

Colm Mcalinden

List of Publications by Year in descending order

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106
papers

4,511
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125748

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134859

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docs citations

112
times ranked

3469
citing authors

#	ARTICLE	IF	CITATIONS
1	Amniotic membrane transplantation: structural and biological properties, tissue preparation, application and clinical indications. <i>Eye</i> , 2024, 38, 668-679.	2.3	2
2	CRISPR-CasRx-mediated disruption of Aqp1/Adrb2/Rock1/Rock2 genes reduces intraocular pressure and retinal ganglion cell damage in mice. <i>Nature Communications</i> , 2024, 15, .	13.0	0
3	Neurotrophic corneal melt after deep anterior lamellar keratoplasty. <i>JCRS Online Case Reports</i> , 2024, 12, e00128.	0.2	0
4	Effects of Postoperative Atropine Eye Drops on Visual Quality in Patients Undergoing Trabeculectomy. <i>Journal of Clinical Medicine</i> , 2023, 12, 763.	2.5	0
5	Vision-related quality of life with myopia management: A review. <i>Contact Lens and Anterior Eye</i> , 2022, 45, 101538.	1.7	12
6	EVO+ Implantable Collamer Lens KS-aquaPORT Location, Stability, and Impact on Quality of Vision and Life. <i>Journal of Refractive Surgery</i> , 2022, 38, 177-183.	2.3	7
7	Engineering Hibiscusâ€Like Riboflavin/ZIFâ€8 Microsphere Composites to Enhance Transepithelial Corneal Crossâ€Linking. <i>Advanced Materials</i> , 2022, 34, e2109865.	24.0	17
8	Patientsâ€™ dissatisfaction with multifocal intraocular lenses managed by exchange with other multifocal lenses of different optical profiles. <i>Eye and Vision (London, England)</i> , 2022, 9, 8.	3.3	11
9	Comparison of Two Main Orthokeratology Lens Designs in Efficacy and Safety for Myopia Control. <i>Frontiers in Medicine</i> , 2022, 9, 798314.	2.7	9
10	Heidelberg Anterior Swept-Source OCT Corneal Epithelial Thickness Mapping: Repeatability and Agreement With Optovue Avanti. <i>Journal of Refractive Surgery</i> , 2022, 38, 356-363.	2.3	15
11	Shortâ€term tear film stability, optical quality and visual performance in two dualâ€focus contact lenses for myopia control with different optical designs. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 1062-1073.	2.3	7
12	Objective and Subjective Quality of Vision After SMILE for High Myopia and Astigmatism. <i>Journal of Refractive Surgery</i> , 2022, 38, 404-413.	2.3	9
13	Hydrogel eye drops as a non-invasive drug carrier for topical enhanced Adalimumab permeation and highly efficient uveitis treatment. <i>Carbohydrate Polymers</i> , 2021, 253, 117216.	10.4	20
14	Sirius Scheimpflugâ€Placido versus ultrasound pachymetry for central corneal thickness: meta-analysis. <i>Eye and Vision (London, England)</i> , 2021, 8, 5.	3.3	3
15	Assessment of corneal biomechanics, tonometry and pachymetry with the Corvis ST in myopia. <i>Scientific Reports</i> , 2021, 11, 3041.	3.4	11
16	Improvement of Vision and Ocular Surface Symptoms With a Scleral Lens After Microbial Keratitis. <i>Eye and Contact Lens</i> , 2021, 47, 480-483.	1.6	5
17	Effect of the EVO+ Visian Phakic Implantable Collamer Lens on Visual Performance and Quality of Vision and Life. <i>American Journal of Ophthalmology</i> , 2021, 226, 117-125.	3.4	18
18	Cataract Surgery (Phacoemulsification with Intraocular Lens Implantation) Combined with Endoscopic Goniosynechialysis for Advanced Primary Angle-Closure Glaucoma. <i>Ophthalmology Glaucoma</i> , 2021, 4, 365-372.	2.4	3

