Alejandro CerviÃ±o

List of Publications by Year
in descending order

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110 papers	2,439 citations	201674 27 h-index	243625 44 g-index
113 all docs	113 docs citations	113 times ranked	1639 citing authors

#	Article	IF	Citations
1	Ocular surface predisposing factors for digital display-induced dry eye. Australasian journal of optometry, The, 2023, 106, 373-379.	1.3	2
2	Tear film stability over a myopia control contact lens compared to a monofocal design. Australasian journal of optometry, The, 2022, 105, 41-47.	1.3	7
3	Validation of a new objective method to assess lipid layer thickness without the need of an interferometer. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 655-676.	1.9	4
4	OCT applications in contact lens fitting. Contact Lens and Anterior Eye, 2022, 45, 101540.	1.7	5
5	Systemic, environmental and lifestyle risk factors for dry eye disease in a mediterranean caucasian population. Contact Lens and Anterior Eye, 2022, 45, 101539.	1.7	15
6	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.	1.7	1
7	Digital display use and contact lens wear: Effects on dry eye signs and symptoms. Ophthalmic and Physiological Optics, 2022, 42, 797-806.	2.0	5
8	Depth of field and visual performance after implantation of a new hydrophobic trifocal intraocular lens. BMC Ophthalmology, 2022, 22, .	1.4	2
9	Effect of diabetes mellitus on quantitative corneal anatomy â€“ A systemic review. African Vision and Eye Health, 2022, 81, .	0.2	0
10	Shortâ€term tear film stability, optical quality and visual performance in two dualâ€focus contact lenses for myopia control with different optical designs. Ophthalmic and Physiological Optics, 2022, 42, 1062-1073.	2.0	7
11	Use of digital displays and ocular surface alterations: A review. Ocular Surface, 2021, 19, 252-265.	4.4	50
12	An Emerging Method to Assess Tear Film Spread and Dynamics as Possible Tear Film Homeostasis Markers. Current Eye Research, 2021, 46, 1291-1298.	1.5	4
13	Repeatability of Non-invasive Keratograph Break-Up Time measurements obtained using Oculus Keratograph 5M. International Ophthalmology, 2021, 41, 2473-2483.	1.4	26
14	Evaluation of Physiological Parameters on Discomfort Glare Thresholds Using LUMIZ 100 Tool. Translational Vision Science and Technology, 2021, 10, 28.	2.2	3
15	Diagnostic Capability of a New Objective Method to Assess Meibomian Gland Visibility. Optometry and Vision Science, 2021, 98, 1045-1055.	1.2	6
16	Meibomian glands visibility assessment through a new quantitative method. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1323-1331.	1.9	11
17	Peripheral refraction of myopic eyes with spectacle lenses correction and lens free emmetropes during accommodation. Eye and Vision (London, England), 2021, 8, 45.	3.0	3
18	Light distortion of soft multifocal contact lenses with different pupil size and shape. Contact Lens and Anterior Eye, 2020, 43, 130-136.	1.7	6

