

Alejandro CerviÃ±o

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

2,439
citations

201575

27
h-index

243529

44
g-index

113
all docs

113
docs citations

113
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of corneal astigmatism before cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 70-75.	0.7	317
2	Central and peripheral corneal thickness measurement with Orbscan II and topographical ultrasound pachymetry. <i>Journal of Cataract and Refractive Surgery</i> , 2003, 29, 125-132.	0.7	126
3	Analysis of the possible benefits of aspheric intraocular lenses: Review of the literature. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 172-181.	0.7	122
4	The Tear Film and the optical Quality of the Eye. <i>Ocular Surface</i> , 2010, 8, 185-192.	2.2	84
5	Apodized diffractive versus refractive multifocal intraocular lenses: Optical and visual evaluation. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 2036-2042.	0.7	73
6	Retinal Straylight and Complaint Scores 18 Months After Implantation of the AcrySof Monofocal and ReSTOR Diffractive Intraocular Lenses. <i>Journal of Refractive Surgery</i> , 2009, 25, 485-492.	1.1	61
7	Retinal straylight in patients with monofocal and multifocal intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 441-446.	0.7	55
8	Effect of contact lens surface properties on comfort, tear stability and ocular physiology. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 117-121.	0.8	55
9	Performance of the compensation comparison method for retinal straylight measurement: effect of patient's age on repeatability. <i>British Journal of Ophthalmology</i> , 2008, 92, 788-791.	2.1	52
10	Optical quality after instillation of eyedrops in dry-eye syndrome. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 935-940.	0.7	51
11	Use of digital displays and ocular surface alterations: A review. <i>Ocular Surface</i> , 2021, 19, 252-265.	2.2	50
12	Clinical Ocular Wavefront Analyzers. <i>Journal of Refractive Surgery</i> , 2007, 23, 603-616.	1.1	49
13	Visual performance with simultaneous vision multifocal contact lenses. <i>Australasian journal of optometry</i> , The, 2012, 95, 54-59.	0.6	48
14	Accuracy and Precision of EyeSys and Orbscan Systems on Calibrated Spherical Test Surfaces. <i>Eye and Contact Lens</i> , 2004, 30, 74-78.	0.8	47
15	Optical quality of the eye after lens replacement with a pseudoaccommodating intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 763-768.	0.7	44
16	Optical quality of the diabetic eye: a review. <i>Eye</i> , 2014, 28, 1271-1280.	1.1	41
17	Long-term comparison of corneal aberration changes after laser in situ keratomileusis: Mechanical microkeratome versus femtosecond laser flap creation. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 1934-1944.	0.7	38
18	Changes in Corneal Structure with Continuous Wear of High-Dk Soft Contact Lenses: A Pilot Study. <i>Optometry and Vision Science</i> , 2003, 80, 440-446.	0.6	37

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19	Rebound tonometry: new opportunities and limitations of non-invasive determination of intraocular pressure. <i>British Journal of Ophthalmology</i> , 2006, 90, 1444-1446.	2.1	37
20	Quantitative corneal anatomy: evaluation of the effect of diabetes duration on the endothelial cell density and corneal thickness. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 293-298.	1.0	35
21	Subjective Satisfaction in Long-term Orthokeratology Patients. <i>Eye and Contact Lens</i> , 2013, 39, 388-393.	0.8	31
22	Contrast Sensitivity After LASIK Flap Creation With a Femtosecond Laser and a Mechanical Microkeratome. <i>Journal of Refractive Surgery</i> , 2007, 23, 188-192.	1.1	31
23	Intrasubject repeatability of corneal power, thickness, and wavefront aberrations with a new version of a dual rotating Scheimpflug-Placido system. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 186-192.	0.7	30
24	Contrast sensitivity after refractive lens exchange with diffractive multifocal intraocular lens implantation in hyperopic eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 2043-2048.	0.7	29
25	The posterior chamber phakic refractive lens (PRL): a review. <i>Eye</i> , 2013, 27, 14-21.	1.1	29
26	Wavefront Analyzers Induce Instrument Myopia. <i>Journal of Refractive Surgery</i> , 2006, 22, 795-803.	1.1	28
27	Combining Zonal Refractive and Diffractive Aspheric Multifocal Intraocular Lenses. <i>Journal of Refractive Surgery</i> , 2012, 28, 174-181.	1.1	28
28	High-Resolution Spectral Domain Optical Coherence Tomography Technology for the Visualization of Contact Lens to Cornea Relationships. <i>Cornea</i> , 2010, 29, 1359-1367.	0.9	27
29	Short-Term Impact of FS-LASIK and SMILE on Dry Eye Metrics and Corneal Nerve Morphology. <i>Cornea</i> , 2020, 39, 851-857.	0.9	27
30	Effect of sport-tinted contact lenses for contrast enhancement on retinal straylight measurements. <i>Ophthalmic and Physiological Optics</i> , 2008, 28, 151-156.	1.0	26
31	Repeatability of Non-invasive Keratograph Break-Up Time measurements obtained using Oculus Keratograph 5M. <i>International Ophthalmology</i> , 2021, 41, 2473-2483.	0.6	26
32	Visual and optical performance with hybrid multifocal intraocular lenses. <i>Australasian journal of optometry</i> , The, 2010, 93, 426-440.	0.6	24
33	Determination of corneal volume from anterior topography and topographic pachymetry: application to healthy and keratoconic eyes. <i>Ophthalmic and Physiological Optics</i> , 2009, 29, 652-660.	1.0	23
34	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> , 2020, 40, 718-727.	1.0	23
35	A pilot study on the differences in wavefront aberrations between two ethnic groups of young generally myopic subjects. <i>Ophthalmic and Physiological Optics</i> , 2008, 28, 532-537.	1.0	20
36	Dynamic changes in the air-tear film interface modulation transfer function. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 127-132.	1.0	20

