

Raul Martin Herranz

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,150
citations

430874

18
h-index

454955

30
g-index

70
all docs

70
docs citations

70
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	The parameters of the porcine eyeball. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 475-482.	1.9	210
2	Corneal assessment technologies: Current status. Survey of Ophthalmology, 2014, 59, 599-614.	4.0	80
3	Non-invasive intraocular pressure monitoring with a contact lens engineered with a nanostructured polymeric sensing film. Sensors and Actuators A: Physical, 2011, 170, 36-43.	4.1	48
4	Measurement of Corneal Swelling Variations without Removal of the Contact Lens during Extended Wear. , 2007, 48, 3043.		46
5	Prototype of a Nanostructured Sensing Contact Lens for Noninvasive Intraocular Pressure Monitoring. , 2011, 52, 8310.		39
6	Advantages, limitations, and diagnostic accuracy of photoscreeners in early detection of Amblyopia: a review. Clinical Ophthalmology, 2016, Volume 10, 1365-1373.	1.8	37
7	Cornea and anterior eye assessment with slit lamp biomicroscopy, specular microscopy, confocal microscopy, and ultrasound biomicroscopy. Indian Journal of Ophthalmology, 2018, 66, 195.	1.1	37
8	Corneal conjunctivalisation in longâ€standing contact lens wearers. Australasian journal of optometry, The, 2007, 90, 26-30.	1.3	36
9	The influence of the refractive correction on the vision-related quality of life in keratoconus patients. Quality of Life Research, 2016, 25, 1043-1051.	3.1	31
10	Refractive Stabilization and Corneal Swelling After Cataract Surgery. Optometry and Vision Science, 2013, 90, 31-36.	1.2	29
11	Relationships between central and peripheral corneal thickness in different degrees of myopia. Journal of Optometry, 2014, 7, 44-50.	1.3	29
12	Cornea and anterior eye assessment with placido-disc keratometry, slit scanning evaluation topography and scheinplflug imaging tomography. Indian Journal of Ophthalmology, 2018, 66, 360.	1.1	28
13	Ocular complications of soft contact lens wearers in a tertiary eye care centre of Nepal. Contact Lens and Anterior Eye, 2013, 36, 113-117.	1.7	25
14	Repeatability of Placido-Based Corneal Topography in Keratoconus. Optometry and Vision Science, 2014, 91, 1467-1473.	1.2	23
15	Contact Lens-Induced Corneal Peripheral Swelling Differences With Extended Wear. Cornea, 2008, 27, 976-979.	1.7	21
16	Anterior segment optical coherence tomography for evaluation of cornea and ocular surface. Indian Journal of Ophthalmology, 2018, 66, 367.	1.1	21
17	Reverse Geometry Contact Lens Fitting After Corneal Refractive Surgery. Journal of Refractive Surgery, 2005, 21, 753-756.	2.3	20
18	Repeatability of Wavefront Aberration Measurements With a Placido-Based Topographer in Normal and Keratoconic Eyes. Journal of Refractive Surgery, 2016, 32, 338-344.	2.3	20