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19	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. PLoS Neglected Tropical Diseases, 2021, 15, e0008824.	2.4	12
20	Method to eliminate patient breath induced lens fogging with mask use during indirect ophthalmoscopy. Eye, 2021, . .	2.3	0
21	Toric Intraocular Lenses for the Management of Corneal Astigmatism at the Time of Cataract Surgery. Journal of Ophthalmology, 2021, 2021, 1-6.	1.3	2
22	Presbyopic correction use and its impact on quality of vision symptoms. Journal of Optometry, 2020, 13, 29-34.	1.5	20
23	The Effect of Treatment Zone Decentration on Myopic Progression during Orthokeratology. Current Eye Research, 2020, 45, 645-651.	1.5	27
24	Comparison of four different orthokeratology lenses in controlling myopia progression. Contact Lens and Anterior Eye, 2020, 43, 78-83.	1.7	9
25	Optical Quality and Visual Performance for One Year in a Sample of Scleral Lens Wearers. Optometry and Vision Science, 2020, 97, 775-789.	1.2	16
26	Corneal biomechanical properties in myopic eyes evaluated via Scheimpflug imaging. BMC Ophthalmology, 2020, 20, 279.	1.4	18
27	Comparison of short-term light disturbance, optical and visual performance outcomes between a myopia control contact lens and a single-vision contact lens. Ophthalmic and Physiological Optics, 2020, 40, 718-727.	2.3	24
28	Comparison of Anterior Ocular Biometric Measurements Using Swept-Source and Time-Domain Optical Coherence Tomography. Journal of Ophthalmology, 2020, 2020, 1-6.	1.3	4
29	Axial length measurement and detection rates using a swept-source optical coherence tomography-based biometer in the presence of a dense vitreous hemorrhage. Journal of Cataract and Refractive Surgery, 2020, 46, 360-364.	1.9	7
30	Corneal aberrations measured with a high-resolution Scheimpflug tomographer: repeatability and reproducibility. Journal of Cataract and Refractive Surgery, 2020, 46, 581-590.	1.9	18
31	Long-term Outcomes After LASIK Using a Hybrid Bi-aspheric Micro-monovision Ablation Profile for Presbyopia Correction. Journal of Refractive Surgery, 2020, 36, 89-96.	2.3	13
32	Network Meta-analysis of No-History Methods to Calculate Intraocular Lens Power in Eyes With Previous Myopic Laser Refractive Surgery. Journal of Refractive Surgery, 2020, 36, 481-490.	2.3	12
33	A 54-year-old man with bilateral symmetrical circular corneal opacities. Digital Journal of Ophthalmology: DJO, 2020, 26, 21.	0.7	0
34	Deliberations on giant cell arteritis. BMJ: British Medical Journal, 2019, 365, l4390.	5.6	0
35	PHACOEMULSIFICATION CATARACT SURGERY WITH PROPHYLACTIC INTRAVITREAL BEVACIZUMAB FOR PATIENTS WITH COEXISTING DIABETIC RETINOPATHY. Retina, 2019, 39, 1720-1731.	1.9	14
36	Comprehensive Comparison of Axial Length Measurement With Three Swept-Source OCT-Based Biometers and Partial Coherence Interferometry. Journal of Refractive Surgery, 2019, 35, 115-120.	2.3	59

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37	Light disturbance with multifocal contact lens and monovision for presbyopia. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 393-399.	1.7	25
38	Orthokeratology and Contact Lens Quality of Life Questionnaire (OCL-QoL). <i>Eye and Contact Lens</i> , 2018, 44, 279-285.	1.6	17
39	Comparison of Epithelium-Off Versus Transepithelial Corneal Collagen Cross-Linking for Keratoconus: A Systematic Review and Meta-Analysis. <i>Cornea</i> , 2018, 37, 1018-1024.	1.8	36
40	Through-Focus Vision Performance and Light Disturbances of 3 New Intraocular Lenses for Presbyopia Correction. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-8.	1.3	86
41	Comparison of Standard Versus Accelerated Corneal Collagen Cross-Linking for Keratoconus: A Meta-Analysis. , 2018, 59, 3920.		60
42	Objective Assessment of Activity Limitation in Glaucoma with Smartphone Virtual Reality Goggles: A Pilot Study. <i>Translational Vision Science and Technology</i> , 2018, 7, 10.	2.2	27
43	Corneal Surface Ablation Laser Refractive Surgery for the Correction of Myopia: A Network Meta-analysis. <i>Journal of Refractive Surgery</i> , 2018, 34, 726-735.	2.3	24
44	Meta-analysis of optical low-coherence reflectometry versus partial coherence interferometry biometry. <i>Scientific Reports</i> , 2017, 7, 43414.	3.4	25
45	Rasch analysis of three dry eye questionnaires and correlates with objective clinical tests. <i>Ocular Surface</i> , 2017, 15, 202-210.	4.5	21
46	Repeatability and agreement of ocular biometry measurements: Aladdin versus Lenstar. <i>British Journal of Ophthalmology</i> , 2017, 101, 1223-1229.	4.0	27
47	Functional Magnetic Resonance Imaging to Assess the Neurobehavioral Impact of Dysphotopsia with Multifocal Intraocular Lenses. <i>Ophthalmology</i> , 2017, 124, 1280-1289.	5.8	45
48	Postoperative Efficacy, Predictability, Safety, and Visual Quality of Laser Corneal Refractive Surgery: A Network Meta-analysis. <i>American Journal of Ophthalmology</i> , 2017, 178, 65-78.	3.4	108
49	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> , 2017, 7, 13736.	3.4	26
50	Functional magnetic resonance imaging to assess neuroadaptation to multifocal intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 1287-1296.	1.9	61
51	Effects of multifocal soft contact lenses used to slow myopia progression on quality of vision in young adults. <i>Acta Ophthalmologica</i> , 2017, 95, e43-e53.	1.1	47
52	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> , 2017, 173, 64-69.	3.4	59
53	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> , 2017, 4, 24.	3.3	27
54	Vision in high-level football officials. <i>PLoS ONE</i> , 2017, 12, e0188463.	2.5	7

