

Cesar C Villa-Collar

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,559
citations

201385

27
h-index

253896

43
g-index

98
all docs

98
docs citations

98
times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Myopia Control with Orthokeratology Contact Lenses in Spain: Refractive and Biometric Changes. , 2012, 53, 5060.		253
2	Keratoconus: An updated review. Contact Lens and Anterior Eye, 2022, 45, 101559.	0.8	176
3	Peripheral Refraction in Myopic Patients After Orthokeratology. Optometry and Vision Science, 2010, 87, 323-329.	0.6	154
4	MiSight Assessment Study Spain (MASS). A 2-year randomized clinical trial. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1011-1021.	1.0	109
5	Factors Preventing Myopia Progression with Orthokeratology Correction. Optometry and Vision Science, 2013, 90, 1225-1236.	0.6	89
6	Long-term Efficacy of Orthokeratology Contact Lens Wear in Controlling the Progression of Childhood Myopia. Current Eye Research, 2017, 42, 713-720.	0.7	77
7	Corneal Transparency After Cross-linking for Keratoconus: 1-Year Follow-up. Journal of Refractive Surgery, 2012, 28, 781-786.	1.1	75
8	Global trends in myopia management attitudes and strategies in clinical practice â€“ 2019 Update. Contact Lens and Anterior Eye, 2020, 43, 9-17.	0.8	66
9	Intraocular Pressure after Implantation of the Visian Implantable Collamer Lens With CentraFLOW Without Iridotomy. American Journal of Ophthalmology, 2013, 156, 800-805.e1.	1.7	63
10	Long-term Changes in Corneal Morphology Induced by Overnight Orthokeratology. Current Eye Research, 2011, 36, 895-904.	0.7	59
11	Myopia Control With Orthokeratology Contact Lenses in Spain. Eye and Contact Lens, 2013, 39, 153-157.	0.8	57
12	Pilot Study on the Influence of Corneal Biomechanical Properties Over the Short Term in Response to Corneal Refractive Therapy for Myopia. Cornea, 2008, 27, 421-426.	0.9	56
13	Short-term Effects of Overnight Orthokeratology on Corneal Cell Morphology and Corneal Thickness. Cornea, 2011, 30, 646-654.	0.9	55
14	Quality of Life of Myopic Subjects With Different Methods of Visual Correction Using the NEI RQL-42 Questionnaire. Eye and Contact Lens, 2012, 38, 116-121.	0.8	49
15	Tear film inflammatory mediators during continuous wear of contact lenses and corneal refractive therapy. British Journal of Ophthalmology, 2012, 96, 1092-1098.	2.1	48
16	Orthokeratology vs. Spectacles. Optometry and Vision Science, 2012, 89, 1133-1139.	0.6	47
17	Corneal cross-linking for Acanthamoeba keratitis in an orthokeratology patient after swimming in contaminated water. Contact Lens and Anterior Eye, 2014, 37, 224-227.	0.8	45
18	Asphericity of the anterior human cornea with different corneal diameters. Journal of Cataract and Refractive Surgery, 2007, 33, 465-473.	0.7	43

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19	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.	1.7	43
20	Peripheral myopization using a dominant design multifocal contact lens. <i>Journal of Optometry</i> , 2011, 4, 14-21.	0.7	41
21	Relative peripheral refraction across 4 meridians after orthokeratology and LASIK surgery. <i>Eye and Vision (London, England)</i> , 2018, 5, 12.	1.4	40
22	The Relationship Between Screen and Outdoor Time With Rates of Myopia in Spanish Children. <i>Frontiers in Public Health</i> , 2020, 8, 560378.	1.3	40
23	Local Steepening in Peripheral Corneal Curvature After Corneal Refractive Therapy and LASIK. <i>Optometry and Vision Science</i> , 2010, 87, 432-439.	0.6	39
24	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.	0.7	36
25	Impact of COVID-19 Home Confinement in Children's Refractive Errors. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5347.	1.2	36
26	Prevalence and Risk Factors of Myopia in Spain. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	0.6	34
27	Long-Term Changes in Corneal Structure and Tear Inflammatory Mediators after Orthokeratology and LASIK. , 2012, 53, 5301.		30
28	Anterior Segment Changes Produced in Response to Long-Term Overnight Orthokeratology. <i>Current Eye Research</i> , 2013, 38, 862-870.	0.7	28
29	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, S99-S104.	0.8	28
30	Nomogram, Corneal Topography, and Final Prescription Relations for Corneal Refractive Therapy. <i>Optometry and Vision Science</i> , 2007, 84, 59-64.	0.6	27
31	Peripheral refraction with dominant design multifocal contact lenses in young myopes. <i>Journal of Optometry</i> , 2013, 6, 85-94.	0.7	27
32	Anterior and Posterior Corneal Elevation After Orthokeratology and Standard and Customized LASIK Surgery. <i>Eye and Contact Lens</i> , 2011, 37, 354-358.	0.8	25
33	Binocular and accommodative function in the controlled randomized clinical trial MiSight® Assessment Study Spain (MASS). <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 207-215.	1.0	25
34	Short-Term Corneal Response to Corneal Refractive Therapy for Different Refractive Targets. <i>Cornea</i> , 2009, 28, 311-316.	0.9	23
35	Citation Network Analysis of the Novel Coronavirus Disease 2019 (COVID-19). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7690.	1.2	22
36	Short-Term Changes in Ocular Biometry and Refraction After Discontinuation of Long-Term Orthokeratology. <i>Eye and Contact Lens</i> , 2014, 40, 84-90.	0.8	21

