

Cesar C Villa-Collar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

1,666
citations

24
h-index

38
g-index

98
ext. papers

2,061
ext. citations

3.1
avg, IF

4.94
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 84 | Upcoming Special Issue: "Artificial Intelligence, Data Science and E-health in Vision Research and Clinical Activity".. <i>Journal of Optometry</i> , 2022 , 15, 1-2 | 2.6 | 0 |
| 83 | Keratoconus: An updated review.. <i>Contact Lens and Anterior Eye</i> , 2022 , 101559 | 4.1 | 9 |
| 82 | Long-term effect of contact lens wear: A citation network study. <i>Contact Lens and Anterior Eye</i> , 2021 , 101527 | 4.1 | 0 |
| 81 | Predicting factors for progression of the myopia in the MiSight assessment study Spain (MASS). <i>Journal of Optometry</i> , 2021 , 15, 78-78 | 2.6 | 2 |
| 80 | Ocular and corneal aberrations changes in controlled randomized clinical trial MiSight Assessment Study Spain (MASS). <i>BMC Ophthalmology</i> , 2021 , 21, 112 | 2.3 | 2 |
| 79 | A Bibliometric and Citation Network Analysis of Myopia Genetics. <i>Genes</i> , 2021 , 12, | 4.2 | 3 |
| 78 | Impact of COVID-19 at the Ocular Level: A Citation Network Study. <i>Journal of Clinical Medicine</i> , 2021 , 10, | 5.1 | 3 |
| 77 | Nd:YAG laser vitreolysis and health-related quality of life in patients with symptomatic vitreous floaters. <i>European Journal of Ophthalmology</i> , 2021 , 11206721211008036 | 1.9 | 1 |
| 76 | Influence of Vision on Educational Performance: A Multivariate Analysis. <i>Sustainability</i> , 2021 , 13, 4187 | 3.6 | 0 |
| 75 | Impact of COVID-19 Home Confinement in Children's Refractive Errors. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18, | 4.6 | 7 |
| 74 | Corneal stromal roughness after VisuMax and Intralase femtosecond laser photodisruption: An atomic force microscopy study. <i>PLoS ONE</i> , 2021 , 16, e0252449 | 3.7 | |
| 73 | Epithelium-Off vs. transepithelial corneal collagen crosslinking in progressive keratoconus: 3 years of follow-up. <i>Journal of Optometry</i> , 2021 , 14, 189-198 | 2.6 | 3 |
| 72 | From evidence to fake news. <i>Journal of Optometry</i> , 2021 , 14, 100-101 | 2.6 | 1 |
| 71 | Rebound Effect in the Misight Assessment Study Spain (Mass). <i>Current Eye Research</i> , 2021 , 46, 1223-1226. | 6.9 | 7 |
| 70 | The Influence of Genetics in Myopia Control: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021 , 10, | 5.1 | 1 |
| 69 | Eye Injuries Epidemiology Description in a Working Population over 10 Years in Spain. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 1 |
| 68 | Visual Health and Academic Performance in School-Aged Children. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 4 |