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37	Stereopsis in bilaterally multifocal pseudophakic patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 245-251.	1.0	20
38	Visual and optical performance with the ReZoom multifocal intraocular lens. European Journal of Ophthalmology, 2012, 22, 356-362.	0.7	20
39	Retinal straylight and light distortion phenomena in normal and post-LASIK eyes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1561-1566.	1.0	19
40	Visual function through 4 contact lens-based pinhole systems for presbyopia. Journal of Cataract and Refractive Surgery, 2012, 38, 858-865.	0.7	19
41	Short-Term Changes in Light Distortion in Orthokeratology Subjects. BioMed Research International, 2015, 2015, 1-7.	0.9	19
42	A comparison of two pachymetric systems: slit-scanning and ultrasonic. The CLAO Journal, 2002, 28, 221-3.	0.3	19
43	The tear turnover and tear clearance tests – a review. Expert Review of Medical Devices, 2018, 15, 219-229.	1.4	18
44	Clinical Evaluation of the New TGDc-01 PRA Palpebral Tonometer: Comparison with Contact and non-Contact Tonometry. Optometry and Vision Science, 2005, 82, 143-150.	0.6	17
45	Intraocular lens centration and stability: efficacy of current technique and technology. Current Opinion in Ophthalmology, 2009, 20, 33-36.	1.3	17
46	Stereoacuity After Refractive Lens Exchange with AcrySof ReSTOR Intraocular Lens Implantation. Journal of Refractive Surgery, 2009, 25, 1000-1004.	1.1	17
47	Comparison of Higher Order Aberrations Measured by NIDEK OPD-Scan Dynamic Skiascopy and Zeiss WASCA Hartmann-Shack Aberrometers. Journal of Refractive Surgery, 2008, 24, 790-796.	1.1	16
48	Systemic, environmental and lifestyle risk factors for dry eye disease in a mediterranean caucasian population. Contact Lens and Anterior Eye, 2022, 45, 101539.	0.8	15
49	OCT for Assessing Artificial Tears Effectiveness in Contact Lens Wearers. Optometry and Vision Science, 2012, 89, E62-E69.	0.6	14
50	The Effect of Anesthetic Eye Drop Instillation on the Distribution of Corneal Thickness. Cornea, 2013, 32, e102-e105.	0.9	14
51	Ocular autofluorescence in diabetes mellitus. A review. Journal of Diabetes, 2016, 8, 619-628.	0.8	14
52	Comparison of two artificial tear formulations for dry eye through high-resolution optical coherence tomography. Australasian journal of optometry, The, 2011, 94, 549-556.	0.6	13
53	Corneal Thickness Differences between Sexes after Oxybuprocaine Eye Drops. Optometry and Vision Science, 2015, 92, 89-94.	0.6	13
54	Corneal Aberrations, Contrast Sensitivity, and Light Distortion in Orthokeratology Patients: 1-Year Results. Journal of Ophthalmology, 2016, 2016, 1-8.	0.6	13

