

Charles N J McGhee

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.

271
papers

6,139
citations

41
h-index

66
g-index

290
ext. papers

7,143
ext. citations

3
avg, IF

6.18
L-index

#	Paper	IF	Citations
271	Mapping of the normal human corneal sub-Basal nerve plexus by in vivo laser scanning confocal microscopy. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 4485-8		210
270	Locally administered ocular corticosteroids: benefits and risks. <i>Drug Safety</i> , 2002 , 25, 33-55	5.1	208
269	Orbscan computerized topography: attributes, applications, and limitations. <i>Journal of Cataract and Refractive Surgery</i> , 2005 , 31, 205-20	2.3	170
268	The genetics of keratoconus. <i>Clinical and Experimental Ophthalmology</i> , 2001 , 29, 345-51	2.4	166
267	Biomechanical responses of healthy and keratoconic corneas measured using a noncontact scheimpflug-based tonometer 2014 , 55, 3651-9		141
266	Clinical in vivo confocal microscopy of the human cornea in health and disease. <i>Progress in Retinal and Eye Research</i> , 2010 , 29, 30-58	20.5	140
265	Contemporary in vivo confocal microscopy of the living human cornea using white light and laser scanning techniques: a major review. <i>Clinical and Experimental Ophthalmology</i> , 2007 , 35, 71-88	2.4	126
264	Comparison of corneal thickness measurements using ultrasound and Orbscan slit-scanning topography in normal and post-LASIK eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2001 , 27, 1823-8	2.3	125
263	Laser scanning in vivo confocal microscopy reveals reduced innervation and reduction in cell density in all layers of the keratoconic cornea 2008 , 49, 2964-70		114
262	Mapping the corneal sub-basal nerve plexus in keratoconus by in vivo laser scanning confocal microscopy. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 1348-51		107
261	Severe infective keratitis leading to hospital admission in New Zealand. <i>British Journal of Ophthalmology</i> , 2003 , 87, 1103-8	5.5	103
260	Comparison and repeatability of keratometric and corneal power measurements obtained by Orbscan II, Pentacam, and Galilei corneal tomography systems. <i>American Journal of Ophthalmology</i> , 2013 , 156, 53-60	4.9	98
259	Corneal innervation and cellular changes after corneal transplantation: an in vivo confocal microscopy study. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 621-6		97
258	Assessing the sub-basal nerve plexus of the living healthy human cornea by in vivo confocal microscopy. <i>Clinical and Experimental Ophthalmology</i> , 2002 , 30, 187-90	2.4	94
257	Indications for corneal transplantation in New Zealand: 1991-1999. <i>Cornea</i> , 2002 , 21, 152-5	3.1	87
256	Corneal sensitivity and slit scanning in vivo confocal microscopy of the subbasal nerve plexus of the normal central and peripheral human cornea. <i>Cornea</i> , 2009 , 28, 735-40	3.1	85
255	In vivo laser scanning confocal microscopy confirms that the human corneal sub-basal nerve plexus is a highly dynamic structure 2008 , 49, 3409-12		85

