

# Miguel J Maldonado

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

2,268  
citations

304743

22  
h-index

254184

43  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifocal intraocular lenses: An overview. <i>Survey of Ophthalmology</i> , 2017, 62, 611-634.	4.0	249
2	Optical coherence tomography evaluation of the corneal cap and stromal bed features after laser in situ keratomileusis for high myopia and astigmatism. <i>Ophthalmology</i> , 2000, 107, 81-87.	5.2	190
3	Keratoconus-integrated characterization considering anterior corneal aberrations, internal astigmatism, and corneal biomechanics. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 552-568.	1.5	153
4	Refractive and Aberrometric Outcomes of Intracorneal Ring Segments for Keratoconus: Mechanical versus Femtosecond-assisted Procedures. <i>Ophthalmology</i> , 2009, 116, 1675-1687.	5.2	149
5	Retinal thickness study with optical coherence tomography in patients with diabetes. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 1588-94.	3.3	147
6	Reproducibility and Clinical Relevance of the Ocular Response Analyzer in Nonoperated Eyes: Corneal Biomechanical and Tonometric Implications. , 2008, 49, 968.		131
7	Prospective trial of intraoperative mitomycin C in the treatment of primary pterygium.. <i>British Journal of Ophthalmology</i> , 1995, 79, 439-441.	3.9	90
8	Using Optical Coherence Tomography to Monitor Photodynamic Therapy in Age Related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2005, 140, 23.e1-23.e7.	3.3	72
9	Intraoperative and postoperative complications of Cionni endocapsular ring implantation. <i>Journal of Cataract and Refractive Surgery</i> , 2003, 29, 492-497.	1.5	55
10	Repeatability and Reproducibility of Posterior Corneal Curvature Measurements by Combined Scanning-Slit and Placido-Disc Topography after LASIK. <i>Ophthalmology</i> , 2006, 113, 1918-1926.	5.2	48
11	Cerebral versus Ocular Visual Impairment: The Impact on Developmental Neuroplasticity. <i>Frontiers in Psychology</i> , 2016, 7, 1958.	2.1	47
12	Direct Objective Quantification of Corneal Haze after Excimer Laser Photorefractive Keratectomy for High Myopia. <i>Ophthalmology</i> , 1996, 103, 1970-1978.	5.2	41
13	Precision of High Definition Spectral-Domain Optical Coherence Tomography for Measuring Central Corneal Thickness. , 2012, 53, 1752.		36
14	Advances in technologies for laser-assisted<i>in situ</i>keratomileusis (LASIK) surgery. <i>Expert Review of Medical Devices</i> , 2008, 5, 209-229.	2.8	32
15	Reproducibility of Digital Image Analysis for Measuring Corneal Haze After Myopic Photorefractive Keratectomy. <i>American Journal of Ophthalmology</i> , 1997, 123, 31-41.	3.3	31
16	Precision of higher-order aberration measurements with a new Placido-disk topographer and Hartmann-Shack wavefront sensor. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 242-249.	1.5	31
17	Objective Quantification of Posterior Capsule Opacification after Cataract Surgery, with Optical Coherence Tomography. , 2005, 46, 3999.		30
18	Cataractous Changes due to Posterior Chamber Flattening with a Posterior Chamber Phakic Intraocular Lens Secondary to the Administration of Pilocarpine. <i>Ophthalmology</i> , 2006, 113, 1283-1288.	5.2	30

