# Alejandro CerviÃ±o

List of Publications by Year
in descending order



| 110 | 2,439 | 230014 | 274796 |
|---|---|---|---|
| papers | citations | 27 h-index | 44 g-index |

| 113 | 113 | 113 | 1737 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. | 0.6 | 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. | 0.6 | 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. | 1.0 | 4 |
| 4 | OCT applications in contact lens fitting. Contact Lens and Anterior Eye, 2022, 45, 101540. | 0.8 | 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. | 0.8 | 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. | 0.8 | 1 |
| 7 | Digital display use and contact lens wear: Effects on dry eye signs and symptoms. Ophthalmic and Physiological Optics, 2022, 42, 797-806. | 1.0 | 5 |
| 8 | Depth of field and visual performance after implantation of a new hydrophobic trifocal intraocular lens. BMC Ophthalmology, 2022, 22, . | 0.6 | 2 |
| 9 | Effect of diabetes mellitus on quantitative corneal anatomy â€“ A systemic review. African Vision and Eye Health, 2022, 81, . | 0.1 | 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. | 1.0 | 7 |
| 11 | Use of digital displays and ocular surface alterations: A review. Ocular Surface, 2021, 19, 252-265. | 2.2 | 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. | 0.7 | 4 |
| 13 | Repeatability of Non-invasive Keratograph Break-Up Time measurements obtained using Oculus Keratograph 5M. International Ophthalmology, 2021, 41, 2473-2483. | 0.6 | 26 |
| 14 | Evaluation of Physiological Parameters on Discomfort Glare Thresholds Using LUMIZ 100 Tool. Translational Vision Science and Technology, 2021, 10, 28. | 1.1 | 3 |
| 15 | Diagnostic Capability of a New Objective Method to Assess Meibomian Gland Visibility. Optometry and Vision Science, 2021, 98, 1045-1055. | 0.6 | 6 |
| 16 | Meibomian glands visibility assessment through a new quantitative method. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1323-1331. | 1.0 | 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. | 1.4 | 3 |
| 18 | Light distortion of soft multifocal contact lenses with different pupil size and shape. Contact Lens and Anterior Eye, 2020, 43, 130-136. | 0.8 | 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. | 1.4 | 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. | 1.0 | 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. | 0.6 | 10 |
| 22 | Short-Term Impact of FS-LASIK and SMILE on Dry Eye Metrics and Corneal Nerve Morphology. Cornea, 2020, 39, 851-857. | 0.9 | 27 |
| 23 | Effects of Ageing on the Eye Structure and Function 2019. Journal of Ophthalmology, 2020, 2020, 1-2. | 0.6 | 1 |
| 24 | 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 |
| 25 | The tear turnover and tear clearance tests â€“ a review. Expert Review of Medical Devices, 2018, 15, 219-229. | 1.4 | 18 |
| 26 | Evaluating tear clearance rate with optical coherence tomography. Contact Lens and Anterior Eye, 2018, 41, 54-59. | 0.8 | 8 |
| 27 | Effect of contact lens surface properties on comfort, tear stability and ocular physiology. Contact Lens and Anterior Eye, 2018, 41, 117-121. | 0.8 | 55 |
| 28 | Effects of Ageing on the Anterior Segment of the Eye Structure and Function. Journal of Ophthalmology, 2018, 2018, 1-2. | 0.6 | 1 |
| 29 | Corneal Thickness Response after Anesthetic Eye Drops: Our Own Results and Meta-Analysis. BioMed Research International, 2018, 2018, 1-9. | 0.9 | 9 |
| 30 | Spotlight on fundus autofluorescence. Clinical Optometry, 2018, Volume 10, 25-32. | 0.4 | 5 |
| 31 | Corneal Aberrations, Contrast Sensitivity, and Light Distortion in Orthokeratology Patients: 1-Year Results. Journal of Ophthalmology, 2016, 2016, 1-8. | 0.6 | 13 |
| 32 | Pilot Study on Visual Function and Fundus Autofluorescence Assessment in Diabetic Patients. Journal of Ophthalmology, 2016, 2016, 1-10. | 0.6 | 7 |
| 33 | Confocal scanning laser ophthalmoscopy versus modified conventional fundus camera for fundus autofluorescence. Expert Review of Medical Devices, 2016, 13, 965-978. | 1.4 | 5 |
| 34 | Ocular autofluorescence in diabetes mellitus. A review. Journal of Diabetes, 2016, 8, 619-628. | 0.8 | 14 |
| 35 | Simulated prototype of posterior chamber phakic intraocular lens for presbyopia correction. Journal of Cataract and Refractive Surgery, 2015, 41, 2266-2273. | 0.7 | 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. | 0.9 | 8 |

