

# Raimundo JimÃ©nez

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

993  
citations

567144

15  
h-index

552653

26  
g-index

84  
all docs

84  
docs citations

84  
times ranked

660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical normal values of visual parameters that characterize binocular function in children. <i>Ophthalmic and Physiological Optics</i> , 2004, 24, 528-542.	1.0	91
2	Interocular Differences in Higher-Order Aberrations on Binocular Visual Performance. <i>Optometry and Vision Science</i> , 2008, 85, 174-179.	0.6	46
3	Evolution of accommodative function and development of ocular movements in children. <i>Ophthalmic and Physiological Optics</i> , 2003, 23, 97-107.	1.0	45
4	Impact of interocular differences in corneal asphericity on binocular summation. <i>American Journal of Ophthalmology</i> , 2003, 135, 279-284.	1.7	39
5	Fitness Level Modulates Intraocular Pressure Responses to Strength Exercises. <i>Current Eye Research</i> , 2018, 43, 740-746.	0.7	34
6	Driving time modulates accommodative response and intraocular pressure. <i>Physiology and Behavior</i> , 2016, 164, 47-53.	1.0	33
7	The acute effect of strength exercises at different intensities on intraocular pressure. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 2211-2217.	1.0	33
8	Optical Image Quality and Visual Performance for Patients With Keratitis. <i>Cornea</i> , 2009, 28, 783-788.	0.9	32
9	Contact lenses vs spectacles in myopes: is there any difference in accommodative and binocular function?. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 925-935.	1.0	28
10	Effect of examination stress on intraocular pressure in university students. <i>Applied Ergonomics</i> , 2018, 67, 252-258.	1.7	27
11	Effect of the level of effort during resistance training on intraocular pressure. <i>European Journal of Sport Science</i> , 2019, 19, 394-401.	1.4	27
12	Intraocular pressure is sensitive to cumulative and instantaneous mental workload. <i>Applied Ergonomics</i> , 2017, 60, 313-319.	1.7	25
13	Effects of caffeine on intraocular pressure are subject to tolerance: a comparative study between low and high caffeine consumers. <i>Psychopharmacology</i> , 2019, 236, 811-819.	1.5	25
14	Intraocular Pressure Responses to Maximal Cycling Sprints Against Different Resistances: The Influence of Fitness Level. <i>Journal of Glaucoma</i> , 2017, 26, 881-887.	0.8	19
15	Prevalence of Refractive Errors in Children in Equatorial Guinea. <i>Optometry and Vision Science</i> , 2015, 92, 53-58.	0.6	17
16	Short-term effects of text-background color combinations on the dynamics of the accommodative response. <i>Vision Research</i> , 2020, 166, 33-42.	0.7	17
17	Attention-deficit/hyperactivity disorder children exhibit an impaired accommodative response. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1023-1030.	1.0	16
18	Investigating the Immediate and Cumulative Effects of Isometric Squat Exercise for Different Weight Loads on Intraocular Pressure: A Pilot Study. <i>Sports Health</i> , 2019, 11, 247-253.	1.3	16

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19	Visual function, performance, and processing of basketball players vs. sedentary individuals. <i>Journal of Sport and Health Science</i> , 2020, 9, 587-594.	3.3	16
20	Better brain connectivity is associated with higher total fat mass and lower visceral adipose tissue in military pilots. <i>Scientific Reports</i> , 2020, 10, 610.	1.6	16
21	Simultaneous Physical and Mental Effort Alters Visual Function. <i>Optometry and Vision Science</i> , 2017, 94, 797-806.	0.6	14
22	Associations between accommodative dynamics, heart rate variability and behavioural performance during sustained attention: A test-retest study. <i>Vision Research</i> , 2019, 163, 24-32.	0.7	14
23	Influence of the breathing pattern during resistance training on intraocular pressure. <i>European Journal of Sport Science</i> , 2020, 20, 157-165.	1.4	14
24	Effect of a maximal treadmill test on intraocular pressure and ocular perfusion pressure: The mediating role of fitness level. <i>European Journal of Ophthalmology</i> , 2020, 30, 506-512.	0.7	13
25	Short-term effects of caffeine intake on anterior chamber angle and intraocular pressure in low caffeine consumers. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 613-619.	1.0	13
26	Optical quality and visual performance after cataract surgery with biaxial microincision intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 1022-1028.	0.7	12
27	Effects of a blue-blocking screen filter on accommodative accuracy and visual discomfort. <i>Ophthalmic and Physiological Optics</i> , 2020, 40, 790-800.	1.0	12
28	Ametropias in School-Age Children in Fada N'Gourma (Burkina Faso, Africa). <i>Optometry and Vision Science</i> , 2012, 89, 33-37.	0.6	11
29	A maximal incremental effort alters tear osmolarity depending on the fitness level in military helicopter pilots. <i>Ocular Surface</i> , 2017, 15, 795-801.	2.2	11
30	Acute intraocular pressure changes during isometric exercise and recovery: The influence of exercise type and intensity, and participant's sex. <i>Journal of Sports Sciences</i> , 2019, 37, 2213-2219.	1.0	11
31	Basketball free-throws performance depends on the integrity of binocular vision. <i>European Journal of Sport Science</i> , 2020, 20, 407-414.	1.4	11
32	Optical Quality and Vision with Iris-Coloring Soft Contact Lenses. <i>Optometry and Vision Science</i> , 2014, 91, 564-569.	0.6	10
33	Acute Intraocular Pressure Responses to Reading: The Influence of Body Position. <i>Journal of Glaucoma</i> , 2020, 29, 581-586.	0.8	10
34	Intraocular pressure responses to walking with surgical and FFP2/N95 face masks in primary open-angle glaucoma patients. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2373-2378.	1.0	10
35	Prevalence of Refractive Errors in School-Age Children in Burkina Faso. <i>Japanese Journal of Ophthalmology</i> , 2006, 50, 483-484.	0.9	9
36	Acute intraocular pressure responses to high-intensity interval-training protocols in men and women. <i>Journal of Sports Sciences</i> , 2019, 37, 803-809.	1.0	9