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19	Design and Evaluation of a Customized Reading Rehabilitation Program for Patients with Age-related Macular Degeneration. <i>Ophthalmology</i> , 2013, 120, 151-159.	5.2	29
20	Blindness and Eye Disease in Cambodia. <i>Ophthalmic Epidemiology</i> , 2007, 14, 360-366.	1.7	28
21	Optical coherence tomography to monitor photodynamic therapy in pathological myopia. <i>British Journal of Ophthalmology</i> , 2006, 90, 555-558.	3.9	27
22	Undersurface ablation of the flap for laser in situ keratomileusis retreatment 1 1The author has no proprietary interest in the development or marketing of any instrument mentioned in this manuscript.. <i>Ophthalmology</i> , 2002, 109, 1453-1464.	5.2	26
23	Intraoperative MMC after excimer laser surgery for myopia. <i>Ophthalmology</i> , 2002, 109, 826.	5.2	25
24	Effect of central hole location in phakic intraocular lenses on visual function under progressive headlight glare sources. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1591-1596.	1.5	25
25	Reliability of Potential Pain Biomarkers in the Saliva of Healthy Subjects: Inter-Individual Differences and Intersession Variability. <i>PLoS ONE</i> , 2016, 11, e0166976.	2.5	25
26	Hyaluronan receptors in the human ocular surface: a descriptive and comparative study of RHAMM and CD44 in tissues, cell lines and freshly collected samples. <i>Histochemistry and Cell Biology</i> , 2012, 137, 165-176.	1.7	24
27	Inefficacy of Low-Dose Intraoperative Fluorouracil in the Treatment of Primary Pterygium. <i>JAMA Ophthalmology</i> , 1995, 113, 1356.	2.4	23
28	Cataract surgery on the previous corneal refractive surgery patient. <i>Survey of Ophthalmology</i> , 2016, 61, 769-777.	4.0	23
29	Goldmann Applanation Tonometry Using Sterile Disposable Silicone Tonometer Shields. <i>Ophthalmology</i> , 1996, 103, 815-821.	5.2	22
30	Short-term changes in ocular surface signs and symptoms after phacoemulsification. <i>European Journal of Ophthalmology</i> , 2020, 30, 1301-1307.	1.3	22
31	Vector Analysis of Evolutive Corneal Astigmatic Changes in Keratoconus. , 2011, 52, 4054.		21
32	Digital System Measurement of Decentration of Worst-Fechner Iris Claw Myopia Intraocular Lens. <i>Journal of Refractive Surgery</i> , 1995, 11, 26-66.	2.3	21
33	Corneal epithelial alterations resulting from use of chlorine-disinfected contact tonometer after myopic photorefractive keratectomy11The author has no proprietary interest in the development or marketing of this or a competing instrument or disinfectant method.. <i>Ophthalmology</i> , 1998, 105, 1546-1549.	5.2	20
34	Final clear corneal incision size for AcrySof intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 1999, 25, 959-963.	1.5	18
35	Clinical and tear cytokine profiles after advanced surface ablation refractive surgery: A six-month follow-up. <i>Experimental Eye Research</i> , 2020, 193, 107976.	2.6	18
36	Reliability of Noncontact Pachymetry after Laser In Situ Keratomileusis. , 2009, 50, 4135.		17

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37	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.	3.3	16
38	Early Changes in Corneal Epithelial Thickness after Cataract Surgery – Pilot Study. <i>Current Eye Research</i> , 2015, 41, 1-7.	1.5	15
39	Corneal flap thickness and tissue laser ablation in myopic lasik. <i>Ophthalmology</i> , 2002, 109, 1042-1043.	5.2	14
40	Potential of video games for the promotion of neuroadaptation to multifocal intraocular lenses: a narrative review. <i>International Journal of Ophthalmology</i> , 2019, 12, 1782-1787.	1.1	14
41	A non-invasive method for an in vivo assessment of corneal epithelium permeability through tetrapolar impedance measurements. <i>Biosensors and Bioelectronics</i> , 2012, 31, 55-61.	10.1	13
42	Comparison of Intersecting Trapezoidal Keratotomy and Arcuate Transverse Keratotomy in the Correction of High Astigmatism. <i>Journal of Refractive Surgery</i> , 1996, 12, 585-655.	2.3	13
43	Bilateral ischemic optic neuropathy after transurethral prostatic resection: a case report. <i>BMC Ophthalmology</i> , 2006, 6, 32.	1.4	12
44	Agreement of non-contact pachymetry after LASIK: comparison of combined scanning-slit/Placido disc topography and specular microscopy. <i>Eye</i> , 2010, 24, 1064-1070.	2.1	12
45	Comparison of central corneal thickness using optical low-coherence reflectometry and spectral-domain optical coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 758-764.	1.5	12
46	Combined procedure for glaucoma and cataract: A retrospective study. <i>Journal of Cataract and Refractive Surgery</i> , 1994, 20, 498-503.	1.5	11
47	Posterior Corneal Curvature Changes after Undersurface Ablation of the Flap and In-the-Bed LASIK Retreatment. <i>Ophthalmology</i> , 2006, 113, 1125-1133.	5.2	11
48	Ocular pain and discomfort after advanced surface ablation: an ignored complaint. <i>Clinical Ophthalmology</i> , 2015, 9, 1625.	1.8	11
49	Pain perception description after advanced surface ablation. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 647-655.	1.8	11
50	Refractive Outcomes and Quality of Vision Related to an Outbreak of Diffuse Lamellar Keratitis. <i>Journal of Refractive Surgery</i> , 2011, 27, 804-810.	2.3	11
51	Lack of Agreement among Electrical Impedance and Freezing-Point Osmometers. <i>Optometry and Vision Science</i> , 2016, 93, 482-487.	1.2	10
52	Comparison of specular microscopy and ultrasound pachymetry before and after cataract surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 387-392.	1.9	10
53	Flap tearing during lift-flap laser in situ keratomileusis retreatment. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 2016-2018.	1.5	9
54	Cataract surgery in a patient with Brown-McLean syndrome. <i>Journal of Cataract and Refractive Surgery</i> , 2001, 27, 1335-1337.	1.5	8