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| 67 | Description of the epidemiological characteristics of work-related eye injuries in Spain: a retrospective study. <i>BMJ Open</i> , 2020 , 10, e035696 | 3 | 2 |
| 66 | Refractive, biometric and corneal topographic parameter changes during 12 months of orthokeratology. <i>Australasian journal of optometry, The</i> , 2020 , 103, 454-462 | 2.7 | 12 |
| 65 | Global trends in myopia management attitudes and strategies in clinical practice - 2019 Update. <i>Contact Lens and Anterior Eye</i> , 2020 , 43, 9-17 | 4.1 | 31 |
| 64 | Multifocal contact lenses: A bibliometric study. <i>Journal of Optometry</i> , 2020 , | 2.6 | 3 |
| 63 | Current State and Future Trends: A Citation Network Analysis of the Academic Performance Field. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 4 |
| 62 | The Relationship Between Screen and Outdoor Time With Rates of Myopia in Spanish Children. <i>Frontiers in Public Health</i> , 2020 , 8, 560378 | 6 | 12 |
| 61 | Citation Network Analysis of the Novel Coronavirus Disease 2019 (COVID-19). <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 10 |
| 60 | Slowing the Progression of Myopia in Children with the MiSight Contact Lens: A Narrative Review of the Evidence. <i>Ophthalmology and Therapy</i> , 2020 , 9, 783-795 | 5 | 6 |
| 59 | Effect of flap homogeneity on higher-order aberrations induction after femtosecond LASIK for myopia. <i>Journal of Cataract and Refractive Surgery</i> , 2020 , 46, 1278-1283 | 2.3 | 0 |
| 58 | Dry Eye Analysis: A Citation Network Study. <i>Journal of Ophthalmology</i> , 2019 , 2019, 3048740 | 2 | 1 |
| 57 | Prevalence and Risk Factors of Myopia in Spain. <i>Journal of Ophthalmology</i> , 2019 , 2019, 3419576 | 2 | 17 |
| 56 | Application of 3D Printing Technology in Scleral Cover Shell Prosthesis. <i>Journal of Medical Systems</i> , 2019 , 43, 149 | 5.1 | 5 |
| 55 | Current State and Future Trends: A Citation Network Analysis of the Orthokeratology Field. <i>Journal of Ophthalmology</i> , 2019 , 2019, 6964043 | 2 | |
| 54 | Intraocular pressure rises during laser in situ keratomileusis: Comparison of 3 femtosecond laser platforms. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 1172-1176 | 2.3 | 5 |
| 53 | Analysis of corneal stromal roughness after iFS 150 kHz and LenSx femtosecond LASIK flap creation in porcine eyes. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 2665-2670 | 3.8 | 3 |
| 52 | Binocular and accommodative function in the controlled randomized clinical trial MiSight Assessment Study Spain (MASS). <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 207-215 | 3.8 | 13 |
| 51 | Vision-Specific Quality of Life: Laser-Assisted in situ Keratomileusis Versus Overnight Contact Lens Wear. <i>Eye and Contact Lens</i> , 2019 , 45, 34-39 | 3.2 | 3 |
| 50 | Light disturbance analysis in the controlled randomized clinical trial MiSight Assessment Study Spain (MASS). <i>Contact Lens and Anterior Eye</i> , 2019 , 42, 200-205 | 4.1 | 10 |

