

# Colm McAlinden

## List of Publications by Citations

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103  
papers

3,809  
citations

30  
h-index

60  
g-index

107  
ext. papers

4,785  
ext. citations

4.8  
avg. IF

5.52  
L-index

#	Paper	IF	Citations
103	The Burden of Primary Liver Cancer and Underlying Etiologies From 1990 to 2015 at the Global, Regional, and National Level: Results From the Global Burden of Disease Study 2015. <i>JAMA Oncology</i> , <b>2017</b> , 3, 1683-1691	13.4	880
102	Efficacy Comparison of 16 Interventions for Myopia Control in Children: A Network Meta-analysis. <i>Ophthalmology</i> , <b>2016</b> , 123, 697-708	7.3	329
101	Statistical methods for conducting agreement (comparison of clinical tests) and precision (repeatability or reproducibility) studies in optometry and ophthalmology. <i>Ophthalmic and Physiological Optics</i> , <b>2011</b> , 31, 330-8	4.1	244
100	The development of an instrument to measure quality of vision: the Quality of Vision (QoV) questionnaire <b>2010</b> , 51, 5537-45		195
99	A comprehensive evaluation of the precision (repeatability and reproducibility) of the Oculus Pentacam HR <b>2011</b> , 52, 7731-7		149
98	Quality assessment of ophthalmic questionnaires: review and recommendations. <i>Optometry and Vision Science</i> , <b>2013</b> , 90, 720-44	2.1	119
97	A head-to-head comparison of 16 cataract surgery outcome questionnaires. <i>Ophthalmology</i> , <b>2011</b> , 118, 2374-81	7.3	84
96	Multifocal intraocular lens with a surface-embedded near section: Short-term clinical outcomes. <i>Journal of Cataract and Refractive Surgery</i> , <b>2011</b> , 37, 441-5	2.3	74
95	Reengineering the glaucoma quality of life-15 questionnaire with rasch analysis <b>2011</b> , 52, 6971-7		73
94	Postoperative Efficacy, Predictability, Safety, and Visual Quality of Laser Corneal Refractive Surgery: A Network Meta-analysis. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 178, 65-78	4.9	58
93	Objective assessment of crystalline lens opacity level by measuring ocular light scattering with a double-pass system. <i>American Journal of Ophthalmology</i> , <b>2013</b> , 155, 629-635, 635.e1-2	4.9	56
92	Corneal refractive surgery: past to present. <i>Australasian journal of optometry, The</i> , <b>2012</b> , 95, 386-98	2.7	53
91	Scheimpflug-Placido topographer and optical low-coherence reflectometry biometer: repeatability and agreement. <i>Journal of Cataract and Refractive Surgery</i> , <b>2012</b> , 38, 1626-32	2.3	52
90	Subscale assessment of the NEI-RQL-42 questionnaire with Rasch analysis <b>2011</b> , 52, 5685-94		46
89	Through-Focus Vision Performance and Light Disturbances of 3 New Intraocular Lenses for Presbyopia Correction. <i>Journal of Ophthalmology</i> , <b>2018</b> , 2018, 6165493	2	45
88	The effect of cycloplegia on the lenstar and the IOLMaster biometry. <i>Optometry and Vision Science</i> , <b>2012</b> , 89, 1691-6	2.1	45
87	Centration axis in refractive surgery. <i>Eye and Vision (London, England)</i> , <b>2015</b> , 2, 4	4.9	43