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19	Performance of a new device for the clinical determination of light discomfort. Expert Review of Medical Devices, 2020, 17, 1221-1230.	2.8	4
20	Comparison of shortâ€term light disturbance, optical and visual performance outcomes between a myopia control contact lens and a singleâ€vision contact lens. Ophthalmic and Physiological Optics, 2020, 40, 718-727.	2.0	23
21	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.	1.2	10
22	Short-Term Impact of FS-LASIK and SMILE on Dry Eye Metrics and Corneal Nerve Morphology. Cornea, 2020, 39, 851-857.	1.7	27
23	Effects of Ageing on the Eye Structure and Function 2019. Journal of Ophthalmology, 2020, 2020, 1-2.	1.3	1
24	Response of the Aging Eye to First Day of Modern Material Contact Lens Wear. Eye and Contact Lens, 2019, 45, 40-45.	1.6	3
25	The tear turnover and tear clearance tests â€“ a review. Expert Review of Medical Devices, 2018, 15, 219-229.	2.8	18
26	Evaluating tear clearance rate with optical coherence tomography. Contact Lens and Anterior Eye, 2018, 41, 54-59.	1.7	8
27	Effect of contact lens surface properties on comfort, tear stability and ocular physiology. Contact Lens and Anterior Eye, 2018, 41, 117-121.	1.7	55
28	Effects of Ageing on the Anterior Segment of the Eye Structure and Function. Journal of Ophthalmology, 2018, 2018, 1-2.	1.3	1
29	Corneal Thickness Response after Anesthetic Eye Drops: Our Own Results and Meta-Analysis. BioMed Research International, 2018, 2018, 1-9.	1.9	9
30	Spotlight on fundus autofluorescence. Clinical Optometry, 2018, Volume 10, 25-32.	1.2	5
31	Corneal Aberrations, Contrast Sensitivity, and Light Distortion in Orthokeratology Patients: 1-Year Results. Journal of Ophthalmology, 2016, 2016, 1-8.	1.3	13
32	Pilot Study on Visual Function and Fundus Autofluorescence Assessment in Diabetic Patients. Journal of Ophthalmology, 2016, 2016, 1-10.	1.3	7
33	Confocal scanning laser ophthalmoscopy versus modified conventional fundus camera for fundus autofluorescence. Expert Review of Medical Devices, 2016, 13, 965-978.	2.8	5
34	Ocular autofluorescence in diabetes mellitus. A review. Journal of Diabetes, 2016, 8, 619-628.	1.8	14
35	Simulated prototype of posterior chamber phakic intraocular lens for presbyopia correction. Journal of Cataract and Refractive Surgery, 2015, 41, 2266-2273.	1.5	1
36	Comparison of Macular Thickness in Patients with Keratoconus and Control Subjects Using the Cirrus HD-OCT. BioMed Research International, 2015, 2015, 1-5.	1.9	8

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37	Short-Term Changes in Light Distortion in Orthokeratology Subjects. BioMed Research International, 2015, 2015, 1-7.	1.9	19
38	Quantitative corneal anatomy: evaluation of the effect of diabetes duration on the endothelial cell density and corneal thickness. Ophthalmic and Physiological Optics, 2015, 35, 293-298.	2.0	35
39	A pilot study on total, corneal, and internal aberrations in insulin-dependent and non-insulin-dependent diabetes mellitus patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 645-653.	1.9	5
40	Evaluation of the anterior chamber angle in keratoconus and normal subjects. Contact Lens and Anterior Eye, 2015, 38, 277-282.	1.7	3
41	Corneal Thickness Differences between Sexes after Oxybuprocaine Eye Drops. Optometry and Vision Science, 2015, 92, 89-94.	1.2	13
42	Reliability of manual segmentation of cornea, contact lens and tear film using a high-resolution OCT. Journal of Modern Optics, 2015, 62, 1808-1815.	1.3	1
43	Intrasubject repeatability of corneal power, thickness, and wavefront aberrations with a new version of a dual rotating Scheimpflugâ€“Placido system. Journal of Cataract and Refractive Surgery, 2015, 41, 186-192.	1.5	30
44	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.	1.6	11
45	Optical quality of the diabetic eye: a review. Eye, 2014, 28, 1271-1280.	2.1	41
46	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.	1.9	12
47	The posterior chamber phakic refractive lens (PRL): a review. Eye, 2013, 27, 14-21.	2.1	29
48	Subjective Satisfaction in Long-term Orthokeratology Patients. Eye and Contact Lens, 2013, 39, 388-393.	1.6	31
49	The Effect of Anesthetic Eye Drop Instillation on the Distribution of Corneal Thickness. Cornea, 2013, 32, e102-e105.	1.7	14
50	Collyria seals in the Roman Empire. AMHA - Acta Medico-Historica Adriatica, 2013, 11, 89-100.	0.0	0
51	OCT for Assessing Artificial Tears Effectiveness in Contact Lens Wearers. Optometry and Vision Science, 2012, 89, E62-E69.	1.2	14
52	A comparison of the Canon TX-20Pâ„¢ non-contact tonometer and pachymeter in healthy eyes. International Journal of Ophthalmic Practice, 2012, 3, 96-102.	0.0	6
53	â€œIn Situâ€•Corneal and Contact Lens Thickness Changes with High-Resolution Optical Coherence Tomography. Cornea, 2012, 31, 633-638.	1.7	11
54	Preliminary in vivo positional analysis of a posterior chamber phakic intraocular lens by optical coherence tomography and its correlation with clinical outcomes. Journal of Optometry, 2012, 5, 121-130.	1.3	4