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55	Visual and optical performance and quality of life after implantation of posterior chamber phakic intraocular lens. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 331-340.	1.0	12
56	Clinical ocular wavefront analyzers. Journal of Refractive Surgery, 2007, 23, 603-16.	1.1	12
57	Objective measurement of intraocular forward light scatter using Hartmann-Shack spot patterns from clinical aberrometers. Journal of Cataract and Refractive Surgery, 2008, 34, 1089-1095.	0.7	11
58	Medium-term visual, refractive, and intraocular stability after implantation of a posterior chamber phakic intraocular lens to correct moderate to high myopia. Journal of Cataract and Refractive Surgery, 2011, 37, 1791-1798.	0.7	11
59	âœln Situâœ Corneal and Contact Lens Thickness Changes with High-Resolution Optical Coherence Tomography. Cornea, 2012, 31, 633-638.	0.9	11
60	Fixed Mydriatic Pupil Associated with an Intraocular Pressure Rise as a Complication of the Implant of a Phakic Refractive Lens (PRL). Seminars in Ophthalmology, 2014, 29, 205-209.	0.8	11
61	Meibomian glands visibility assessment through a new quantitative method. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1323-1331.	1.0	11
62	Light Scatter and Disability Glare After Intraocular Lens Implantation. JAMA Ophthalmology, 2009, 127, 576.	2.6	10
63	Comparison of partial coherence interferometry and ultrasound for anterior segment biometry. Journal of Cataract and Refractive Surgery, 2009, 35, 324-329.	0.7	10
64	A 12-month Prospective Study of Tear Osmolarity in Contact Lens Wearers Refitted with Daily Disposable Soft Contact Lenses. Optometry and Vision Science, 2020, 97, 178-185.	0.6	10
65	External Factors Affecting Data Acquisition During Corneal Topography Examination. Eye and Contact Lens, 2007, 33, 91-97.	0.8	9
66	Operator-induced errors in Hartmann-Shack wavefront sensing: Model eye study. Journal of Cataract and Refractive Surgery, 2007, 33, 115-121.	0.7	9
67	Relevance of pupil size in the clinical determination of retinal straylight on young healthy human eyes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 395-399.	1.0	9
68	Corneal Thickness Response after Anesthetic Eye Drops: Our Own Results and Meta-Analysis. BioMed Research International, 2018, 2018, 1-9.	0.9	9
69	Comparison of Macular Thickness in Patients with Keratoconus and Control Subjects Using the Cirrus HD-OCT. BioMed Research International, 2015, 2015, 1-5.	0.9	8
70	Evaluating tear clearance rate with optical coherence tomography. Contact Lens and Anterior Eye, 2018, 41, 54-59.	0.8	8
71	Pilot Study on Visual Function and Fundus Autofluorescence Assessment in Diabetic Patients. Journal of Ophthalmology, 2016, 2016, 1-10.	0.6	7
72	Tear film stability over a myopia control contact lens compared to a monofocal design. Australasian journal of optometry, The, 2022, 105, 41-47.	0.6	7

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73	Wavefront analyzers induce instrument myopia. <i>Journal of Refractive Surgery</i> , 2006, 22, 795-803.	1.1	7
74	Short-term tear film stability, optical quality and visual performance in two dual-focus contact lenses for myopia control with different optical designs. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 1062-1073.	1.0	7
75	Comparison of keratometric values of healthy eyes measured by javal keratometer, nidek autokeratometer, and corneal analysis system (EyeSys). <i>International Contact Lens Clinic (New York, N)</i> Tj ETQq1 1c01784314rgBT /O		
76	Corneal topography and its role in refractive surgery. , 2004, , 9-16.		6
77	A comparison of the Canon TX-20P, a non-contact tonometer and pachymeter in healthy eyes. <i>International Journal of Ophthalmic Practice</i> , 2012, 3, 96-102.	0.0	6
78	Light distortion of soft multifocal contact lenses with different pupil size and shape. <i>Contact Lens and Anterior Eye</i> , 2020, 43, 130-136.	0.8	6
79	Diagnostic Capability of a New Objective Method to Assess Meibomian Gland Visibility. <i>Optometry and Vision Science</i> , 2021, 98, 1045-1055.	0.6	6
80	A pilot study on total, corneal, and internal aberrations in insulin-dependent and non-insulin-dependent diabetes mellitus patients. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 645-653.	1.0	5
81	Confocal scanning laser ophthalmoscopy versus modified conventional fundus camera for fundus autofluorescence. <i>Expert Review of Medical Devices</i> , 2016, 13, 965-978.	1.4	5
82	Spotlight on fundus autofluorescence. <i>Clinical Optometry</i> , 2018, Volume 10, 25-32.	0.4	5
83	OCT applications in contact lens fitting. <i>Contact Lens and Anterior Eye</i> , 2022, 45, 101540.	0.8	5
84	Contrast sensitivity after LASIK flap creation with a femtosecond laser and a mechanical microkeratome. <i>Journal of Refractive Surgery</i> , 2007, 23, 188-92.	1.1	5
85	Digital display use and contact lens wear: Effects on dry eye signs and symptoms. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 797-806.	1.0	5
86	Retinal Straylight Before and After Penetrating Keratoplasty in an Eye with a Post-Herpetic Corneal Scar. <i>Journal of Optometry</i> , 2008, 1, 50-52.	0.7	4
87	Preliminary in vivo positional analysis of a posterior chamber phakic intraocular lens by optical coherence tomography and its correlation with clinical outcomes. <i>Journal of Optometry</i> , 2012, 5, 121-130.	0.7	4
88	Performance of a new device for the clinical determination of light discomfort. <i>Expert Review of Medical Devices</i> , 2020, 17, 1221-1230.	1.4	4
89	An Emerging Method to Assess Tear Film Spread and Dynamics as Possible Tear Film Homeostasis Markers. <i>Current Eye Research</i> , 2021, 46, 1291-1298.	0.7	4
90	Validation of a new objective method to assess lipid layer thickness without the need of an interferometer. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 655-676.	1.0	4