86	Subjective quality of vision before and after cataract surgery. <i>JAMA Ophthalmology</i> , <b>2012</b> , 130, 1377-82		41
85	Axial Length Measurement Failure Rates With Biometers Using Swept-Source Optical Coherence Tomography Compared to Partial-Coherence Interferometry and Optical Low-Coherence Interferometry. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 173, 64-69	4.9	40
84	Femtosecond laser cataract surgery. <i>Eye and Vision (London, England)</i> , <b>2015</b> , 2, 11	4.9	40
83	Identifying content for the glaucoma-specific item bank to measure quality-of-life parameters. <i>Journal of Glaucoma</i> , <b>2015</b> , 24, 12-9	2.1	38
82	The Quality of Vision questionnaire: subscale interchangeability. <i>Optometry and Vision Science</i> , <b>2013</b> , 90, 760-4	2.1	37
81	Functional magnetic resonance imaging to assess neuroadaptation to multifocal intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , <b>2017</b> , 43, 1287-1296	2.3	36
80	Comparison of higher order aberrations after LASIK and LASEK for myopia. <i>Journal of Refractive Surgery</i> , <b>2010</b> , 26, 45-51	3.3	36
79	Presbyopic LASIK using hybrid bi-aspheric micro-monovision ablation profile for presbyopic corneal treatments. <i>American Journal of Ophthalmology</i> , <b>2015</b> , 160, 493-505	4.9	35
78	Axial Length Measurement Failure Rates with the IOLMaster and Lenstar LS 900 in Eyes with Cataract. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128929	3.7	35
77	Quality of vision after myopic and hyperopic laser-assisted subepithelial keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2011</b> , 37, 1097-100	2.3	34
76	The evolution of corneal and refractive surgery with the femtosecond laser. <i>Eye and Vision (London, England)</i> , <b>2015</b> , 2, 12	4.9	33
75	Effects of multifocal soft contact lenses used to slow myopia progression on quality of vision in young adults. <i>Acta Ophthalmologica</i> , <b>2017</b> , 95, e43-e53	3.7	31
74	Comparison of Standard Versus Accelerated Corneal Collagen Cross-Linking for Keratoconus: A Meta-Analysis <b>2018</b> , 59, 3920-3931		30
73	Mathematics of Zernike polynomials: a review. <i>Clinical and Experimental Ophthalmology</i> , <b>2011</b> , 39, 820-7	2.4	30
72	The importance of rating scale design in the measurement of patient-reported outcomes using questionnaires or item banks <b>2012</b> , 53, 4042-54		29
71	Functional Magnetic Resonance Imaging to Assess the Neurobehavioral Impact of Dysphotopsia with Multifocal Intraocular Lenses. <i>Ophthalmology</i> , <b>2017</b> , 124, 1280-1289	7.3	28
70	Psychometric properties of the NEI-RQL-42 questionnaire in keratoconus <b>2012</b> , 53, 7370-4		27
69	Comprehensive Comparison of Axial Length Measurement With Three Swept-Source OCT-Based Biometers and Partial Coherence Interferometry. <i>Journal of Refractive Surgery</i> , <b>2019</b> , 35, 115-120	3.3	27

68	Comparing accommodative function between the dominant and non-dominant eye. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , <b>2014</b> , 252, 509-14	3.8	25
67	Safety and efficacy of VisuMax <sup>®</sup> circle patterns for flap creation and enhancement following small incision lenticule extraction. <i>Eye and Vision (London, England)</i> , <b>2015</b> , 2, 21	4.9	24
66	An overview of thyroid eye disease. <i>Eye and Vision (London, England)</i> , <b>2014</b> , 1, 9	4.9	24
65	Comparison of Epithelium-Off Versus Transepithelial Corneal Collagen Cross-Linking for Keratoconus: A Systematic Review and Meta-Analysis. <i>Cornea</i> , <b>2018</b> , 37, 1018-1024	3.1	24
64	Efficacy, predictability and safety of small incision lenticule extraction (SMILE). <i>Eye and Vision (London, England)</i> , <b>2015</b> , 2, 14	4.9	22
63	Intraocular lens power calculation following laser refractive surgery. <i>Eye and Vision (London, England)</i> , <b>2015</b> , 2, 7	4.9	20
62	Visual and refractive outcomes following myopic laser-assisted subepithelial keratectomy with a flying-spot excimer laser. <i>Journal of Cataract and Refractive Surgery</i> , <b>2011</b> , 37, 901-6	2.3	20
61	Hyperopic LASEK treatments with mitomycin C using the SCHWIND AMARIS. <i>Journal of Refractive Surgery</i> , <b>2011</b> , 27, 380-3	3.3	19
60	Retreatment of residual refractive errors with flap lift laser in situ keratomileusis. <i>European Journal of Ophthalmology</i> , <b>2011</b> , 21, 5-11	1.9	18
59	Rasch analysis of three dry eye questionnaires and correlates with objective clinical tests. <i>Ocular Surface</i> , <b>2017</b> , 15, 202-210	6.5	16
58	Repeatability and agreement of ocular biometry measurements: Aladdin versus Lenstar. <i>British Journal of Ophthalmology</i> , <b>2017</b> , 101, 1223-1229	5.5	16
57	Precision of a new ocular biometer in eyes with cataract using swept source optical coherence tomography combined with Placido-disk corneal topography. <i>Scientific Reports</i> , <b>2017</b> , 7, 13736	4.9	16
56	Surgical treatment of presbyopia with central presbyopic keratomileusis: One-year results. <i>Journal of Cataract and Refractive Surgery</i> , <b>2016</b> , 42, 1415-1423	2.3	16
55	Identifying more reliable parameters for the detection of change during the follow-up of mild to moderate keratoconus patients. <i>Eye and Vision (London, England)</i> , <b>2017</b> , 4, 24	4.9	15
54	The change in internal aberrations following myopic corneal laser refractive surgery. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , <b>2011</b> , 249, 775-81	3.8	15
53	Higher order aberrations using the NIDEK OPD-Scan and AMO WaveScan. <i>Journal of Refractive Surgery</i> , <b>2010</b> , 26, 605-8	3.3	15
52	The Italian Catquest-9SF cataract questionnaire: translation, validation and application. <i>Eye and Vision (London, England)</i> , <b>2016</b> , 3, 12	4.9	14
51	Objective Assessment of Activity Limitation in Glaucoma with Smartphone Virtual Reality Goggles: A Pilot Study. <i>Translational Vision Science and Technology</i> , <b>2018</b> , 7, 10	3.3	14

