
docs citations

109  
times ranked

3595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pericytes: Cell Biology and Pathology. Cells Tissues Organs, 2001, 169, 1-11.	1.3	399
2	Contractile proteins in pericytes at the blood-brain and blood-retinal barriers. Journal of Neurocytology, 2001, 30, 35-44.	1.6	203
3	Global prevalence of childhood cataract: a systematic review. Eye, 2016, 30, 1160-1169.	1.1	193
4	Antioxidant vitamin and mineral supplements for slowing the progression of age-related macular degeneration. The Cochrane Library, 2017, 2017, CD000254.	1.5	126
5	The effect of blueâ€light blocking spectacle lenses on visual performance, macular health and the sleepâ€wake cycle: a systematic review of the literature. Ophthalmic and Physiological Optics, 2017, 37, 644-654.	1.0	111
6	Antioxidant vitamin and mineral supplements for preventing age-related macular degeneration. The Cochrane Library, 2017, 2017, CD000253.	1.5	108
7	Is the pial microvessel a good model for blood-brain barrier studies?. Brain Research Reviews, 1997, 24, 67-76.	9.1	102
8	Barriers to and enablers of diabetic retinopathy screening attendance: a systematic review of published and grey literature. Diabetic Medicine, 2018, 35, 1308-1319.	1.2	95
9	The bloodâ€nerve barrier: enzymes, transporters and receptorsâ€a comparison with the bloodâ€brain barrier. Brain Research Bulletin, 2000, 52, 1-12.	1.4	83
10	Antioxidant vitamin and mineral supplements for slowing the progression of age-related macular degeneration. , 2012, 11, CD000254.		71
11	Oral omega-6 essential fatty acid treatment in contact lens associated dry eye. Contact Lens and Anterior Eye, 2008, 31, 141-146.	0.8	66
12	P-Glycoprotein expression in human retinal pigment epithelium cell lines. Experimental Eye Research, 2006, 83, 24-30.	1.2	62
13	Evaluation of a new rebound tonometer for self-measurement of intraocular pressure. British Journal of Ophthalmology, 2016, 100, 1139-1143.	2.1	60
14	Investigation of limbal touch sensitivity using a Cochet-Bonnet aesthesiometer.. British Journal of Ophthalmology, 1993, 77, 339-343.	2.1	55
15	Interventions to increase attendance for diabetic retinopathy screening. The Cochrane Library, 2018, 1, CD012054.	1.5	54
16	A comparison of blood-brain barrier and blood-nerve barrier endothelial cell markers. Anatomy and Embryology, 1999, 199, 509-517.	1.5	52
17	Advice about diet and smoking for people with or at risk of age-related macular degeneration: a cross-sectional survey of eye care professionals in the UK. BMC Public Health, 2013, 13, 564.	1.2	51
18	Effectiveness of <sc>UK</sc> optometric enhanced eye care services: a realist review of the literature. Ophthalmic and Physiological Optics, 2016, 36, 545-557.	1.0	49

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19	Tear-film lipid layer morphology and corneal sensation in the development of blinking in neonates and infants. <i>Journal of Anatomy</i> , 2005, 206, 265-270.	0.9	45
20	A national survey of diagnostic tests reported by UK community optometrists for the detection of chronic open angle glaucoma. <i>Ophthalmic and Physiological Optics</i> , 2011, 31, 353-359.	1.0	40
21	Omega 3 fatty acids for preventing or slowing the progression of age-related macular degeneration. <i>The Cochrane Library</i> , 2015, 2015, CD010015.	1.5	40
22	A survey of current and anticipated use of standard and specialist equipment by <sc>UK</sc> optometrists. <i>Ophthalmic and Physiological Optics</i> , 2014, 34, 592-613.	1.0	38
23	Acquired colour vision deficiency in patients receiving digoxin maintenance therapy. <i>British Journal of Ophthalmology</i> , 2002, 86, 1259-1261.	2.1	36
24	Touch sensitivity of the eyelid margin and palpebral conjunctiva. <i>Acta Ophthalmologica</i> , 1994, 72, 57-60.	0.6	36
25	Antioxidant vitamin and mineral supplements for preventing age-related macular degeneration. , 2012, , CD000253.		36
26	Development of endothelial paracellular clefts and their tight junctions in the pial microvessels of the rat. <i>Journal of Neurocytology</i> , 1997, 26, 567-575.	1.6	35
27	What works to increase attendance for diabetic retinopathy screening? An evidence synthesis and economic analysis. <i>Health Technology Assessment</i> , 2018, 22, 1-160.	1.3	35
28	A survey of the scope of therapeutic practice by UK optometrists and their attitudes to an extended prescribing role. <i>Ophthalmic and Physiological Optics</i> , 2008, 28, 193-203.	1.0	32
29	Noncontact Screening Methods for the Detection of Narrow Anterior Chamber Angles. , 2015, 56, 3929.		31
30	Analysis of a Systematic Review About Blue Lightâ€“Filtering Intraocular Lenses for Retinal Protection. <i>JAMA Ophthalmology</i> , 2019, 137, 694.	1.4	31
31	Cerebral and pial microvessels: differential expression of Î³-glutamyl transpeptidase and alkaline phosphatase. <i>Anatomy and Embryology</i> , 1999, 199, 29-34.	1.5	30
32	A review of the evidence for dietary interventions in preventing or slowing the progression of ageâ€“related macular degeneration. <i>Ophthalmic and Physiological Optics</i> , 2014, 34, 390-396.	1.0	29
33	Barriers perceived by UK-based community optometrists to the detection of primary open angle glaucoma. <i>Ophthalmic and Physiological Optics</i> , 2010, 30, 847-853.	1.0	26
34	Differential distribution of an endothelial barrier antigen between the pial and cortical microvessels of the rat. <i>Brain Research</i> , 1997, 744, 335-338.	1.1	25
35	Barriers and enablers to diabetic retinopathy screening attendance: Protocol for a systematic review. <i>Systematic Reviews</i> , 2016, 5, 134.	2.5	25
36	Evaluation of a minor eye conditions scheme delivered by community optometrists. <i>BMJ Open</i> , 2016, 6, e011832.	0.8	24