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91	Clinical use of the ocular point spread function for retinal image quality assessment. Expert Review of Ophthalmology, 2008, 3, 523-527.	0.3	3
92	Evaluation of the anterior chamber angle in keratoconus and normal subjects. Contact Lens and Anterior Eye, 2015, 38, 277-282.	0.8	3
93	Response of the Aging Eye to First Day of Modern Material Contact Lens Wear. Eye and Contact Lens, 2019, 45, 40-45.	0.8	3
94	Evaluation of Physiological Parameters on Discomfort Glare Thresholds Using LUMIZ 100 Tool. Translational Vision Science and Technology, 2021, 10, 28.	1.1	3
95	Peripheral refraction of myopic eyes with spectacle lenses correction and lens free emmetropes during accommodation. Eye and Vision (London, England), 2021, 8, 45.	1.4	3
96	Reply : Corneal cylinder in cataractous eyes. Journal of Cataract and Refractive Surgery, 2009, 35, 958-959.	0.7	2
97	Ocular surface predisposing factors for digital display-induced dry eye. Australasian journal of optometry, The, 2023, 106, 373-379.	0.6	2
98	Depth of field and visual performance after implantation of a new hydrophobic trifocal intraocular lens. BMC Ophthalmology, 2022, 22, .	0.6	2
99	Reply : History of IOLs that correct spherical aberration. Journal of Cataract and Refractive Surgery, 2009, 35, 963-964.	0.7	1
100	Clinical Impact of a Spontaneous Decentration of a Phakic Refractive Lens. Optometry and Vision Science, 2011, 88, E1375-E1379.	0.6	1
101	Reply : Binocular distance visual acuity does not decrease with the Kamra intra-corneal inlay. Journal of Cataract and Refractive Surgery, 2012, 38, 2062-2064.	0.7	1
102	Simulated prototype of posterior chamber phakic intraocular lens for presbyopia correction. Journal of Cataract and Refractive Surgery, 2015, 41, 2266-2273.	0.7	1
103	Reliability of manual segmentation of cornea, contact lens and tear film using a high-resolution OCT. Journal of Modern Optics, 2015, 62, 1808-1815.	0.6	1
104	Effects of Ageing on the Anterior Segment of the Eye Structure and Function. Journal of Ophthalmology, 2018, 2018, 1-2.	0.6	1
105	Effects of Ageing on the Eye Structure and Function 2019. Journal of Ophthalmology, 2020, 2020, 1-2.	0.6	1
106	Assessment of meibomian gland drop-out and visibility through a new quantitative method in scleral lens wearers: A one-year follow-up study. Contact Lens and Anterior Eye, 2022, , 101571.	0.8	1
107	VisuMax [®] femtosecond laser for corneal refractive surgery. Expert Review of Ophthalmology, 2008, 3, 385-388.	0.3	0
108	Statistical analysis of stereopsis in ophthalmology research. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 783-783.	1.0	0

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109	Collyria seals in the Roman Empire. AMHA - Acta Medico-Historica Adriatica, 2013, 11, 89-100.	0.0	0
110	Effect of diabetes mellitus on quantitative corneal anatomy – A systemic review. African Vision and Eye Health, 2022, 81, .	0.1	0