

Cesar C Villa-Collar

List of Publications by Citations

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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	Myopia control with orthokeratology contact lenses in Spain: refractive and biometric changes 2012 , 53, 5060-5		190
83	Peripheral refraction in myopic patients after orthokeratology. <i>Optometry and Vision Science</i> , 2010 , 87, 323-9	2.1	118
82	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
81	Corneal transparency after cross-linking for keratoconus: 1-year follow-up. <i>Journal of Refractive Surgery</i> , 2012 , 28, 781-6	3.3	61
80	Factors preventing myopia progression with orthokeratology correction. <i>Optometry and Vision Science</i> , 2013 , 90, 1225-36	2.1	58
79	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
78	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
77	Short-term effects of overnight orthokeratology on corneal cell morphology and corneal thickness. <i>Cornea</i> , 2011 , 30, 646-54	3.1	49
76	Long-term changes in corneal morphology induced by overnight orthokeratology. <i>Current Eye Research</i> , 2011 , 36, 895-904	2.9	48
75	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
74	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
73	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
72	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
71	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
70	Orthokeratology vs. spectacles: adverse events and discontinuations. <i>Optometry and Vision Science</i> , 2012 , 89, 1133-9	2.1	37
69	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
68	Peripheral myopization using a dominant design multifocal contact lens. <i>Journal of Optometry</i> , 2011 , 4, 14-21	2.6	36

67	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
66	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
65	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
64	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
63	Relative peripheral refraction across 4 meridians after orthokeratology and LASIK surgery. <i>Eye and Vision (London, England)</i> , 2018 , 5, 12	4.9	27
62	Long-term changes in corneal structure and tear inflammatory mediators after orthokeratology and LASIK 2012 , 53, 5301-11		26
61	Nomogram, corneal topography, and final prescription relations for corneal refractive therapy. <i>Optometry and Vision Science</i> , 2007 , 84, 59-64	2.1	26
60	Peripheral refraction with dominant design multifocal contact lenses in young myopes. <i>Journal of Optometry</i> , 2013 , 6, 85-94	2.6	24
59	Anterior segment changes produced in response to long-term overnight orthokeratology. <i>Current Eye Research</i> , 2013 , 38, 862-70	2.9	22
58	Short-term corneal response to corneal refractive therapy for different refractive targets. <i>Cornea</i> , 2009 , 28, 311-6	3.1	22
57	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
56	Prevalence and Risk Factors of Myopia in Spain. <i>Journal of Ophthalmology</i> , 2019 , 2019, 3419576	2	17
55	Short-term changes in light distortion in orthokeratology subjects. <i>BioMed Research International</i> , 2015 , 2015, 278425	3	17
54	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
53	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
52	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
51	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
50	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

49	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
48	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	3.8	13
47	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
46	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
45	Fitting success for three multifocal designs: Multicentre randomised trial. <i>Contact Lens and Anterior Eye</i> , 2018 , 41, 258-262	4.1	10
44	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
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	4.1	10
42	Bibliometric Study of Scientific Research on Scleral Lenses. <i>Eye and Contact Lens</i> , 2018 , 44 Suppl 2, S285-S291	3.291	9
41	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
40	Keratoconus: An updated review.. <i>Contact Lens and Anterior Eye</i> , 2022 , 101559	4.1	9
39	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
38	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
37	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
36	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
35	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
34	Peripheral refraction in myopic eyes after LASIK surgery. <i>Optometry and Vision Science</i> , 2012 , 89, 977-83	2.1	7
33	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
32	Rebound Effect in the Misight Assessment Study Spain (Mass). <i>Current Eye Research</i> , 2021 , 46, 1223-1226	6.9	7

31	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
30	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
29	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
28	Application of 3D Printing Technology in Scleral Cover Shell Prosthesis. <i>Journal of Medical Systems</i> , 2019 , 43, 149	5.1	5
27	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
26	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
25	Bibliometric Study of Scientific Research on Overnight Orthokeratology. <i>Eye and Contact Lens</i> , 2018 , 44, 344-349	3.2	5
24	Visual Health and Academic Performance in School-Aged Children. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
23	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
22	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
21	Multifocal contact lenses: A bibliometric study. <i>Journal of Optometry</i> , 2020 ,	2.6	3
20	A Bibliometric and Citation Network Analysis of Myopia Genetics. <i>Genes</i> , 2021 , 12,	4.2	3
19	Impact of COVID-19 at the Ocular Level: A Citation Network Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
18	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
17	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
16	Description of the epidemiological characteristics of work-related eye injuries in Spain: a retrospective study. <i>BMJ Open</i> , 2020 , 10, e035696	3	2
15	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
14	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

13	Dry Eye Analysis: A Citation Network Study. <i>Journal of Ophthalmology</i> , 2019 , 2019, 3048740	2	1
12	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
11	Milestones in the development of Spanish optometry. <i>Journal of Optometry</i> , 2018 , 11, 133-134	2.6	1
10	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
9	From evidence to fake news. <i>Journal of Optometry</i> , 2021 , 14, 100-101	2.6	1
8	The Influence of Genetics in Myopia Control: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
7	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
6	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
5	Long-term effect of contact lens wear: A citation network study. <i>Contact Lens and Anterior Eye</i> , 2021 , 101527	4.1	0
4	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
3	Influence of Vision on Educational Performance: A Multivariate Analysis. <i>Sustainability</i> , 2021 , 13, 4187	3.6	0
2	Current State and Future Trends: A Citation Network Analysis of the Orthokeratology Field. <i>Journal of Ophthalmology</i> , 2019 , 2019, 6964043	2	
1	Corneal stromal roughness after VisuMax and Intralase femtosecond laser photodisruption: An atomic force microscopy study. <i>PLoS ONE</i> , 2021 , 16, e0252449	3.7	