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19	Contact Lens-Induced Corneal Peripheral Swelling: Orbscan Repeatability. <i>Optometry and Vision Science</i> , 2009, 86, 340-349.	1.2	19
20	White-to-white corneal diameter differences in moderately and highly myopic eyes: Partial coherence interferometry versus scanning-slit topography. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 585-589.	1.5	19
21	Current optometric practices and attitudes in keratoconus patient management. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 253-259.	1.7	17
22	Myopia onset and role of peripheral refraction. <i>Clinical Optometry</i> , 2017, Volume 9, 105-111.	1.2	17
23	Advances in diagnostic applications for monitoring intraocular pressure in Glaucoma: A review. <i>Journal of Optometry</i> , 2019, 12, 211-221.	1.3	17
24	Classification of Keratoconus Based on Anterior Corneal High-order Aberrations: A Cross-validation Study. <i>Optometry and Vision Science</i> , 2020, 97, 169-177.	1.2	17
25	Differences in the Daily Symptoms Associated With the Silicone Hydrogel Contact Lens Wear. <i>Eye and Contact Lens</i> , 2010, 36, 49-53.	1.6	16
26	New web-based algorithm to improve rigid gas permeable contact lens fitting in keratoconus. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 143-150.	1.7	15
27	Stability of posterior corneal elevation one year after myopic laser in situ keratomileusis. <i>Australasian journal of optometry</i> , The, 2012, 95, 177-186.	1.3	14
28	Repeatability of Pentacam peripheral corneal thickness measurements. <i>Contact Lens and Anterior Eye</i> , 2015, 38, 424-429.	1.7	14
29	Investigation of posterior corneal curvature in CL-induced corneal swelling. <i>Contact Lens and Anterior Eye</i> , 2009, 32, 288-293.	1.7	13
30	Rigid Gas Permeable Contact Lens Fitting Using New Software in Keratoconic Eyes. <i>Optometry and Vision Science</i> , 2016, 93, 286-292.	1.2	11
31	Repeatability and agreement of ARK® autorefractometry after cataract surgery. <i>Clinical and Experimental Ophthalmology</i> , 2012, 40, 134-140.	2.6	10
32	Optical quality and intraocular scattering assessed with a double-pass system in eyes with contact lens induced corneal swelling. <i>Contact Lens and Anterior Eye</i> , 2014, 37, 278-284.	1.7	10
33	Common symptoms of Nepalese soft contact lens wearers: A pilot study. <i>Journal of Optometry</i> , 2015, 8, 200-205.	1.3	10
34	Development of a new algorithm based on FDT Matrix perimetry and SD-OCT to improve early glaucoma detection in primary care. <i>Clinical Ophthalmology</i> , 2018, Volume 13, 33-42.	1.8	10
35	COVID-19: ensuring safe clinical teaching at university optometry schools. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 144-156.	2.0	10
36	Constancy of the Orbscan acoustic factor to detect contact lens-induced corneal swelling. <i>Australasian journal of optometry</i> , The, 2011, 94, 352-360.	1.3	8

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37	Agreement of corneal measurements between dual rotating Scheimpflugâ€“Placido system and Placido-based topography device in normal and keratoconus eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 1198-1206.	1.5	8
38	Relationship between Corneal Thickness and Radius to Body Height. <i>Optometry and Vision Science</i> , 2017, 94, 380-386.	1.2	8
39	Intrasession Repeatability and Intersession Reproducibility Measurements Using VX120 Multidiagnostic Unit. <i>Eye and Contact Lens</i> , 2018, 44, S266-S272.	1.6	8
40	Repeatability and agreement of intraocular pressure measurement among three tonometers. <i>Australasian journal of optometry, The</i> , 2020, 103, 808-812.	1.3	8
41	Peripheral nasalâ€“temporal corneal asymmetry in relation to corneal thickness: a Scheimpflug imaging study. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 45-51.	2.0	7
42	Success of Rigid Gas Permeable Contact Lens Fitting. <i>Eye and Contact Lens</i> , 2017, 43, 168-173.	1.6	7
43	Initial comfort of lotrafilcon A silicone hydrogel contact lenses versus etafilcon A contact lenses for extended wear. <i>Contact Lens and Anterior Eye</i> , 2007, 30, 23-28.	1.7	6
44	Clinical guidelines for the management of keratoconus patients with gas permeable contact lenses based on expert consensus and available evidence. <i>Current Opinion in Ophthalmology</i> , 2021, 32, S1-S11.	2.9	6
45	Comparison of physiognomy and frame angle parameters using different devices to prescribe progressive addition lenses. <i>Australasian journal of optometry, The</i> , 2022, 105, 420-427.	1.3	6
46	Reverse geometry contact lens fitting in corneal scar caused by perforating corneal injuries. <i>Contact Lens and Anterior Eye</i> , 2007, 30, 67-70.	1.7	5
47	Comparison of the number of visits and diagnostic lenses required to fit RGP, conventional hydrogel and silicone hydrogel contact lenses. <i>Journal of Optometry</i> , 2010, 3, 169-174.	1.3	5
48	Analysis of cataract surgery induced astigmatism: Two polar methods comparison. <i>Journal of Optometry</i> , 2017, 10, 252-257.	1.3	5
49	Repeatability of ARK-30 in a pediatric population. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 1262.	1.1	5
50	Keratoconus With High Hyperopia. <i>Eye and Contact Lens</i> , 2009, 35, 159-162.	1.6	4
51	Ocular tolerance of a new multipurpose solution specifically formulated for daily wear of silicone hydrogel contact lenses. <i>Contact Lens and Anterior Eye</i> , 2011, 34, 17-21.	1.7	4
52	Repeatability and reproducibility of Orbscan II. <i>Optometry Reports</i> , 2012, 2, 1.	0.2	3
53	Clinical Characterization of Asymptomatic or Minimally Symptomatic Young Patients Showing Signs Compatible With Dry Eye. <i>Eye and Contact Lens</i> , 2015, 41, 171-176.	1.6	3
54	A Delphi study to identify and assess professional competencies in the education of optometrists. <i>Journal of Optometry</i> , 2023, 16, 151-166.	1.3	3