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55	Activity Limitation in Glaucoma: Objective Assessment by the Cambridge Glaucoma Visual Function Test. , 2016, 57, 6158.		14
56	Surgical treatment of presbyopia with central presbyopic keratomileusis: One-year results. Journal of Cataract and Refractive Surgery, 2016, 42, 1415-1423.	1.9	22
57	Agreement of anterior ocular biometric measurements with a new optical biometer and a Scheimpflug tomographer. Journal of Cataract and Refractive Surgery, 2016, 42, 679-684.	1.9	8
58	The Italian Catquest-9SF cataract questionnaire: translation, validation and application. Eye and Vision (London, England), 2016, 3, 12.	3.3	23
59	Multiple cranial nerve involvement with idiopathic intracranial hypertension. QJM - Monthly Journal of the Association of Physicians, 2016, 109, 265-266.	0.5	1
60	Efficacy Comparison of 16 Interventions for Myopia Control in Children. Ophthalmology, 2016, 123, 697-708.	5.8	557
61	Hordeolum: Acute abscess within an eyelid sebaceous gland. Cleveland Clinic Journal of Medicine, 2016, 83, 332-334.	1.4	6
62	Precision (repeatability and reproducibility) studies and sample-size calculation. Journal of Cataract and Refractive Surgery, 2015, 41, 2598-2604.	1.9	162
63	Femtosecond laser cataract surgery. Eye and Vision (London, England), 2015, 2, 11.	3.3	51
64	Efficacy, predictability and safety of small incision lenticule extraction (SMILE). Eye and Vision (London, England), 2015, 2, 14.	3.3	40
65	Axial Length Measurement Failure Rates with the IOLMaster and Lenstar LS 900 in Eyes with Cataract. PLoS ONE, 2015, 10, e0128929.	2.5	47
66	The evolution of corneal and refractive surgery with the femtosecond laser. Eye and Vision (London,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	57
67	Safety and efficacy of VisuMax® circle patterns for flap creation and enhancement following small incision lenticule extraction. Eye and Vision (London, England), 2015, 2, 21.	3.3	34
68	Presbyopic LASIK Using Hybrid Bi-Aspheric Micro-Monovision Ablation Profile for Presbyopic Corneal Treatments. American Journal of Ophthalmology, 2015, 160, 493-505.	3.4	47
69	Centration axis in refractive surgery. Eye and Vision (London, England), 2015, 2, 4.	3.3	66
70	Intraocular lens power calculation following laser refractive surgery. Eye and Vision (London,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	3.3	26
71	Identifying Content for the Glaucoma-specific Item Bank to Measure Quality-of-life Parameters. Journal of Glaucoma, 2015, 24, 12-19.	1.6	60
72	Asteroid Hyalosis. Mayo Clinic Proceedings, 2015, 90, 992.	2.8	1