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| 49 | MiSight Assessment Study Spain: Adverse Events, Tear Film Osmolarity, and Discontinuations. <i>Eye and Contact Lens</i> , 2018 , 44 Suppl 2, S180-S186 | 3.2 | 7 |
| 48 | MiSight Assessment Study Spain (MASS). A 2-year randomized clinical trial. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 1011-1021 | 3.8 | 67 |
| 47 | Bibliometric Study of Scientific Research on Scleral Lenses. <i>Eye and Contact Lens</i> , 2018 , 44 Suppl 2, S285-S291 | 3.2 | 9 |
| 46 | Fitting success for three multifocal designs: Multicentre randomised trial. <i>Contact Lens and Anterior Eye</i> , 2018 , 41, 258-262 | 4.1 | 10 |
| 45 | Comparison of visual outcomes and flap morphology using 2 femtosecond-laser platforms. <i>Journal of Cataract and Refractive Surgery</i> , 2018 , 44, 78-84 | 2.3 | 9 |
| 44 | MiSight Assessment Study Spain: A Comparison of Vision-Related Quality-of-Life Measures Between MiSight Contact Lenses and Single-Vision Spectacles. <i>Eye and Contact Lens</i> , 2018 , 44 Suppl 2, S99-S104 | 3.2 | 16 |
| 43 | Comparison Between Viscous Teardrops and Saline Solution to Fill Orthokeratology Contact Lenses Before Overnight Wear. <i>Eye and Contact Lens</i> , 2018 , 44 Suppl 1, S307-S311 | 3.2 | 6 |
| 42 | Relative peripheral refraction across 4 meridians after orthokeratology and LASIK surgery. <i>Eye and Vision (London, England)</i> , 2018 , 5, 12 | 4.9 | 27 |
| 41 | Milestones in the development of Spanish optometry. <i>Journal of Optometry</i> , 2018 , 11, 133-134 | 2.6 | 1 |
| 40 | Short-Term and Long-Term Changes in Corneal Power Are Not Correlated With Axial Elongation of the Eye Induced by Orthokeratology in Children. <i>Eye and Contact Lens</i> , 2018 , 44, 260-267 | 3.2 | 9 |
| 39 | Bibliometric Study of Scientific Research on Overnight Orthokeratology. <i>Eye and Contact Lens</i> , 2018 , 44, 344-349 | 3.2 | 5 |
| 38 | Corneal morphology and visual outcomes in LASIK patients after orthokeratology: A pilot study. <i>Contact Lens and Anterior Eye</i> , 2018 , 41, 507-512 | 4.1 | 1 |
| 37 | Short- and Long-Term Changes in Corneal Aberrations and Axial Length Induced by Orthokeratology in Children Are Not Correlated. <i>Eye and Contact Lens</i> , 2017 , 43, 358-363 | 3.2 | 13 |
| 36 | Long-term Efficacy of Orthokeratology Contact Lens Wear in Controlling the Progression of Childhood Myopia. <i>Current Eye Research</i> , 2017 , 42, 713-720 | 2.9 | 50 |
| 35 | Which soft lens power is better for piggyback in keratoconus? Part II. <i>Contact Lens and Anterior Eye</i> , 2015 , 38, 48-53 | 4.1 | 7 |
| 34 | The effects of entrance pupil centration and coma aberrations on myopic progression following orthokeratology. <i>Australasian journal of optometry, The</i> , 2015 , 98, 534-40 | 2.7 | 13 |
| 33 | Short-term changes in light distortion in orthokeratology subjects. <i>BioMed Research International</i> , 2015 , 2015, 278425 | 3 | 17 |
| 32 | Long-term changes in straylight induced by corneal refractive therapy: a pilot study. <i>Contact Lens and Anterior Eye</i> , 2014 , 37, 144-8 | 4.1 | 6 |

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| 31 | Corneal cross-linking for Acanthamoeba keratitis in an orthokeratology patient after swimming in contaminated water. <i>Contact Lens and Anterior Eye</i> , 2014 , 37, 224-7 | 4.1 | 36 |
| 30 | Short-term changes in ocular biometry and refraction after discontinuation of long-term orthokeratology. <i>Eye and Contact Lens</i> , 2014 , 40, 84-90 | 3.2 | 16 |
| 29 | Intraocular pressure after implantation of the Visian Implantable Collamer Lens With CentraFLOW without iridotomy. <i>American Journal of Ophthalmology</i> , 2013 , 156, 800-5 | 4.9 | 52 |
| 28 | Anterior segment changes produced in response to long-term overnight orthokeratology. <i>Current Eye Research</i> , 2013 , 38, 862-70 | 2.9 | 22 |
| 27 | Peripheral refraction with dominant design multifocal contact lenses in young myopes. <i>Journal of Optometry</i> , 2013 , 6, 85-94 | 2.6 | 24 |
| 26 | Myopia control with orthokeratology contact lenses in Spain: a comparison of vision-related quality-of-life measures between orthokeratology contact lenses and single-vision spectacles. <i>Eye and Contact Lens</i> , 2013 , 39, 153-7 | 3.2 | 42 |
| 25 | Factors preventing myopia progression with orthokeratology correction. <i>Optometry and Vision Science</i> , 2013 , 90, 1225-36 | 2.1 | 58 |
| 24 | Biomechanical properties in corneal refractive therapy during adaptation period and after treatment interruption: A pilot study. <i>Journal of Optometry</i> , 2012 , 5, 164-170 | 2.6 | 8 |
| 23 | Multi-aspheric description of the myopic cornea after different refractive treatments and its correlation with corneal higher order aberrations. <i>Journal of Optometry</i> , 2012 , 5, 171-181 | 2.6 | 5 |
| 22 | Myopia control with orthokeratology contact lenses in Spain: refractive and biometric changes 2012 , 53, 5060-5 | | 190 |
| 21 | Quality of life of myopic subjects with different methods of visual correction using the NEI RQL-42 questionnaire. <i>Eye and Contact Lens</i> , 2012 , 38, 116-21 | 3.2 | 39 |
| 20 | Tear film inflammatory mediators during continuous wear of contact lenses and corneal refractive therapy. <i>British Journal of Ophthalmology</i> , 2012 , 96, 1092-8 | 5.5 | 44 |
| 19 | Long-term changes in corneal structure and tear inflammatory mediators after orthokeratology and LASIK 2012 , 53, 5301-11 | | 26 |
| 18 | Orthokeratology vs. spectacles: adverse events and discontinuations. <i>Optometry and Vision Science</i> , 2012 , 89, 1133-9 | 2.1 | 37 |
| 17 | Peripheral refraction in myopic eyes after LASIK surgery. <i>Optometry and Vision Science</i> , 2012 , 89, 977-83 | 2.1 | 7 |
| 16 | Corneal transparency after cross-linking for keratoconus: 1-year follow-up. <i>Journal of Refractive Surgery</i> , 2012 , 28, 781-6 | 3.3 | 61 |
| 15 | Late-onset Candida keratitis after Descemet stripping automated endothelial keratoplasty: clinical and confocal microscopic report. <i>European Journal of Ophthalmology</i> , 2011 , 21, 498-502 | 1.9 | 33 |
| 14 | Short-term effects of overnight orthokeratology on corneal cell morphology and corneal thickness. <i>Cornea</i> , 2011 , 30, 646-54 | 3.1 | 49 |