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37	Care pathways for glaucoma detection and monitoring in the UK. <i>Eye</i> , 2020, 34, 89-102.	1.1	24
38	Diagnostic Accuracy of Technologies for Glaucoma Case-Finding in a Community Setting. <i>Ophthalmology</i> , 2015, 122, 2407-2415.	2.5	23
39	COVID-19 and the eye. <i>Ophthalmic and Physiological Optics</i> , 2020, 40, 383-388.	1.0	23
40	Trends in diabetic retinopathy screening attendance and associations with vision impairment attributable to diabetes in a large nationwide cohort. <i>Diabetic Medicine</i> , 2021, 38, e14425.	1.2	23
41	Corneal sensitivity in health and disease. <i>Ophthalmic and Physiological Optics</i> , 1997, 17, S17-S22.	1.0	22
42	Effect of beam variables on corneal sensitivity after excimer laser photorefractive keratectomy. <i>British Journal of Ophthalmology</i> , 1997, 81, 686-690.	2.1	21
43	An economic comparison of hospital-based and community-based glaucoma clinics. <i>Eye</i> , 2012, 26, 967-971.	1.1	20
44	A qualitative study of stakeholder views regarding participation in locally commissioned enhanced optometric services. <i>BMJ Open</i> , 2014, 4, e004781.	0.8	20
45	Nutrition and Eye Health. <i>Nutrients</i> , 2019, 11, 2123.	1.7	20
46	Does optometrists' self-reported practice in glaucoma detection predict actual practice as determined by standardised patients?. <i>Ophthalmic and Physiological Optics</i> , 2012, 32, 234-241.	1.0	19
47	Delay in presentation to hospital for childhood cataract surgery in India. <i>Eye</i> , 2018, 32, 1811-1818.	1.1	19
48	Time spent outdoors as an intervention for myopia prevention and control in children: an overview of systematic reviews. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 545-558.	1.0	19
49	Topical non-steroidal anti-inflammatory drugs for analgesia in traumatic corneal abrasions. <i>The Cochrane Library</i> , 2017, 5, CD009781.	1.5	18
50	Non-contact tests for identifying people at risk of primary angle closure glaucoma. <i>The Cochrane Library</i> , 2020, 2020, CD012947.	1.5	18
51	Impact of optical coherence tomography on diagnostic decision-making by UK community optometrists: a clinical vignette study. <i>Ophthalmic and Physiological Optics</i> , 2019, 39, 205-215.	1.0	17
52	Molecular characteristics of pial microvessels of the rat optic nerve. Can pial microvessels be used as a model for the blood-brain barrier?. <i>Cell and Tissue Research</i> , 1997, 288, 259-265.	1.5	16
53	A Rho-associated kinase mitigates reperfusion-induced change in the shape of cardiac capillary endothelial cells in situ. <i>Cardiovascular Research</i> , 2003, 57, 195-206.	1.8	16
54	Clinical safety of a minor eye conditions scheme in England delivered by community optometrists. <i>BMJ Open Ophthalmology</i> , 2018, 3, e000125.	0.8	16