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55	Long-term Results of Combined Cataract, IOL and Glaucoma Surgery. <i>European Journal of Implant and Refractive Surgery</i> , 1994, 6, 30-35.	0.3	7
56	Anterior Chamber Contamination Following Uncomplicated Cataract Surgery: Comparative Results Using Intravenous Imipenem. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 1996, 27, 1005-1011.	0.7	7
57	Extensive corneal epithelial defect associated with internal hordeolum after uneventful laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2002, 28, 1700-1702.	1.5	6
58	Flexible probe for in vivo quantification of corneal epithelium permeability through non-invasive tetrapolar impedance measurements. <i>Biomedical Microdevices</i> , 2013, 15, 849-858.	2.8	5
59	Dependability of Posterior-Segment Spectral Domain Optical Coherence Tomography for Measuring Central Corneal Thickness. <i>Cornea</i> , 2014, 33, 1219-1224.	1.7	5
60	Reading Performance Improvements in Patients with Central Vision Loss without Age-Related Macular Degeneration after Undergoing Personalized Rehabilitation Training. <i>Current Eye Research</i> , 2017, 42, 1260-1268.	1.5	5
61	Subtarsal Flap Dislocation After Superior Hinge Laser in situ Keratomileusis in a Patient With Borderline Mental Illness. <i>Journal of Refractive Surgery</i> , 2003, 19, 169-171.	2.3	5
62	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	5
63	The Corneal Endothelium and Myopic Excimer Laser Photorefractive Keratectomy. <i>JAMA Ophthalmology</i> , 1995, 113, 697.	2.4	4
64	Dependability of Pachymetry Measurements after Myopic Advanced Surface Ablation Using Scanning-Slit Topography and Specular Microscopy. , 2013, 54, 1054.		4
65	New Trends in Quantitative Assessment of the Corneal Barrier Function. <i>Sensors</i> , 2014, 14, 8718-8727.	3.8	4
66	&lt;p&gt;Evaluation of Potential Pain Biomarkers in Saliva and Pain Perception After Corneal Advanced Surface Ablation Surgery&lt;/p&gt;. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 613-623.	1.8	4
67	Laser-Assisted In Situ Keratomileusis Posterior Ablation Platform. <i>JAMA Ophthalmology</i> , 2005, 123, 988.	2.4	3
68	Can we measure mesopic pupil size with the cobalt blue light slit-lamp biomicroscopy method?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 1637-1647.	1.9	3
69	Human Corneal Endothelium after Excimer Laser PRK. <i>Ophthalmology</i> , 1995, 102, 1736-1737.	5.2	2
70	Cataract surgery in cases with previous corneal surgery. <i>Expert Review of Ophthalmology</i> , 2014, 9, 247-257.	0.6	2
71	Consistency of Corneal Sublayer Thickness Measurements using Fourier-Domain Optical Coherence Tomography after Phacoemulsification. <i>European Journal of Ophthalmology</i> , 2016, 26, 540-545.	1.3	2
72	Mesopic Disability Glare in Stage-Two Dysfunctional Lens Syndrome. <i>Ophthalmology and Therapy</i> , 2022, 11, 677.	2.3	2

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73	Patient-Reported Outcomes in Spanish Patients Diagnosed with Bilateral Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2013, 230, 69-75.	1.9	1
74	Clinical Utility of Combined Placidoâ€“Scanning-Slit Midperipheral and Thinnest Point Pachymetry After Corneal Ablation for Myopia. <i>Cornea</i> , 2014, 33, 266-270.	1.7	1
75	Monochromatic higher order aberrations in highly myopic eyes with Staphyloma. <i>BMC Ophthalmology</i> , 2021, 21, 223.	1.4	1
76	Subtarsal flap dislocation after superior hinge laser in situ keratomileusis in a patient with borderline mental illness. <i>Journal of Refractive Surgery</i> , 2003, 19, 169-71.	2.3	1
77	Letter to the editor. â€œComparison of specular microscopy and ultrasound pachymetry before and after cataract surgeryâ€“, <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 839-840.	1.9	0
78	<i>Transforming growth factor betaâ€“induced</i> p.(L558P) variant is associated with autosomal dominant lattice corneal dystrophy type IV in a large cohort of Spanish patients. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 871-880.	2.6	0
79	Laser Refractive Surgery in a Patient With a Prepapillary Arterial Loop. <i>Journal of Refractive Surgery</i> , 2008, 24, 49-51.	2.3	0
80	Anterior Segment OCT: How to Choose for Your Practice. <i>Essentials in Ophthalmology</i> , 2021, , 21-30.	0.1	0
81	Comments on: screening for refractive errors in children. <i>Comprehensive Ophthalmology Update</i> , 2006, 7, 77-8.	0.3	0