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55	Reverse geometry contact lens fitting after corneal refractive surgery. <i>Journal of Refractive Surgery</i> , 2005, 21, 753-6.	2.3	3
56	Optometric practices and attitudes in keratoconus patient management in Latin America. <i>Australasian journal of optometry, The</i> , 2023, 106, 386-394.	1.3	3
57	Corneal conjunctivalization management with high Dk RGP contact lenses. <i>Contact Lens and Anterior Eye</i> , 2009, 32, 147-150.	1.7	2
58	Hybrid contact lens capable of intraocular pressure monitoring in noninvasive way. , 2013, , .		2
59	OCT Variability Prevents Their Use as Robust Biomarkers in Multiple Sclerosis. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 2025-2036.	1.8	2
60	Gas permeable contact lens fitting in keratoconus: Comparison of different guidelines to back optic zone radius calculations. <i>Indian Journal of Ophthalmology</i> , 2019, 67, 1410.	1.1	2
61	Interdevice agreement in the measurement of physiognomy parameters and frame angles to prescribe progressive addition lenses. <i>Australasian journal of optometry, The</i> , 2023, 106, 69-74.	1.3	2
62	Bitoric rigid gas permeable contact lens fitting for the management of a corneal scar caused by herpes zoster ophthalmicus. <i>Australasian journal of optometry, The</i> , 2012, 95, 229-232.	1.3	1
63	Discrete Portable Measuring Device for Monitoring Noninvasive Intraocular Pressure with a Nano-Structured Sensing Contact Lens Prototype. <i>International Journal of E-Health and Medical Communications</i> , 2011, 2, 1-19.	1.6	1
64	Inter-examiner agreement of the AS-OCT Visante corneal thickness. <i>Journal of Optometry</i> , 2011, 4, 95-102.	1.3	0
65	Anesthesia considerations in experimental vitreo retinal surgery in porcine eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 407-408.	1.9	0
66	In The News/New Products. <i>Optometry and Vision Science</i> , 2013, 90, e127-e133.	1.2	0
67	Â. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 632-632.	2.0	0
68	Regular soft contact lens wearersâ€™ comprehension of graphical symbols labelled on multipurpose solutions. <i>Australasian journal of optometry, The</i> , 2021, , 1-6.	1.3	0
69	Discrete Portable Measuring Device for Monitoring Noninvasive Intraocular Pressure with a Nano-Structured Sensing Contact Lens Prototype. , 0, , 214-229.		0