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| 37 | Short-Term Changes in Light Distortion in Orthokeratology Subjects. BioMed Research International, 2015, 2015, 1-7. | 0.9 | 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. | 1.0 | 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. | 1.0 | 5 |
| 40 | Evaluation of the anterior chamber angle in keratoconus and normal subjects. Contact Lens and Anterior Eye, 2015, 38, 277-282. | 0.8 | 3 |
| 41 | Corneal Thickness Differences between Sexes after Oxybuprocaine Eye Drops. Optometry and Vision Science, 2015, 92, 89-94. | 0.6 | 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. | 0.6 | 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. | 0.7 | 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. | 0.8 | 11 |
| 45 | Optical quality of the diabetic eye: a review. Eye, 2014, 28, 1271-1280. | 1.1 | 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. | 1.0 | 12 |
| 47 | The posterior chamber phakic refractive lens (PRL): a review. Eye, 2013, 27, 14-21. | 1.1 | 29 |
| 48 | Subjective Satisfaction in Long-term Orthokeratology Patients. Eye and Contact Lens, 2013, 39, 388-393. | 0.8 | 31 |
| 49 | The Effect of Anesthetic Eye Drop Instillation on the Distribution of Corneal Thickness. Cornea, 2013, 32, e102-e105. | 0.9 | 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. | 0.6 | 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. | 0.9 | 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. | 0.7 | 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. | 0.7 | 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. | 0.7 | 1 |
| 57 | Visual and optical performance with the ReZoom multifocal intraocular lens. European Journal of Ophthalmology, 2012, 22, 356-362. | 0.7 | 20 |
| 58 | Statistical analysis of stereopsis in ophthalmology research. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 783-783. | 1.0 | 0 |
| 59 | Visual performance with simultaneous vision multifocal contact lenses. Australasian journal of optometry, The, 2012, 95, 54-59. | 0.6 | 48 |
| 60 | Combining Zonal Refractive and Diffractive Aspheric Multifocal Intraocular Lenses. Journal of Refractive Surgery, 2012, 28, 174-181. | 1.1 | 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. | 0.7 | 11 |
| 62 | Clinical Impact of a Spontaneous Decentration of a Phakic Refractive Lens. Optometry and Vision Science, 2011, 88, E1375-E1379. | 0.6 | 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. | 0.6 | 13 |
| 64 | Stereopsis in bilaterally multifocal pseudophakic patients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 245-251. | 1.0 | 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. | 1.0 | 19 |
| 66 | High-Resolution Spectral Domain Optical Coherence Tomography Technology for the Visualization of Contact Lens to Cornea Relationships. Cornea, 2010, 29, 1359-1367. | 0.9 | 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. | 1.0 | 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. | 1.0 | 9 |
| 69 | Visual and optical performance with hybrid multifocal intraocular lenses. Australasian journal of optometry, The, 2010, 93, 426-440. | 0.6 | 24 |
| 70 | Optical quality after instillation of eyedrops in dry-eye syndrome. Journal of Cataract and Refractive Surgery, 2010, 36, 935-940. | 0.7 | 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. | 0.7 | 38 |
| 72 | The Tear Film and the optical Quality of the Eye. Ocular Surface, 2010, 8, 185-192. | 2.2 | 84 |