50	Meta-analysis of optical low-coherence reflectometry versus partial coherence interferometry biometry. <i>Scientific Reports</i> , <b>2017</b> , 7, 43414	4.9	13
49	Establishing levels of indications for cataract surgery: combining clinical and questionnaire data into a measure of cataract impact <b>2012</b> , 53, 1095-101		13
48	Light disturbance with multifocal contact lens and monovision for presbyopia. <i>Contact Lens and Anterior Eye</i> , <b>2018</b> , 41, 393-399	4.1	12
47	Corneal Surface Ablation Laser Refractive Surgery for the Correction of Myopia: A Network Meta-analysis. <i>Journal of Refractive Surgery</i> , <b>2018</b> , 34, 726-735	3.3	12
46	Comparison of short-term light disturbance, optical and visual performance outcomes between a myopia control contact lens and a single-vision contact lens. <i>Ophthalmic and Physiological Optics</i> , <b>2020</b> , 40, 718-727	4.1	12
45	Activity Limitation in Glaucoma: Objective Assessment by the Cambridge Glaucoma Visual Function Test <b>2016</b> , 57, 6158-6166		11
44	Spherical aberration and higher order aberrations with Balafilcon A (PureVision) and Comfilcon A (Biofinity). <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2011</b> , 249, 607-12	3.8	10
43	Optical coherence tomography measurements with the LENTIS Mplus multifocal intraocular lens. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2012</b> , 250, 1395-8	3.8	9
42	Orthokeratology and Contact Lens Quality of Life Questionnaire (OCL-QoL). <i>Eye and Contact Lens</i> , <b>2018</b> , 44, 279-285	3.2	9
41	Evisceration for the management of ocular trauma. <i>BMJ Case Reports</i> , <b>2013</b> , 2013,	0.9	8
40	Laser-assisted subepithelial keratectomy retreatment surgery. <i>Journal of Cataract and Refractive Surgery</i> , <b>2011</b> , 37, 358-63	2.3	8
39	Optical Quality and Visual Performance for One Year in a Sample of Scleral Lens Wearers. <i>Optometry and Vision Science</i> , <b>2020</b> , 97, 775-789	2.1	8
38	The Effect of Treatment Zone Decentration on Myopic Progression during Orthokeratology. <i>Current Eye Research</i> , <b>2020</b> , 45, 645-651	2.9	8
37	Agreement of anterior ocular biometric measurements with a new optical biometer and a Scheimpflug tomographer. <i>Journal of Cataract and Refractive Surgery</i> , <b>2016</b> , 42, 679-84	2.3	7
36	Giant cell arteritis. <i>Lancet, The</i> , <b>2014</b> , 383, 1182	4.0	7
35	Corneal aberrations measured with a high-resolution Scheimpflug tomographer: repeatability and reproducibility. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 581-590	2.3	6
34	Network Meta-analysis of No-History Methods to Calculate Intraocular Lens Power in Eyes With Previous Myopic Laser Refractive Surgery. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 481-490	3.3	6
33	PHACOEMULSIFICATION CATARACT SURGERY WITH PROPHYLACTIC INTRAVITREAL BEVACIZUMAB FOR PATIENTS WITH COEXISTING DIABETIC RETINOPATHY: A Meta-Analysis. <i>Retina</i> , <b>2019</b> , 39, 1720-1731	3.6	5