254	Laser scanning in vivo confocal analysis of keratocyte density in keratoconus. <i>Ophthalmology</i> , 2008 , 115, 845-50	7.3	84
253	Acute wound healing in the human central corneal epithelium appears to be independent of limbal stem cell influence 2008 , 49, 5279-86		83
252	Laser scanning in vivo confocal microscopy of the normal human corneoscleral limbus. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 2823-7		82
251	Functional, psychological, and satisfaction outcomes of laser in situ keratomileusis for high myopia. <i>Journal of Cataract and Refractive Surgery</i> , 2000 , 26, 497-509	2.3	75
250	Contemporary Treatment Paradigms in Keratoconus. <i>Cornea</i> , 2015 , 34 Suppl 10, S16-23	3.1	73
249	New therapeutic approaches in the treatment of diabetic keratopathy: a review. <i>Clinical and Experimental Ophthalmology</i> , 2011 , 39, 259-70	2.4	72
248	Topical antibiotics for the management of bacterial keratitis: an evidence-based review of high quality randomised controlled trials. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1470-7	5.5	66
247	The influence of tilt, decentration, and pupil size on the higher-order aberration profile of aspheric intraocular lenses. <i>Ophthalmology</i> , 2011 , 118, 1724-31	7.3	63
246	Penetration of topical and subconjunctival corticosteroids into human aqueous humour and its therapeutic significance. <i>British Journal of Ophthalmology</i> , 2009 , 93, 708-13	5.5	61
245	Trends in the distribution of donor corneal tissue and indications for corneal transplantation: the New Zealand National Eye Bank Study 2000-2009. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 141-7	2.4	58
244	In Vivo Confocal Microscopy of Corneal Nerves: An Ocular Biomarker for Peripheral and Cardiac Autonomic Neuropathy in Type 1 Diabetes Mellitus 2015 , 56, 5060-5		58
243	Regulation of connexin43 gap junction protein triggers vascular recovery and healing in human ocular persistent epithelial defect wounds. <i>Journal of Membrane Biology</i> , 2012 , 245, 381-8	2.3	57
242	Citation analysis and journal impact factors in ophthalmology and vision science journals. <i>Clinical and Experimental Ophthalmology</i> , 2003 , 31, 14-22	2.4	57
241	Repeatability and Agreement of Orbscan II, Pentacam HR, and Galilei Tomography Systems in Corneas With Keratoconus. <i>American Journal of Ophthalmology</i> , 2017 , 175, 122-128	4.9	55
240	The New Zealand National Eye Bank study 1991-2003: a review of the source and management of corneal tissue. <i>Cornea</i> , 2005 , 24, 576-82	3.1	55
239	Acute corneal hydrops in keratoconus - new perspectives. <i>American Journal of Ophthalmology</i> , 2014 , 157, 921-8	4.9	54
238	In vivo confocal microscopy analyses of corneal microstructural changes in a prospective study of collagen cross-linking in keratoconus. <i>Ophthalmology</i> , 2014 , 121, 469-74	7.3	52
237	Assessing the accuracy of Orbscan II post-LASIK: apparent keratectasia is paradoxically associated with anterior chamber depth reduction in successful procedures. <i>Clinical and Experimental Ophthalmology</i> , 2005 , 33, 147-52	2.4	51

236	2008 Sir Norman McAlister Gregg Lecture: 150 years of practical observations on the conical cornea--what have we learned?. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 160-76	2.4	50
235	Peripheral neuropathy and tear film dysfunction in type 1 diabetes mellitus. <i>Journal of Diabetes Research</i> , 2014 , 2014, 848659	3.9	45
234	In vivo confocal microscopy of posterior polymorphous dystrophy. <i>Cornea</i> , 2005 , 24, 550-4	3.1	44
233	The incidence of acute anterior uveitis after intravenous zoledronate. <i>Ophthalmology</i> , 2013 , 120, 773-6	7.3	43
232	Accuracy of Orbscan II slit-scanning elevation topography. <i>Journal of Cataract and Refractive Surgery</i> , 2002 , 28, 2181-7	2.3	43
231	Improved corneal wound healing through modulation of gap junction communication using connexin43-specific antisense oligodeoxynucleotides 2012 , 53, 1130-8		41
230	Higher-order aberrations of lenticular opacities. <i>Journal of Cataract and Refractive Surgery</i> , 2004 , 30, 1642-8	2.3	41
229	Differential diagnosis of corneal oedema assisted by in vivo confocal microscopy. <i>Clinical and Experimental Ophthalmology</i> , 2001 , 29, 133-7	2.4	41
228	Imaging posterior polymorphous corneal dystrophy by in vivo confocal microscopy. <i>Clinical and Experimental Ophthalmology</i> , 2001 , 29, 256-9	2.4	41
227	A new perspective on the pathobiology of keratoconus: interplay of stromal wound healing and reactive species-associated processes. <i>Australasian journal of optometry, The</i> , 2013 , 96, 188-96	2.7	40
226	Citation analysis of the most influential authors and ophthalmology journals in the field of cataract and corneal refractive surgery 2000-2004. <i>Clinical and Experimental Ophthalmology</i> , 2008 , 36, 54-61	2.4	40
225	Safety and predictability of laser in situ keratomileusis enhancement by flap reelevation in high myopia. <i>Journal of Cataract and Refractive Surgery</i> , 2001 , 27, 593-603	2.3	39
224	Corneal microstructural changes in nerve fiber, endothelial and epithelial density after cataract surgery in patients with diabetes mellitus. <i>Cornea</i> , 2015 , 34, 177-81	3.1	36
223	Computerized corneal tomography and associated features in a large New Zealand keratoconic population. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 1493-501	2.3	36
222	Corneal nerve microstructure in Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , 2017 , 39, 53-58	2.2	35
221	The Auckland Cataract Study: demographic, corneal topographic and ocular biometric parameters. <i>Clinical and Experimental Ophthalmology</i> , 2001 , 29, 381-6	2.4	35
220	A brief history of corneal transplantation: From ancient to modern. <i>Oman Journal of Ophthalmology</i> , 2013 , 6, S12-7	0.7	33
219	Ophthalmology and vision science research. Part 1: Understanding and using journal impact factors and citation indices. <i>Journal of Cataract and Refractive Surgery</i> , 2005 , 31, 1999-2007	2.3	33