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55	Visual function through 4 contact lensâ€“based pinhole systems for presbyopia. Journal of Cataract and Refractive Surgery, 2012, 38, 858-865.	1.5	19
56	Reply : Binocular distance visual acuity does not decrease with the Kamra intra-corneal inlay. Journal of Cataract and Refractive Surgery, 2012, 38, 2062-2064.	1.5	1
57	Visual and optical performance with the ReZoom multifocal intraocular lens. European Journal of Ophthalmology, 2012, 22, 356-362.	1.3	20
58	Statistical analysis of stereopsis in ophthalmology research. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 783-783.	1.9	0
59	Visual performance with simultaneous vision multifocal contact lenses. Australasian journal of optometry, The, 2012, 95, 54-59.	1.3	48
60	Combining Zonal Refractive and Diffractive Aspheric Multifocal Intraocular Lenses. Journal of Refractive Surgery, 2012, 28, 174-181.	2.3	28
61	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.	1.5	11
62	Clinical Impact of a Spontaneous Decentration of a Phakic Refractive Lens. Optometry and Vision Science, 2011, 88, E1375-E1379.	1.2	1
63	Comparison of two artificial tear formulations for dry eye through highâ€resolution optical coherence tomography. Australasian journal of optometry, The, 2011, 94, 549-556.	1.3	13
64	Stereopsis in bilaterally multifocal pseudophakic patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 245-251.	1.9	20
65	Retinal straylight and light distortion phenomena in normal and post-LASIK eyes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1561-1566.	1.9	19
66	High-Resolution Spectral Domain Optical Coherence Tomography Technology for the Visualization of Contact Lens to Cornea Relationships. Cornea, 2010, 29, 1359-1367.	1.7	27
67	Dynamic changes in the airâ€“tear film interface modulation transfer function. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 127-132.	1.9	20
68	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.	1.9	9
69	Visual and optical performance with hybrid multifocal intraocular lenses. Australasian journal of optometry, The, 2010, 93, 426-440.	1.3	24
70	Optical quality after instillation of eyedrops in dry-eye syndrome. Journal of Cataract and Refractive Surgery, 2010, 36, 935-940.	1.5	51
71	Long-term comparison of corneal aberration changes after laser in situ keratomileusis: Mechanical microkeratome versus femtosecond laser flap creation. Journal of Cataract and Refractive Surgery, 2010, 36, 1934-1944.	1.5	38
72	The Tear Film and the optical Quality of the Eye. Ocular Surface, 2010, 8, 185-192.	4.4	84

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73	Light Scatter and Disability Glare After Intraocular Lens Implantation. JAMA Ophthalmology, 2009, 127, 576.	2.4	10
74	Determination of corneal volume from anterior topography and topographic pachymetry: application to healthy and keratoconic eyes. Ophthalmic and Physiological Optics, 2009, 29, 652-660.	2.0	23
75	Analysis of the possible benefits of aspheric intraocular lenses: Review of the literature. Journal of Cataract and Refractive Surgery, 2009, 35, 172-181.	1.5	122
76	Prevalence of corneal astigmatism before cataract surgery. Journal of Cataract and Refractive Surgery, 2009, 35, 70-75.	1.5	317
77	Comparison of partial coherence interferometry and ultrasound for anterior segment biometry. Journal of Cataract and Refractive Surgery, 2009, 35, 324-329.	1.5	10
78	Reply : Corneal cylinder in cataractous eyes. Journal of Cataract and Refractive Surgery, 2009, 35, 958-959.	1.5	2
79	Reply : History of IOLs that correct spherical aberration. Journal of Cataract and Refractive Surgery, 2009, 35, 963-964.	1.5	1
80	Intraocular lens centration and stability: efficacy of current technique and technology. Current Opinion in Ophthalmology, 2009, 20, 33-36.	2.9	17
81	Retinal Straylight and Complaint Scores 18 Months After Implantation of the AcrySof Monofocal and ReSTOR Diffractive Intraocular Lenses. Journal of Refractive Surgery, 2009, 25, 485-492.	2.3	61
82	Stereoacuity After Refractive Lens Exchange with AcrySof ReSTOR Intraocular Lens Implantation. Journal of Refractive Surgery, 2009, 25, 1000-1004.	2.3	17
83	Effect of sportâ€tinted contact lenses for contrast enhancement on retinal straylight measurements. Ophthalmic and Physiological Optics, 2008, 28, 151-156.	2.0	26
84	A pilot study on the differences in wavefront aberrations between two ethnic groups of young generally myopic subjects. Ophthalmic and Physiological Optics, 2008, 28, 532-537.	2.0	20
85	Retinal Straylight Before and After Penetrating Keratoplasty in an Eye with a Post-Herpetic Corneal Scar. Journal of Optometry, 2008, 1, 50-52.	1.3	4
86	Retinal straylight in patients with monofocal and multifocal intraocular lenses. Journal of Cataract and Refractive Surgery, 2008, 34, 441-446.	1.5	55
87	Optical quality of the eye after lens replacement with a pseudoaccommodating intraocular lens. Journal of Cataract and Refractive Surgery, 2008, 34, 763-768.	1.5	44
88	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.	1.5	11
89	Apodized diffractive versus refractive multifocal intraocular lenses: Optical and visual evaluation. Journal of Cataract and Refractive Surgery, 2008, 34, 2036-2042.	1.5	73
90	Contrast sensitivity after refractive lens exchange with diffractive multifocal intraocular lens implantation in hyperopic eyes. Journal of Cataract and Refractive Surgery, 2008, 34, 2043-2048.	1.5	29