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37	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.	1.0	21
38	Retinal straylight and light distortion phenomena in normal and post-LASIK eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1561-1566.	1.0	19
39	Short-Term Changes in Light Distortion in Orthokeratology Subjects. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	19
40	Refractive, biometric and corneal topographic parameter changes during 12-months of orthokeratology. <i>Australasian journal of optometry, The</i> , 2020, 103, 454-462.	0.6	19
41	Bibliometric Study of Scientific Research on Scleral Lenses. <i>Eye and Contact Lens</i> , 2018, 44, S285-S291.	0.8	18
42	Myopia Control with Orthokeratology Contact Lenses in Spain (MCOS): Study Design and General Baseline Characteristics. <i>Journal of Optometry</i> , 2009, 2, 215-222.	0.7	17
43	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.	0.8	17
44	Rebound Effect in the Misight Assessment Study Spain (Mass). <i>Current Eye Research</i> , 2021, 46, 1223-1226.	0.7	17
45	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.	0.8	16
46	The effects of entrance pupil centration and coma aberrations on myopic progression following orthokeratology. <i>Australasian journal of optometry, The</i> , 2015, 98, 534-540.	0.6	15
47	Visual Health and Academic Performance in School-Aged Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2346.	1.2	13
48	The Prevalence of Myopia in Children in Spain: An Updated Study in 2020. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12375.	1.2	13
49	Fitting success for three multifocal designs: Multicentre randomised trial. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 258-262.	0.8	12
50	A Bibliometric and Citation Network Analysis of Myopia Genetics. <i>Genes</i> , 2021, 12, 447.	1.0	12
51	MiSight Assessment Study Spain: Adverse Events, Tear Film Osmolarity, and Discontinuations. <i>Eye and Contact Lens</i> , 2018, 44, S180-S186.	0.8	11
52	Comparison of visual outcomes and flap morphology using 2 femtosecond-laser platforms. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 78-84.	0.7	11
53	Comparison Between Viscous Teardrops and Saline Solution to Fill Orthokeratology Contact Lenses Before Overnight Wear. <i>Eye and Contact Lens</i> , 2018, 44, S307-S311.	0.8	11
54	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.	0.8	11