218	Microstructural assessment of rare corneal dystrophies using real-time in vivo confocal microscopy. <i>Clinical and Experimental Ophthalmology</i> , 2001 , 29, 281-5	2.4	33
217	The Auckland keratoconus study: identifying predictors of acute corneal hydrops in keratoconus. <i>Australasian journal of optometry, The</i> , 2013 , 96, 208-13	2.7	32
216	Imaging the microstructural abnormalities of meesmann corneal dystrophy by in vivo confocal microscopy. <i>Cornea</i> , 2005 , 24, 669-73	3.1	32
215	Natural history of corneal haze after corneal collagen crosslinking in keratoconus using Scheimpflug analysis. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 1053-9	2.3	32
214	Effect of a standard paired arcuate incision and augmentation sutures on postkeratoplasty astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , 2000 , 26, 553-61	2.3	31
213	Focused Tortuosity Definitions Based on Expert Clinical Assessment of Corneal Subbasal Nerves 2015 , 56, 5102-9		30
212	New Zealand trends in corneal transplantation over the 25 years 1991-2015. <i>British Journal of Ophthalmology</i> , 2017 , 101, 834-838	5.5	29
211	Surgical detachment of Descemet@ membrane and endothelium imaged over time by in vivo confocal microscopy. <i>Clinical and Experimental Ophthalmology</i> , 2004 , 32, 539-42	2.4	29
210	Effectiveness of cataract phacoemulsification with toric intraocular lenses in addressing astigmatism after keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2014 , 40, 2044-9	2.3	28
209	Manuscript rejection in ophthalmology and visual science journals: identifying and avoiding the common pitfalls. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 864-7	2.4	28
208	Teaching of ophthalmology in undergraduate curricula: a survey of Australasian and Asian medical schools. <i>Clinical and Experimental Ophthalmology</i> , 2007 , 35, 310-7	2.4	28
207	International values of corneal elevation in normal subjects by rotating Scheimpflug camera. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 1817-21	2.3	27
206	The Auckland Cataract Study: Assessing Preoperative Risk Stratification Systems for Phacoemulsification Surgery in a Teaching Hospital. <i>American Journal of Ophthalmology</i> , 2016 , 171, 145-150	4.9	26
205	In vivo microstructural analysis of the cornea in Scheie@ syndrome. <i>Cornea</i> , 2003 , 22, 76-9	3.1	26
204	Cystoid macular oedema following cataract surgery: A review. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 346-356	2.4	25
203	Resurgence of Acanthamoeba keratitis in Auckland, New Zealand: a 7-year review of presentation and outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2010 , 38, 15-20; quiz 87	2.4	25
202	In vivo confocal microscopy of subepithelial infiltrates in human corneal transplant rejection. <i>Cornea</i> , 2007 , 26, 501-4	3.1	25
201	The natural history of corneal topographic progression of keratoconus after age 30 years in non-contact lens wearers. <i>British Journal of Ophthalmology</i> , 2017 , 101, 839-844	5.5	24