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| 73 | Light Scatter and Disability Glare After Intraocular Lens Implantation. JAMA Ophthalmology, 2009, 127, 576. | 2.6 | 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. | 1.0 | 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. | 0.7 | 122 |
| 76 | Prevalence of corneal astigmatism before cataract surgery. Journal of Cataract and Refractive Surgery, 2009, 35, 70-75. | 0.7 | 317 |
| 77 | Comparison of partial coherence interferometry and ultrasound for anterior segment biometry. Journal of Cataract and Refractive Surgery, 2009, 35, 324-329. | 0.7 | 10 |
| 78 | Reply : Corneal cylinder in cataractous eyes. Journal of Cataract and Refractive Surgery, 2009, 35, 958-959. | 0.7 | 2 |
| 79 | Reply : History of IOLs that correct spherical aberration. Journal of Cataract and Refractive Surgery, 2009, 35, 963-964. | 0.7 | 1 |
| 80 | Intraocular lens centration and stability: efficacy of current technique and technology. Current Opinion in Ophthalmology, 2009, 20, 33-36. | 1.3 | 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. | 1.1 | 61 |
| 82 | Stereoacuity After Refractive Lens Exchange with AcrySof ReSTOR Intraocular Lens Implantation. Journal of Refractive Surgery, 2009, 25, 1000-1004. | 1.1 | 17 |
| 83 | Effect of sportâ€tinted contact lenses for contrast enhancement on retinal straylight measurements. Ophthalmic and Physiological Optics, 2008, 28, 151-156. | 1.0 | 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. | 1.0 | 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. | 0.7 | 4 |
| 86 | Retinal straylight in patients with monofocal and multifocal intraocular lenses. Journal of Cataract and Refractive Surgery, 2008, 34, 441-446. | 0.7 | 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. | 0.7 | 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. | 0.7 | 11 |
| 89 | Apodized diffractive versus refractive multifocal intraocular lenses: Optical and visual evaluation. Journal of Cataract and Refractive Surgery, 2008, 34, 2036-2042. | 0.7 | 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. | 0.7 | 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. | 2.1 | 52 |
| 92 | VisuMax<sup>Â®</sup>femtosecond laser for corneal refractive surgery. Expert Review of Ophthalmology, 2008, 3, 385-388. | 0.3 | 0 |
| 93 | Clinical use of the ocular point spread function for retinal image quality assessment. Expert Review of Ophthalmology, 2008, 3, 523-527. | 0.3 | 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. | 1.1 | 16 |
| 95 | External Factors Affecting Data Acquisition During Corneal Topography Examination. Eye and Contact Lens, 2007, 33, 91-97. | 0.8 | 9 |
| 96 | Operator-induced errors in Hartmann-Shack wavefront sensing: Model eye study. Journal of Cataract and Refractive Surgery, 2007, 33, 115-121. | 0.7 | 9 |
| 97 | Contrast Sensitivity After LASIK Flap Creation With a Femtosecond Laser and a Mechanical Microkeratome. Journal of Refractive Surgery, 2007, 23, 188-192. | 1.1 | 31 |
| 98 | Clinical Ocular Wavefront Analyzers. Journal of Refractive Surgery, 2007, 23, 603-616. | 1.1 | 49 |
| 99 | Contrast sensitivity after LASIK flap creation with a femtosecond laser and a mechanical microkeratome. Journal of Refractive Surgery, 2007, 23, 188-92. | 1.1 | 5 |
| 100 | Clinical ocular wavefront analyzers. Journal of Refractive Surgery, 2007, 23, 603-16. | 1.1 | 12 |
| 101 | Rebound tonometry: new opportunities and limitations of non-invasive determination of intraocular pressure. British Journal of Ophthalmology, 2006, 90, 1444-1446. | 2.1 | 37 |
| 102 | Wavefront Analyzers Induce Instrument Myopia. Journal of Refractive Surgery, 2006, 22, 795-803. | 1.1 | 28 |
| 103 | Wavefront analyzers induce instrument myopia. Journal of Refractive Surgery, 2006, 22, 795-803. | 1.1 | 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. | 0.6 | 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. | 0.8 | 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. | 0.7 | 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. | 0.6 | 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 | | |