32	Pupil size and LASIK. <i>Ophthalmology</i> , <b>2012</b> , 119, 1715-6; author reply 1716-7	7.3	5
31	Long-term Outcomes After LASIK Using a Hybrid Bi-aspheric Micro-monovision Ablation Profile for Presbyopia Correction. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 89-96	3.3	5
30	Subjective quality of vision. <i>Journal of Refractive Surgery</i> , <b>2012</b> , 28, 313; author reply 313-4	3.3	5
29	Corneal biomechanical properties in myopic eyes evaluated via Scheimpflug imaging. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 279	2.3	5
28	Effect of the EVO+ Visian Phakic Implantable Collamer Lens on Visual Performance and Quality of Vision and Life. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 226, 117-125	4.9	5
27	Presbyopic correction use and its impact on quality of vision symptoms. <i>Journal of Optometry</i> , <b>2020</b> , 13, 29-34	2.6	5
26	Hordeolum: Acute abscess within an eyelid sebaceous gland. <i>Cleveland Clinic Journal of Medicine</i> , <b>2016</b> , 83, 332-4	2.8	4
25	Hydrogel eye drops as a non-invasive drug carrier for topical enhanced Adalimumab permeation and highly efficient uveitis treatment. <i>Carbohydrate Polymers</i> , <b>2021</b> , 253, 117216	10.3	4
24	Comparison of four different orthokeratology lenses in controlling myopia progression. <i>Contact Lens and Anterior Eye</i> , <b>2020</b> , 43, 78-83	4.1	3
23	Assessment of corneal biomechanics, tonometry and pachymetry with the Corvis ST in myopia. <i>Scientific Reports</i> , <b>2021</b> , 11, 3041	4.9	3
22	Agreement studies: clarification. <i>Ophthalmic and Physiological Optics</i> , <b>2012</b> , 32, 439-440	4.1	2
21	Vision in high-level football officials. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188463	3.7	2
20	Vision-related quality of life with myopia management: A review. <i>Contact Lens and Anterior Eye</i> , <b>2021</b> , 101538	4.1	2
19	Cataract Surgery (Phacoemulsification with Intraocular Lens Implantation) Combined with Endoscopic Goniosynechialysis for Advanced Primary Angle-Closure Glaucoma. <i>Ophthalmology Glaucoma</i> , <b>2021</b> , 4, 365-372	2.2	2
18	EVO+ Implantable Collamer Lens KS-aquaPORT Location, Stability, and Impact on Quality of Vision and Life.. <i>Journal of Refractive Surgery</i> , <b>2022</b> , 38, 177-183	3.3	2
17	Asteroid Hyalosis. <i>Mayo Clinic Proceedings</i> , <b>2015</b> , 90, 992	6.4	1
16	Axial length measurement and detection rates using a swept-source optical coherence tomography-based biometer in the presence of a dense vitreous hemorrhage. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 360-364	2.3	1
15	Multiple cranial nerve involvement with idiopathic intracranial hypertension. <i>QJM - Monthly Journal of the Association of Physicians</i> , <b>2016</b> , 109, 265-6	2.7	1

14	Diagnostic and treatment challenges in giant cell arteritis - AuthorsSreply. <i>Lancet, The</i> , <b>2014</b> , 383, 2210-140	1
13	Impact of cataracts and cataract surgery on quality of vision. <i>Sao Paulo Medical Journal</i> , <b>2015</b> , 133, 538-91.6	1
12	Comparison of Anterior Ocular Biometric Measurements Using Swept-Source and Time-Domain Optical Coherence Tomography. <i>Journal of Ophthalmology</i> , <b>2020</b> , 2020, 9739878	2 1
11	Improvement of Vision and Ocular Surface Symptoms With a Scleral Lens After Microbial Keratitis. <i>Eye and Contact Lens</i> , <b>2021</b> , 47, 480-483	3.2 1
10	Engineering Hibiscus-like Riboflavin/ZIF-8 Microsphere Composites to Enhance Transepithelial Corneal Cross-linking.. <i>Advanced Materials</i> , <b>2022</b> , e2109865	24 1
9	Toric Intraocular Lenses for the Management of Corneal Astigmatism at the Time of Cataract Surgery.. <i>Journal of Ophthalmology</i> , <b>2021</b> , 2021, 3286043	2 0
8	Sirius Scheimpflug-Placido versus ultrasound pachymetry for central corneal thickness: meta-analysis. <i>Eye and Vision (London, England)</i> , <b>2021</b> , 8, 5	4.9 0
7	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0008824	4.8 0
6	PatientsSdissatisfaction with multifocal intraocular lenses managed by exchange with other multifocal lenses of different optical profiles.. <i>Eye and Vision (London, England)</i> , <b>2022</b> , 9, 8	4.9 0
5	Engineering Hibiscus-Like Riboflavin/ZIF-8 Microsphere Composites to Enhance Transepithelial Corneal Cross-Linking (Adv. Mater. 21/2022). <i>Advanced Materials</i> , <b>2022</b> , 34, 2270156	24 0
4	Deliberations on giant cell arteritis. <i>BMJ, The</i> , <b>2019</b> , 365, l4390	5.9
3	Method to eliminate patient breath induced lens fogging with mask use during indirect ophthalmoscopy. <i>Eye</i> , <b>2021</b> ,	4.4
2	A 54-year-old man with bilateral symmetrical circular corneal opacities. <i>Digital Journal of Ophthalmology: DJO</i> , <b>2021</b> , 26, 21-26	1.3
1	Comparison of Two Main Orthokeratology Lens Designs in Efficacy and Safety for Myopia Control.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 798314	4.9