200	The rising tide of Acanthamoeba keratitis in Auckland, New Zealand: a 7-year review of presentation, diagnosis and outcomes (2009-2016). <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 600-607	2.4	24
199	Functional and anatomical remodeling in human retinal detachment. <i>Experimental Eye Research</i> , 2012 , 97, 73-89	3.7	24
198	Characterization of a Novel Collagen Scaffold for Corneal Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2016 , 22, 165-172	2.9	23
197	An Immunohistochemical Study of Inflammatory Cell Changes and Matrix Remodeling With and Without Acute Hydrops in Keratoconus 2015 , 56, 5831-7		23
196	Outcomes of scleral-sutured conventional and aniridia intraocular lens implantation performed in a university hospital setting. <i>Journal of Cataract and Refractive Surgery</i> , 2014 , 40, 609-17	2.3	23
195	Outbreak of diffuse lamellar keratitis caused by marking-pen toxicity. <i>Journal of Cataract and Refractive Surgery</i> , 2008 , 34, 1121-4	2.3	23
194	The waiting game: natural history of a cataract waiting list in New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2001 , 29, 376-80	2.4	23
193	Derivation of Corneal Keratocyte-Like Cells from Human Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2016 , 11, e0165464	3.7	23
192	Dr John Nottingham@ 1854 Landmark Treatise on Conical Cornea Considered in the Context of the Current Knowledge of Keratoconus. <i>Cornea</i> , 2016 , 35, 673-8	3.1	23
191	Umbilical cord stem cells in the treatment of corneal disease. <i>Survey of Ophthalmology</i> , 2017 , 62, 803-816.1		22
190	The early history of keratoconus prior to Nottingham@ landmark 1854 treatise on conical cornea: a review. <i>Australasian journal of optometry, The</i> , 2013 , 96, 140-5	2.7	22
189	Acanthamoeba keratitis: a comprehensive photographic reference of common and uncommon signs. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 232-8	2.4	22
188	The New Zealand National Eye Bank study: trends in the acquisition and storage of corneal tissue over the decade 2000 to 2009. <i>Cornea</i> , 2012 , 31, 538-45	3.1	22
187	Rapid visual recovery after penetrating keratoplasty for keratoconus. <i>Clinical and Experimental Ophthalmology</i> , 2008 , 36, 725-30	2.4	22
186	The New Zealand National Eye Bank: survival and visual outcome 1 year after penetrating keratoplasty. <i>Cornea</i> , 2011 , 30, 760-4	3.1	21
185	Interocular comparison by in vivo confocal microscopy of the 2-dimensional architecture of the normal human corneal subbasal nerve plexus. <i>Cornea</i> , 2012 , 31, 1376-80	3.1	20
184	In vivo confocal microscopic characteristics of iridocorneal endothelial syndrome. <i>Clinical and Experimental Ophthalmology</i> , 2004 , 32, 275-83	2.4	20
183	Understanding keratoconus: what have we learned from the New Zealand perspective?. <i>Australasian journal of optometry, The</i> , 2013 , 96, 183-7	2.7	19