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37	Wearing Swimming Goggles Reduces Central Corneal Thickness and Anterior Chamber Angle, and Increases Intraocular Pressure. <i>Current Eye Research</i> , 2020, 45, 535-541.	0.7	9
38	Impact of resistance training sets performed until muscular failure with different loads on intraocular pressure and ocular perfusion pressure. <i>European Journal of Ophthalmology</i> , 2020, 30, 1342-1348.	0.7	9
39	The intraocular pressure response to lower-body and upper-body isometric exercises is affected by the breathing pattern. <i>European Journal of Sport Science</i> , 2021, 21, 879-886.	1.4	9
40	The short-term effects of artificially-impaired binocular vision on driving performance. <i>Ergonomics</i> , 2021, 64, 212-224.	1.1	9
41	Acute Effects of Caffeine on Dynamic Accommodative Response and Pupil Size: A Placebo-controlled, Double-blind, Balanced Crossover Study. <i>Current Eye Research</i> , 2020, 45, 1074-1081.	0.7	9
42	Intraocular Pressure Responses to Four Different Isometric Exercises in Men and Women. <i>Optometry and Vision Science</i> , 2020, 97, 648-653.	0.6	8
43	Muscular Strength Is Associated with Higher Intraocular Pressure in Physically Active Males. <i>Optometry and Vision Science</i> , 2018, 95, 143-149.	0.6	7
44	Validation of an Objective Method for the Qualitative and Quantitative Assessment of Binocular Accommodative Facility. <i>Current Eye Research</i> , 2020, 45, 636-644.	0.7	7
45	Accommodative dynamics and attention: the influence of manipulating attentional capacity on accommodative lag and variability. <i>Ophthalmic and Physiological Optics</i> , 2020, 40, 510-518.	1.0	7
46	Children with Attention-deficit/Hyperactivity Disorder Show an Altered Eye Movement Pattern during Reading. <i>Optometry and Vision Science</i> , 2020, 97, 265-274.	0.6	7
47	Effect of a Short-term Cycle Ergometer Sprint Training Against Heavy and Light Resistances on Intraocular Pressure Responses. <i>Journal of Glaucoma</i> , 2018, 27, 315-321.	0.8	6
48	Measuring mental workload: ocular astigmatism aberration as a novel objective index. <i>Ergonomics</i> , 2018, 61, 506-516.	1.1	6
49	Caffeine alters the dynamics of ocular accommodation depending on the habitual caffeine intake. <i>Experimental Eye Research</i> , 2019, 185, 107663.	1.2	6
50	Intraocular pressure increases during dynamic resistance training exercises according to the exercise phase in healthy young adults. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1795-1801.	1.0	6
51	Accommodative response in children with attention deficit hyperactivity disorder (ADHD): the influence of accommodation stimulus and medication. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1299-1307.	1.0	6
52	The intraocular pressure responses to oral academic examination: The influence of perceived levels of public speaking anxiety. <i>Applied Ergonomics</i> , 2020, 88, 103158.	1.7	6
53	A test-retest assessment of the effects of mental load on ratings of affect, arousal and perceived exertion during submaximal cycling. <i>Journal of Sports Sciences</i> , 2018, 36, 2521-2530.	1.0	5
54	Intraocular pressure increases after complex simulated surgical procedures in residents: an experimental study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 216-224.	1.3	5