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55	Interventions for convergence insufficiency: a network meta-analysis. The Cochrane Library, 2020, 2020, CD006768.	1.5	16
56	A comparison of the efficacy and duration of action of topically applied proxymetacaine using a novel ophthalmic delivery system versus eye drops in healthy young volunteers.. British Journal of Ophthalmology, 1993, 77, 713-715.	2.1	15
57	Molecular characterization of anionic sites on the luminal front of endoneurial capillaries in sciatic nerve. Journal of Neurocytology, 1994, 23, 29-37.	1.6	15
58	Development of a competency framework for optometrists with a specialist interest in glaucoma. Eye, 2010, 24, 1509-1514.	1.1	15
59	Multi-stakeholder perspectives of locally commissioned enhanced optometric services. BMJ Open, 2016, 6, e011934.	0.8	15
60	Clinical effectiveness of the Manchester Glaucoma Enhanced Referral Scheme. British Journal of Ophthalmology, 2019, 103, 1066-1071.	2.1	15
61	Effects of dipivefrin and pilocarpine on pupil diameter, automated perimetry and LogMAR acuity. Graefe's Archive for Clinical and Experimental Ophthalmology, 1999, 237, 117-124.	1.0	14
62	The neonatal tear film. Contact Lens and Anterior Eye, 2003, 26, 197-202.	0.8	14
63	The impact of postgraduate training on <scp>UK</scp> optometristsâ€™ clinical decisionâ€™making in glaucoma. Ophthalmic and Physiological Optics, 2014, 34, 376-384.	1.0	14
64	Methodology and reporting of diagnostic accuracy studies of automated perimetry in glaucoma: evaluation using a standardised approach. Ophthalmic and Physiological Optics, 2015, 35, 315-323.	1.0	13
65	Light and alcohol evoked electro-oculograms in cystic fibrosis. Documenta Ophthalmologica, 2006, 113, 133-143.	1.0	12
66	Hospital-based glaucoma clinics: what are the costs to patients?. Eye, 2010, 24, 999-1005.	1.1	12
67	Distribution of a putative endothelial barrier antigen in the ocular and orbital tissues of the rat.. British Journal of Ophthalmology, 1995, 79, 462-466.	2.1	11
68	Glial cell factors and the outer blood retinal barrier. Ophthalmic and Physiological Optics, 2009, 29, 557-564.	1.0	11
69	Retrospective economic analysis of the transfer of services from hospitals to the community: an application to an enhanced eye care service. BMJ Open, 2017, 7, e014089.	0.8	10
70	Impact of the Manchester Glaucoma Enhanced Referral Scheme on NHS costs. BMJ Open Ophthalmology, 2019, 4, e000278.	0.8	10
71	Omega 3 fatty acids for preventing or slowing the progression of age-related macular degeneration. , 2012, 11, CD010015.		9
72	Efficacy of coloured overlays and lenses for treating reading difficulty: an overview of systematic reviews. Australasian journal of optometry, The, 2018, 101, 514-520.	0.6	9

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73	A Critical Appraisal of National and International Clinical Practice Guidelines Reporting Nutritional Recommendations for Age-Related Macular Degeneration: Are Recommendations Evidence-Based?. <i>Nutrients</i> , 2019, 11, 823.	1.7	9
74	Slit-lamp and histological observations of the normal limbal vasculature and their significance for contact lens wear. <i>Journal of the British Contact Lens Association</i> , 1991, 14, 169-172.	0.2	7
75	Controversies in the Use of Nutritional Supplements in Ophthalmology. <i>Current Pharmaceutical Design</i> , 2015, 21, 4667-4672.	0.9	7
76	Barriers and enablers to diabetic eye screening attendance: an interview study with young adults with type 1 diabetes. <i>Diabetic Medicine</i> , 2021, , e14751.	1.2	7
77	Endothelial Anionic Surface Charge: The Effect of its Neutralization on the Blood-Nerve Barrier. Endothelium: <i>Journal of Endothelial Cell Research</i> , 1994, 2, 239-248.	1.7	6
78	Ultrastructural and Morphometric Comparison of Retinal and Myocardial Capillaries Following Acute Ischaemia. <i>Microvascular Research</i> , 2002, 64, 65-74.	1.1	6
79	Agreement among optometrists and ophthalmologists in estimating limbal anterior chamber depth using the van Herick method. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 179-185.	1.0	6
80	A survey of UK optometry trainees' smoking cessation training. <i>Ophthalmic and Physiological Optics</i> , 2016, 36, 494-502.	1.0	6
81	Initial experience in self-monitoring of intraocular pressure. <i>European Journal of Ophthalmology</i> , 2021, 31, 1326-1332.	0.7	6
82	Identification and critical appraisal of evidence for interventions for refractive error to support the development of the WHO package of eye care interventions: a systematic review of clinical practice guidelines. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 526-533.	1.0	6
83	Corneal glycoconjugates: an ultrastructural lectin-gold study. <i>The Histochemical Journal</i> , 1998, 30, 51-60.	0.6	5
84	A pilot study of the feasibility of delivering a brief smoking cessation intervention in community optometric practice. <i>Public Health</i> , 2015, 129, 149-151.	1.4	5
85	Cross reactivity of polyclonal GFAP antiserum: implications for the in-vitro characterisation of brain endothelium. <i>Brain Research</i> , 2004, 1012, 185-186.	1.1	4
86	The effect of varying glucose levels on the <i>ex vivo</i> crystalline lens: implications for hyperglycaemia-induced refractive changes. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 52-59.	1.0	4
87	Interventions to increase attendance for diabetic retinopathy screening. <i>The Cochrane Library</i> , 0, , .	1.5	4
88	Blue-light filtering spectacle lenses for visual performance, sleep, and macular health in adults. <i>The Cochrane Library</i> , 0, , .	1.5	4
89	Role of advanced technology in the detection of sight-threatening eye disease in a UK community setting. <i>BMJ Open Ophthalmology</i> , 2019, 4, e000347.	0.8	3
90	Interventions for myopia control in children: a living systematic review and network meta-analysis. <i>The Cochrane Library</i> , 0, , .	1.5	3