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91	Performance of the compensation comparison method for retinal straylight measurement: effect of patient's age on repeatability. British Journal of Ophthalmology, 2008, 92, 788-791.	3.9	52
92	VisuMax^{Â®}femtosecond laser for corneal refractive surgery. Expert Review of Ophthalmology, 2008, 3, 385-388.	0.6	0
93	Clinical use of the ocular point spread function for retinal image quality assessment. Expert Review of Ophthalmology, 2008, 3, 523-527.	0.6	3
94	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.	2.3	16
95	External Factors Affecting Data Acquisition During Corneal Topography Examination. Eye and Contact Lens, 2007, 33, 91-97.	1.6	9
96	Operator-induced errors in Hartmann-Shack wavefront sensing: Model eye study. Journal of Cataract and Refractive Surgery, 2007, 33, 115-121.	1.5	9
97	Contrast Sensitivity After LASIK Flap Creation With a Femtosecond Laser and a Mechanical Microkeratome. Journal of Refractive Surgery, 2007, 23, 188-192.	2.3	31
98	Clinical Ocular Wavefront Analyzers. Journal of Refractive Surgery, 2007, 23, 603-616.	2.3	49
99	Contrast sensitivity after LASIK flap creation with a femtosecond laser and a mechanical microkeratome. Journal of Refractive Surgery, 2007, 23, 188-92.	2.3	5
100	Clinical ocular wavefront analyzers. Journal of Refractive Surgery, 2007, 23, 603-16.	2.3	12
101	Rebound tonometry: new opportunities and limitations of non-invasive determination of intraocular pressure. British Journal of Ophthalmology, 2006, 90, 1444-1446.	3.9	37
102	Wavefront Analyzers Induce Instrument Myopia. Journal of Refractive Surgery, 2006, 22, 795-803.	2.3	28
103	Wavefront analyzers induce instrument myopia. Journal of Refractive Surgery, 2006, 22, 795-803.	2.3	7
104	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.	1.2	17
105	Corneal topography and its role in refractive surgery. , 2004, , 9-16.		6
106	Accuracy and Precision of EyeSys and Orbscan Systems on Calibrated Spherical Test Surfaces. Eye and Contact Lens, 2004, 30, 74-78.	1.6	47
107	Central and peripheral corneal thickness measurement with Orbscan II and topographical ultrasound pachymetry. Journal of Cataract and Refractive Surgery, 2003, 29, 125-132.	1.5	126
108	Changes in Corneal Structure with Continuous Wear of High-Dk Soft Contact Lenses: A Pilot Study. Optometry and Vision Science, 2003, 80, 440-446.	1.2	37

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109	A comparison of two pachymetric systems: slit-scanning and ultrasonic. The CLAO Journal, 2002, 28, 221-3.	0.3	19
110	Comparison of keratometric values of healthy eyes measured by javal keratometer, nidek autokeratometer, and corneal analysis system (EyeSys). International Contact Lens Clinic (New York, N) Tj ETQq0 0 0 rgBT /Overlock 10		