182	Nature and incidence of severe limbal stem cell deficiency in Australia and New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 174-181	2.4	19
181	Deficient repair regulatory response to injury in keratoconic stromal cells. <i>Australasian journal of optometry, The</i> , 2014 , 97, 234-9	2.7	19
180	Anterior chamber depth in normal subjects by rotating scheinpflug imaging. <i>Saudi Journal of Ophthalmology</i> , 2011 , 25, 255-9	0.9	19
179	Visual and ocular morbidity in severe open-globe injuries presenting to a regional eye centre in New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 469-477	2.4	19
178	In vivo confocal microscopy of the inflamed anterior segment: A review of clinical and research applications. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 334-345	2.4	18
177	A prospective study of acute corneal hydrops by in vivo confocal microscopy in a New Zealand population with keratoconus. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1296-302	5.5	18
176	Supplementary, Sulcus-Fixated Intraocular Lens in the Treatment of Spherical and Astigmatic Refractive Errors in Pseudophakic Eyes After Keratoplasty. <i>Cornea</i> , 2015 , 34, 1052-6	3.1	18
175	Recurrence of keratoconic pathology in penetrating keratoplasty buttons originally transplanted for keratoconus. <i>Cornea</i> , 2009 , 28, 688-93	3.1	18
174	Inherited corneal disease: the evolving molecular, genetic and imaging revolution. <i>Clinical and Experimental Ophthalmology</i> , 2005 , 33, 303-16	2.4	18
173	Defining the content of patient questionnaires: reasons for seeking laser in situ keratomileusis for myopia. <i>Journal of Cataract and Refractive Surgery</i> , 2002 , 28, 788-94	2.3	18
172	In vivo confocal microscopy of corneal epithelial ingrowth through a laser in situ keratomileusis flap buttonhole. <i>Journal of Cataract and Refractive Surgery</i> , 2001 , 27, 1318-22	2.3	18
171	Amino acid immunoreactivity in normal human retina and after brachytherapy. <i>Australasian journal of optometry, The</i> , 2013 , 96, 504-7	2.7	17
170	Prescribing trends in infectious keratitis: a survey of New Zealand ophthalmologists. <i>Clinical and Experimental Ophthalmology</i> , 2003 , 31, 496-504	2.4	17
169	Incidence, severity and outcomes of traumatic wound dehiscence following penetrating and deep anterior lamellar keratoplasty. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1412-5	5.5	17
168	Demographics and ocular biometric characteristics of patients undergoing cataract surgery in Auckland, New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 106-13	2.4	17
167	Direct measurement of anterior corneal curvature changes attributable to epithelial removal in keratoconus. <i>Journal of Cataract and Refractive Surgery</i> , 2018 , 44, 71-77	2.3	16
166	Prospective analysis of visual outcomes using apodized, diffractive multifocal intraocular lenses following phacoemulsification for cataract or clear lens extraction. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 148-54	2.4	16
165	Quantitative Analysis of Corneal Energy Dissipation and Corneal and Orbital Deformation in Response to an Air-Pulse in Healthy Eyes 2015 , 56, 6941-7		16