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55	Influence of holding weights of different magnitudes on intraocular pressure and anterior eye biometrics. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 2233-2238.	1.0	5
56	Visual Perceptual Skills in Attention-deficit/Hyperactivity Disorder Children: The Mediating Role of Comorbidities. <i>Optometry and Vision Science</i> , 2019, 96, 655-663.	0.6	5
57	Accommodation and pupil dynamics as potential objective predictors of behavioural performance in children with attention-deficit/hyperactivity disorder. <i>Vision Research</i> , 2020, 175, 32-40.	0.7	5
58	Effects of caffeine consumption on intraocular pressure during low-intensity endurance exercise: A placebo-controlled, double-blind, balanced crossover study. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 602-609.	1.3	5
59	Blue-blocking filters do not alleviate signs and symptoms of digital eye strain. <i>Australasian journal of optometry, The</i> , 2022, , 1-6.	0.6	5
60	Baseline Intraocular Pressure Is Associated With Subjective Sensitivity to Physical Exertion in Young Males. <i>Research Quarterly for Exercise and Sport</i> , 2018, 89, 25-37.	0.8	4
61	Effects of Optical Correction Method on the Magnitude and Variability of Accommodative Response: A Test-retest Study. <i>Optometry and Vision Science</i> , 2019, 96, 568-578.	0.6	4
62	Ocular Accommodative Response is Modulated as a Function of Physical Exercise Intensity. <i>Current Eye Research</i> , 2019, 44, 442-450.	0.7	4
63	Determinant Factors of Intraocular Pressure Responses to a Maximal Isometric Handgrip Test: Hand Dominance, Handgrip Strength and Sex. <i>Current Eye Research</i> , 2021, 46, 64-70.	0.7	4
64	Effects of caffeine ingestion on dynamic visual acuity: a placebo-controlled, double-blind, balanced-crossover study in low caffeine consumers. <i>Psychopharmacology</i> , 2021, 238, 3391-3398.	1.5	4
65	Effects of wearing swimming goggles on non-invasive tear break-up time in a laboratory setting. <i>Journal of Optometry</i> , 2022, 15, 154-159.	0.7	4
66	Changes in accommodation and behavioural performance with a contact lens for myopia management: A comparison between a dual-focus and a single-vision soft contact lens. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 753-761.	1.0	4
67	Capturing attention improves accommodation: An experimental study in children with ADHD using multiple object tracking. <i>Vision Research</i> , 2021, 186, 52-58.	0.7	3
68	Less is more: optimal recording time for measuring the steady-state accommodative response. <i>Australasian journal of optometry, The</i> , 2023, 106, 20-28.	0.6	3
69	Effect of wearing different types of face masks during dynamic and isometric resistance training on intraocular pressure. <i>Australasian journal of optometry, The</i> , 2023, 106, 503-508.	0.6	3
70	Dynamics of the accommodative response under artificially-induced aniseikonia. <i>Experimental Eye Research</i> , 2019, 185, 107674.	1.2	2
71	Effects of caffeine intake on the biomechanical properties of the cornea: a placebo-controlled, double-blind, crossover pilot study in low caffeine consumers. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 2449-2458.	1.0	2
72	Effects of Blood Flow Restriction at Different Intensities on IOP and Ocular Perfusion Pressure. <i>Optometry and Vision Science</i> , 2020, 97, 293-299.	0.6	2

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73	Effects of Wearing the Elevation Training Mask During Low-intensity Cycling Exercise on Intraocular Pressure. <i>Journal of Glaucoma</i> , 2021, 30, e193-e197.	0.8	2
74	Effects of water drinking on corneal biomechanics: The association with intraocular pressure changes. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 1222.	0.5	2
75	Percepción de los maestros sobre las deficiencias visuales y su incidencia escolar. <i>Revista Complutense De Educacion</i> , 2016, 27, 395-419.	0.3	1
76	Intraocular Pressure as an Indicator of the Level of Induced Anxiety in Basketball. <i>Optometry and Vision Science</i> , 2019, 96, 164-171.	0.6	1
77	Dynamics of the accommodative response and facility with dual-focus soft contact lenses for myopia control. <i>Contact Lens and Anterior Eye</i> , 2021, , 101526.	0.8	1
78	Examining the Validity of a New Method for the Objective Assessment of Binocular Accommodative Facility (2Q-AF Test): A Comparison with $\pm 2.00$ DS Lens Flippers. <i>Current Eye Research</i> , 2021, , 1-7.	0.7	1
79	The short-term effects of wearing swimming goggles on corneal biomechanics. <i>International Ophthalmology</i> , 2022, 42, 2773-2784.	0.6	1
80	The intraocular pressure lowering-effect of low-intensity aerobic exercise is greater in fitter individuals: a cluster analysis. <i>Research in Sports Medicine</i> , 2024, 32, 86-97.	0.7	1
81	Response to Letter to the Editor: Acute Intraocular Pressure Responses to Reading: The Influence of Body Position. <i>Journal of Glaucoma</i> , 2021, 30, e274-e275.	0.8	0
82	Short-term effects of caffeine intake on binocular accommodative facility: a quantitative and qualitative analysis. <i>Australasian journal of optometry</i> , The, 2021, , 1-5.	0.6	0
83	Immediate and cumulative effects of upper-body isometric exercise on the cornea and anterior segment of the human eye. <i>PeerJ</i> , 2022, 10, e13160.	0.9	0