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73	Impact of cataracts and cataract surgery on quality of vision. Sao Paulo Medical Journal, 2015, 133, 538-539.	1.0	3
74	An overview of thyroid eye disease. Eye and Vision (London, England), 2014, 1, 9.	3.3	49
75	Diagnostic and treatment challenges in giant cell arteritis – Authors' reply. Lancet, The, 2014, 383, 2210-2211.	12.1	2
76	Objective Assessment of Crystalline Lens Opacity Level by Measuring Ocular Light Scattering With a Double-Pass System. American Journal of Ophthalmology, 2013, 155, 629-635.e2.	3.4	68
77	The Quality of Vision Questionnaire. Optometry and Vision Science, 2013, 90, 760-764.	1.2	48
78	Quality Assessment of Ophthalmic Questionnaires. Optometry and Vision Science, 2013, 90, 720-744.	1.2	178
79	Evisceration for the management of ocular trauma. BMJ Case Reports, 2013, 2013, bcr2013201235.	0.5	11
80	Subjective Quality of Vision Before and After Cataract Surgery. JAMA Ophthalmology, 2012, 130, 1377.	2.3	51
81	The Effect of Cycloplegia on the Lenstar and the IOLMaster Biometry. Optometry and Vision Science, 2012, 89, 1691-1696.	1.2	70
82	Agreement studies: clarification. Ophthalmic and Physiological Optics, 2012, 32, 439-440.	2.3	2
83	Pupil Size and LASIK. Ophthalmology, 2012, 119, 1715-1716.	5.8	5
84	Scheimpflug – Placido topographer and optical low-coherence reflectometry biometer: Repeatability and agreement. Journal of Cataract and Refractive Surgery, 2012, 38, 1626-1632.	1.9	66
85	The Importance of Rating Scale Design in the Measurement of Patient-Reported Outcomes Using Questionnaires or Item Banks. , 2012, 53, 4042.		31
86	Establishing Levels of Indications for Cataract Surgery: Combining Clinical and Questionnaire Data into a Measure of Cataract Impact. , 2012, 53, 1095.		18
87	Psychometric Properties of the NEI-RQL-42 Questionnaire in Keratoconus. , 2012, 53, 7370.		32
88	Corneal refractive surgery: past to present. Australasian journal of optometry, The, 2012, 95, 386-398.	1.5	74
89	Subjective Quality of Vision. Journal of Refractive Surgery, 2012, 28, 313-313.	2.3	5
90	Multifocal intraocular lens with a surface-embedded near section: Short-term clinical outcomes. Journal of Cataract and Refractive Surgery, 2011, 37, 441-445.	1.9	84

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91	Quality of vision after myopic and hyperopic laser-assisted subepithelial keratectomy. Journal of Cataract and Refractive Surgery, 2011, 37, 1097-1100.	1.9	40
92	Laser-assisted subepithelial keratectomy retreatment surgery. Journal of Cataract and Refractive Surgery, 2011, 37, 358-363.	1.9	13
93	Visual and refractive outcomes following myopic laser-assisted subepithelial keratectomy with a flying-spot excimer laser. Journal of Cataract and Refractive Surgery, 2011, 37, 901-906.	1.9	21
94	A Head-to-Head Comparison of 16 Cataract Surgery Outcome Questionnaires. Ophthalmology, 2011, 118, 2374-2381.	5.8	106
95	Subscale Assessment of the NEI-RQL-42 Questionnaire with Rasch Analysis. , 2011, 52, 5685.		48
96	A Comprehensive Evaluation of the Precision (Repeatability and Reproducibility) of the Oculus Pentacam HR. , 2011, 52, 7731.		186
97	Retreatment of Residual Refractive Errors with Flap Lift Laser in Situ Keratomileusis. European Journal of Ophthalmology, 2011, 21, 5-11.	1.3	22
98	Statistical methods for conducting agreement (comparison of clinical tests) and precision (repeatability or reproducibility) studies in optometry and ophthalmology. Ophthalmic and Physiological Optics, 2011, 31, 330-338.	2.3	340
99	Mathematics of Zernike polynomials: a review. Clinical and Experimental Ophthalmology, 2011, 39, 820-827.	2.8	49
100	The change in internal aberrations following myopic corneal laser refractive surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 775-781.	1.9	18
101	Reengineering the Glaucoma Quality of Life-15 Questionnaire with Rasch Analysis. , 2011, 52, 6971.		83
102	Hyperopic LASEK Treatments with Mitomycin C Using the SCHWIND AMARIS. Journal of Refractive Surgery, 2011, 27, 380-383.	2.3	19
103	The Development of an Instrument to Measure Quality of Vision: The Quality of Vision (QoV) Questionnaire. , 2010, 51, 5537.		280
104	Comparison of Higher Order Aberrations After LASIK and LASEK for Myopia. Journal of Refractive Surgery, 2010, 26, 45-51.	2.3	43
105	Higher Order Aberrations Using the NIDEK OPD-Scan and AMO Wavescan. Journal of Refractive Surgery, 2010, 26, 605-608.	2.3	18
106	Managing dissatisfaction after multifocal intraocular lens implantation through lens exchange using monofocal or alternative multifocal <sc>IOLs</sc>. Acta Ophthalmologica, 0, , .	1.1	1