164	Functional activation of glutamate ionotropic receptors in the human peripheral retina. <i>Experimental Eye Research</i> , 2012 , 94, 71-84	3.7	16
163	Screening the visual system homeobox 1 gene in keratoconus and posterior polymorphous dystrophy cohorts identifies a novel variant. <i>Molecular Vision</i> , 2013 , 19, 852-60	2.3	16
162	The Molecular Basis of Fuchs' Endothelial Corneal Dystrophy. <i>Molecular Diagnosis and Therapy</i> , 2019 , 23, 97-112	4.5	16
161	High rate of recurrence of herpes zoster-related ocular disease after phacoemulsification cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 810-815	2.3	15
160	The Auckland Cataract Study II: Reducing Complications by Preoperative Risk Stratification and Case Allocation in a Teaching Hospital. <i>American Journal of Ophthalmology</i> , 2017 , 181, 20-25	4.9	15
159	Effect of panretinal photocoagulation on corneal sensation and the corneal subbasal nerve plexus in diabetes mellitus 2013 , 54, 4485-90		15
158	Laser scanning in vivo confocal microscopy demonstrating significant alteration of human corneal nerves following herpes zoster ophthalmicus. <i>Archives of Neurology</i> , 2010 , 67, 640-1		15
157	Clinical and microstructural analysis of patients with hyper-reflective corneal endothelial nuclei imaged by in vivo confocal microscopy. <i>Experimental Eye Research</i> , 2006 , 82, 682-7	3.7	15
156	Microstructural analysis of Salzmann's nodular degeneration by in vivo confocal microscopy. <i>Clinical and Experimental Ophthalmology</i> , 2002 , 30, 367-8	2.4	15
155	In vivo microstructural analysis of the cornea in Maroteaux-Lamy syndrome. <i>Cornea</i> , 2005 , 24, 623-5	3.1	15
154	Evolution of Keratoconus: From Diagnosis to Therapeutics. <i>Klinische Monatsblätter Für Augenheilkunde</i> , 2018 , 235, 680-688	0.8	14
153	Prospective 2-year study of accelerated pulsed transepithelial corneal crosslinking outcomes for Keratoconus. <i>Eye</i> , 2019 , 33, 1897-1903	4.4	14
152	Comparison of intraocular pressure measurement using 4 different instruments following penetrating keratoplasty. <i>American Journal of Ophthalmology</i> , 2012 , 153, 412-8	4.9	14
151	Comparison of corneal biomechanical properties following penetrating keratoplasty and deep anterior lamellar keratoplasty for keratoconus. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 174-182	2.4	14
150	Prospective two-year study of clinical outcomes following epithelium-off pulsed versus continuous accelerated corneal crosslinking for keratoconus. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 980-986	2.4	13
149	Publication and citation analysis of the Australian and New Zealand Journal of Ophthalmology and Clinical and Experimental Ophthalmology over a 10-year period: the evolution of an ophthalmology journal. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 868-73	2.4	13
148	Liver transplantation in children: maternal and family stress, coping, and adaptation. <i>Journal for Specialists in Pediatric Nursing</i> , 2004 , 9, 59-66	1.3	13
147	Implications of COVID-19 for Ophthalmologists. <i>American Journal of Ophthalmology</i> , 2021 , 223, 108-118	4.9	13

146	Prospective observational study of universal newborn eye screening in a hospital and community setting in New Zealand. <i>BMJ Paediatrics Open</i> , 2019 , 3,	2.4	12
145	Penetrating Keratoplasty for Keratoconus With and Without Resolved Corneal Hydrops: Long-term Results. <i>American Journal of Ophthalmology</i> , 2016 , 169, 282-289	4.9	12
144	Macromolecular markers in normal human retina and applications to human retinal disease. <i>Experimental Eye Research</i> , 2016 , 150, 135-48	3.7	12
143	New technology in corneal imaging. <i>International Ophthalmology Clinics</i> , 2010 , 50, 177-89	1.7	12
142	Analysis of New Zealand research productivity in ophthalmology and vision science: 1993-2002. <i>Clinical and Experimental Ophthalmology</i> , 2004 , 32, 607-13	2.4	12
141	In vivo confocal microstructural analysis of corneal endothelial changes in a patient on long-term chlorpromazine therapy. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2005 , 243, 721-3	3.8	12
140	Auckland cataract study 2: clinical outcomes of phacoemulsification cataract surgery in a public teaching hospital. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 584-591	2.4	11
139	Beneficial effect of the antioxidant riboflavin on gene expression of extracellular matrix elements, antioxidants and oxidases in keratoconic stromal cells. <i>Australasian journal of optometry, The</i> , 2014 , 97, 349-55	2.7	11
138	Cosmetic contact lens-related Acanthamoeba keratitis. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 419-20	2.4	11
137	Wavefront aberrometry: comparing and profiling higher-order aberrations produced by intraocular lenses in vitro using a physical model eye system and Hartman-Shack aberrometry. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 547-55	2.3	11
136	Causes of childhood low vision and blindness in New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 165-170	2.4	11
135	Auckland Cataract Study III: Refining Preoperative Assessment With Cataract Risk Stratification to Reduce Intraoperative Complications. <i>American Journal of Ophthalmology</i> , 2019 , 197, 114-120	4.9	11
134	Postoperative rotation of supplementary sulcus-supported toric intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2017 , 43, 285-288	2.3	10
133	Corneal Transplantation in Auckland, New Zealand, 1999-2009: Indications, Patient Characteristics, Ethnicity, Social Deprivation, and Access to Services. <i>Cornea</i> , 2017 , 36, 546-552	3.1	10
132	Cataract surgery practices and endophthalmitis prophylaxis by New Zealand Ophthalmologists. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 643-645	2.4	10
131	Clinical and demographic associations with optic nerve hypoplasia in New Zealand. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1364-7	5.5	10
130	Heavy-chain amyloidosis in TGFBI-negative and gelsolin-negative atypical lattice corneal dystrophy. <i>Cornea</i> , 2011 , 30, 1163-6	3.1	10
129	TGFBI mutational analysis in a New Zealand population of inherited corneal dystrophy patients. <i>British Journal of Ophthalmology</i> , 2010 , 94, 836-42	5.5	10