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55	Peripheral Refraction in Myopic Eyes After LASIK Surgery. <i>Optometry and Vision Science</i> , 2012, 89, 977-983.	0.6	10
56	Bibliometric Study of Scientific Research on Overnight Orthokeratology. <i>Eye and Contact Lens</i> , 2018, 44, 344-349.	0.8	10
57	Epithelium-Off vs. transepithelial corneal collagen crosslinking in progressive keratoconus: 3 years of follow-up. <i>Journal of Optometry</i> , 2021, 14, 189-198.	0.7	10
58	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.	0.7	9
59	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, 5352.	1.2	9
60	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.	0.7	8
61	Which soft lens power is better for piggyback in keratoconus? Part II. <i>Contact Lens and Anterior Eye</i> , 2015, 38, 48-53.	0.8	8
62	Application of 3D Printing Technology in Scleral Cover Shell Prosthesis. <i>Journal of Medical Systems</i> , 2019, 43, 149.	2.2	8
63	Multifocal contact lenses: A bibliometric study. <i>Journal of Optometry</i> , 2022, 15, 53-59.	0.7	8
64	Impact of COVID-19 at the Ocular Level: A Citation Network Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 1340.	1.0	8
65	Objective Evaluation of the Visual Benefit in Contact Lens Fitting After Complicated LASIK. <i>Journal of Refractive Surgery</i> , 2009, 25, 591-598.	1.1	8
66	Strategies and attitudes on the management of myopia in clinical practice in Spain. <i>Journal of Optometry</i> , 2023, 16, 64-73.	0.7	8
67	Overnight Orthokeratology: Technology, Efficiency, Safety, and Myopia Control. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-2.	0.6	7
68	Predicting factors for progression of the myopia in the MiSight assessment study Spain (MASS). <i>Journal of Optometry</i> , 2022, 15, 78-87.	0.7	7
69	Social Media Impact of Myopia Research. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7270.	1.2	7
70	Long-term changes in straylight induced by corneal refractive therapy: A pilot study. <i>Contact Lens and Anterior Eye</i> , 2014, 37, 144-148.	0.8	6
71	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.	0.7	6
72	Analysis of corneal stromal roughness after iFS 150 kHz and LenSx femtosecond LASIK flap creation in porcine eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 2665-2670.	1.0	6

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73	Description of the epidemiological characteristics of work-related eye injuries in Spain: a retrospective study. <i>BMJ Open</i> , 2020, 10, e035696.	0.8	6
74	Changes in the Choroidal Thickness of Children Wearing MiSight to Control Myopia. <i>Journal of Clinical Medicine</i> , 2022, 11, 3833.	1.0	6
75	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.	0.8	5
76	Influence of Cytokines on Inflammatory Eye Diseases: A Citation Network Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 661.	1.0	5
77	Ocular and corneal aberrations changes in controlled randomized clinical trial MiSight® Assessment Study Spain (MASS). <i>BMC Ophthalmology</i> , 2021, 21, 112.	0.6	4
78	Nd:YAG laser vitreolysis and health-related quality of life in patients with symptomatic vitreous floaters. <i>European Journal of Ophthalmology</i> , 2022, 32, 1143-1148.	0.7	4
79	Dry Eye Analysis: A Citation Network Study. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-9.	0.6	3
80	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.	0.7	3
81	Long-term effect of contact lens wear: A citation network study. <i>Contact Lens and Anterior Eye</i> , 2021, , 101527.	0.8	3
82	Influence of Vision on Drivers: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12116.	1.2	3
83	Milestones in the development of Spanish optometry. <i>Journal of Optometry</i> , 2018, 11, 133-134.	0.7	2
84	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, 4454.	1.2	2
85	<i>Journal of Optometry</i> ranks high in Emerging Sources Citation Index (ESCI). <i>Journal of Optometry</i> , 2021, 14, 297-298.	0.7	2
86	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.	0.7	2
87	Corneal morphology and visual outcomes in LASIK patients after orthokeratology: A pilot study. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 507-512.	0.8	1
88	From evidence to fake news. <i>Journal of Optometry</i> , 2021, 14, 100-101.	0.7	1
89	Visual acuity percentile curves in a Spanish paediatric population. <i>Journal of Optometry</i> , 2022, 15, 69-77.	0.7	1
90	The Influence of Genetics in Myopia Control: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 808.	1.0	1

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91	Influence of Vision on Educational Performance: A Multivariate Analysis. Sustainability, 2021, 13, 4187.	1.6	1
92	Description of Main Predictors for Taking Sick Leave Associated with Work-Related Eye Injuries in Spain. International Journal of Environmental Research and Public Health, 2021, 18, 5157.	1.2	1
93	Corneal stromal roughness after VisuMax and Intralase femtosecond laser photodisruption: An atomic force microscopy study. PLoS ONE, 2021, 16, e0252449.	1.1	1
94	Opportunities and threats to contact lens practice in Spain. Journal of Optometry, 2023, 16, 116-127.	0.7	1
95	Current State and Future Trends: A Citation Network Analysis of the Orthokeratology Field. Journal of Ophthalmology, 2019, 2019, 1-6.	0.6	0
96	Changing times for Journal of Optometry. Journal of Optometry, 2021, 14, 1.	0.7	0
97	Percentile curves of stereacuity in a Spanish paediatric population. Journal of Optometry, 2021, , .	0.7	0