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91	Identifying priority review questions for Cochrane Eyes and Vision: protocol for a priority setting exercise. <i>BMJ Open</i> , 2021, 11, e046319.	0.8	3
92	Perceived barriers and enablers to the provision of diabetic retinopathy screening for young adults: a cross-sectional survey of healthcare professionals working in the UK National Diabetic Eye Screening Programme. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002436.	1.2	3
93	Non-contact methods for the detection of people at risk of primary angle closure glaucoma. <i>The Cochrane Library</i> , 2018, , .	1.5	2
94	Development and validation of a new glaucoma screening test using temporally modulated flicker. <i>Ophthalmic and Physiological Optics</i> , 2018, 38, 617-628.	1.0	2
95	Seeing New Opportunities to Help Smokers Quit: A UK National Survey of Optometrist-Delivered Smoking Cessation Behavioral Support Interventions. <i>Nicotine and Tobacco Research</i> , 2019, 21, 655-662.	1.4	2
96	Optic nerve microvessels: a partial molecular definition of cell surface anionic sites. <i>Experimental Eye Research</i> , 1995, 61, 393-401.	1.2	1
97	Production and drainage of aqueous humour. , 2007, , 17-26.		1
98	Dietary interventions for AMD: what do we know and what do we not know?. <i>British Journal of Ophthalmology</i> , 2013, 97, 1089-1090.	2.1	1
99	Rapid expansion of optometry student numbers in the UK: potential for significant risk. <i>Ophthalmic and Physiological Optics</i> , 2018, 38, 471-473.	1.0	1
100	Prognostic factors for the development and progression of proliferative diabetic retinopathy in people with diabetic retinopathy. <i>The Cochrane Library</i> , 2020, , .	1.5	1
101	Cochrane corner: Atropine: an ancient remedy for a twenty-first century problem?. <i>Eye</i> , 2020, 34, 1734-1736.	1.1	1
102	ÊEvaluation of training, patient and practitioner perspectives on communityÊbased monitoring of patients with stable ageÊrelated macular degeneration compared to hospitalÊbased care: The FENETRE study report no. 1. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 864-873.	1.0	1
103	Histopathology and pathogenesis of glaucomatous optic neuropathy. , 2007, , 27-35.		0
104	Author's response. <i>Ophthalmic and Physiological Optics</i> , 2014, 34, 102-103.	1.0	0
105	Authors' reply. <i>Ophthalmic and Physiological Optics</i> , 2017, 37, 113-114.	1.0	0
106	Cochrane Risk of Bias : ÊYour common man has no conception of the zeal that animates a scientific investigator, the fury of contradiction you can arouse in himÊ™. <i>Ophthalmic and Physiological Optics</i> , 2017, 37, 627-628.	1.0	0
107	Response to ÊComment on: Cochrane corner: Atropine: an ancient remedy for a twenty-first century problemÊ™. <i>Eye</i> , 2020, 35, 2636-2637.	1.1	0
108	Methodological challenges and opportunities in evaluating clinical safety in primary eyecare services. <i>Ophthalmic and Physiological Optics</i> , 2022, , .	1.0	0