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| 13 | Retinal straylight and light distortion phenomena in normal and post-LASIK eyes. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2011 , 249, 1561-6 | 3.8 | 16 |
| 12 | Peripheral myopization using a dominant design multifocal contact lens. <i>Journal of Optometry</i> , 2011 , 4, 14-21 | 2.6 | 36 |
| 11 | Long-term changes in corneal morphology induced by overnight orthokeratology. <i>Current Eye Research</i> , 2011 , 36, 895-904 | 2.9 | 48 |
| 10 | Anterior and posterior corneal elevation after orthokeratology and standard and customized LASIK surgery. <i>Eye and Contact Lens</i> , 2011 , 37, 354-8 | 3.2 | 19 |
| 9 | Peripheral refraction in myopic patients after orthokeratology. <i>Optometry and Vision Science</i> , 2010 , 87, 323-9 | 2.1 | 118 |
| 8 | Effect of pupil size on corneal aberrations before and after standard laser in situ keratomileusis, custom laser in situ keratomileusis, and corneal refractive therapy. <i>American Journal of Ophthalmology</i> , 2010 , 150, 97-109.e1 | 4.9 | 41 |
| 7 | Local steepening in peripheral corneal curvature after corneal refractive therapy and LASIK. <i>Optometry and Vision Science</i> , 2010 , 87, 432-9 | 2.1 | 35 |
| 6 | Myopia Control with Orthokeratology Contact Lenses in Spain (MCOS): Study Design and General Baseline Characteristics. <i>Journal of Optometry</i> , 2009 , 2, 215-222 | 2.6 | 14 |
| 5 | Short-term corneal response to corneal refractive therapy for different refractive targets. <i>Cornea</i> , 2009 , 28, 311-6 | 3.1 | 22 |
| 4 | Objective evaluation of the visual benefit in contact lens fitting after complicated LASIK. <i>Journal of Refractive Surgery</i> , 2009 , 25, 591-8 | 3.3 | 8 |
| 3 | Pilot study on the influence of corneal biomechanical properties over the short term in response to corneal refractive therapy for myopia. <i>Cornea</i> , 2008 , 27, 421-6 | 3.1 | 44 |
| 2 | Nomogram, corneal topography, and final prescription relations for corneal refractive therapy. <i>Optometry and Vision Science</i> , 2007 , 84, 59-64 | 2.1 | 26 |
| 1 | Asphericity of the anterior human cornea with different corneal diameters. <i>Journal of Cataract and Refractive Surgery</i> , 2007 , 33, 465-73 | 2.3 | 32 |