128	In vivo and ex vivo in situ confocal analysis of a rat model demonstrating transient epithelialization of the endothelium. <i>Clinical and Experimental Ophthalmology</i> , 2002 , 30, 191-5	2.4	10
127	Sight-threatening diabetic retinopathy at presentation to screening services in Fiji. <i>Ophthalmic Epidemiology</i> , 2014 , 21, 318-26	1.9	9
126	In vivo confocal microscopy of corneal stromal nerves in patients with peripheral neuropathy. <i>Archives of Neurology</i> , 2009 , 66, 1179-80; author reply 1180		9
125	Analyzing small-incision cataract surgery by Orbscan II fourth-dimensional pachymetry mapping. <i>Journal of Cataract and Refractive Surgery</i> , 2002 , 28, 2153-8	2.3	9
124	Auckland Cataract Study IV: Practical application of NZCRS cataract risk stratification to reduce phacoemulsification complications. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 311-318	2.4	9
123	Measurement of In Vivo Biomechanical Changes Attributable to Epithelial Removal in Keratoconus Using a Noncontact Tonometer. <i>Cornea</i> , 2020 , 39, 946-951	3.1	9
122	Microdroplet and spatter contamination during phacoemulsification cataract surgery in the era of COVID-19. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 1168-1174	2.4	9
121	The Effects of Re-challenge in Patients with a History of Acute Anterior Uveitis Following Intravenous Zoledronate. <i>Calcified Tissue International</i> , 2015 , 97, 58-61	3.9	8
120	Keratocyte progenitor cell transplantation: A novel therapeutic strategy for corneal disease. <i>Medical Hypotheses</i> , 2013 , 80, 122-4	3.8	8
119	Current status and future prospects for cultured limbal tissue transplants in Australia and New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2013 , 41, 272-81	2.4	8
118	Large-spot subthreshold infrared laser to treat diabetic macular edema. <i>Retina</i> , 2008 , 28, 615-21	3.6	8
117	Attitudes to research and research training among ophthalmologists and ophthalmology trainees in New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2003 , 31, 294-9	2.4	8
116	The Enigma of Environmental Factors in Keratoconus. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020 , 9, 549-556	3.5	8
115	Topographic screening reveals keratoconus to be extremely common in Down syndrome. <i>Clinical and Experimental Ophthalmology</i> , 2020 , 48, 1160-1167	2.4	8
114	Prospective Clinical Study of Keratoconus Progression in Patients Awaiting Corneal Cross-linking. <i>Cornea</i> , 2020 , 39, 1256-1260	3.1	8
113	In vivo ocular biomechanical compliance in thyroid eye disease. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1076-1079	5.5	7
112	Treatment adherence after penetrating corneal transplant in a New Zealand population from 2000 to 2009. <i>Cornea</i> , 2015 , 34, 18-22	3.1	7
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