

Raimundo Jimnez

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.

82
papers

683
citations

14
h-index

21
g-index

84
ext. papers

850
ext. citations

3
avg, IF

4.5
L-index

#	Paper	IF	Citations
82	Statistical normal values of visual parameters that characterize binocular function in children. <i>Ophthalmic and Physiological Optics</i> , 2004 , 24, 528-42	4.1	70
81	Interocular differences in higher-order aberrations on binocular visual performance. <i>Optometry and Vision Science</i> , 2008 , 85, 174-9	2.1	33
80	Evolution of accommodative function and development of ocular movements in children. <i>Ophthalmic and Physiological Optics</i> , 2003 , 23, 97-107	4.1	32
79	Impact of interocular differences in corneal asphericity on binocular summation. <i>American Journal of Ophthalmology</i> , 2003 , 135, 279-84	4.9	32
78	Driving time modulates accommodative response and intraocular pressure. <i>Physiology and Behavior</i> , 2016 , 164, 47-53	3.5	28
77	Optical image quality and visual performance for patients with keratitis. <i>Cornea</i> , 2009 , 28, 783-8	3.1	28
76	Fitness Level Modulates Intraocular Pressure Responses to Strength Exercises. <i>Current Eye Research</i> , 2018 , 43, 740-746	2.9	27
75	The acute effect of strength exercises at different intensities on intraocular pressure. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 2211-2217	3.8	26
74	Contact lenses vs spectacles in myopes: is there any difference in accommodative and binocular function?. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2011 , 249, 925-35	3.8	23
73	Effect of the level of effort during resistance training on intraocular pressure. <i>European Journal of Sport Science</i> , 2019 , 19, 394-401	3.9	22
72	Intraocular pressure is sensitive to cumulative and instantaneous mental workload. <i>Applied Ergonomics</i> , 2017 , 60, 313-319	4.2	21
71	Effect of examination stress on intraocular pressure in university students. <i>Applied Ergonomics</i> , 2018 , 67, 252-258	4.2	20
70	Intraocular Pressure Responses to Maximal Cycling Sprints Against Different Resistances: The Influence of Fitness Level. <i>Journal of Glaucoma</i> , 2017 , 26, 881-887	2.1	18
69	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	4.7	16
68	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	4.7	14
67	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	2.1	10
66	Attention-deficit/hyperactivity disorder children exhibit an impaired accommodative response. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 1023-1030	3.8	10

65	Simultaneous Physical and Mental Effort Alters Visual Function. <i>Optometry and Vision Science</i> , 2017 , 94, 797-806	2.1	10
64	Short-term effects of text-background color combinations on the dynamics of the accommodative response. <i>Vision Research</i> , 2020 , 166, 33-42	2.1	10
63	Optical quality and visual performance after cataract surgery with biaxial microincision intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 1022-8	2.3	10
62	Influence of the breathing pattern during resistance training on intraocular pressure. <i>European Journal of Sport Science</i> , 2020 , 20, 157-165	3.9	10
61	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	1.9	10
60	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	3.6	9
59	Prevalence of refractive errors in children in Equatorial Guinea. <i>Optometry and Vision Science</i> , 2015 , 92, 53-8	2.1	9
58	Optical quality and vision with iris-coloring soft contact lenses. <i>Optometry and Vision Science</i> , 2014 , 91, 564-9	2.1	8
57	Ametropias in school-age children in Fada N'Gourma (Burkina Faso, Africa). <i>Optometry and Vision Science</i> , 2012 , 89, 33-7	2.1	8
56	Short-term effects of caffeine intake on anterior chamber angle and intraocular pressure in low caffeine consumers. <i>Graefets Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 613-619	3.8	8
55	Acute intraocular pressure responses to high-intensity interval-training protocols in men and women. <i>Journal of Sports Sciences</i> , 2019 , 37, 803-809	3.6	8
54	Visual function, performance, and processing of basketball players vs. sedentary individuals. <i>Journal of Sport and Health Science</i> , 2020 , 9, 587-594	8.2	8
53	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	3.9	7
52	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	4.9	7
51	A maximal incremental effort alters tear osmolarity depending on the fitness level in military helicopter pilots. <i>Ocular Surface</i> , 2017 , 15, 795-801	6.5	7
50	Prevalence of refractive errors in school-age children in Burkina Faso. <i>Japanese Journal of Ophthalmology</i> , 2006 , 50, 483-484	2.6	7
49	Acute Intraocular Pressure Responses to Reading: The Influence of Body Position. <i>Journal of Glaucoma</i> , 2020 , 29, 581-586	2.1	6
48	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	2.1	6

47	Basketball free-throws performance depends on the integrity of binocular vision. <i>European Journal of Sport Science</i> , 2020 , 20, 407-414	3.9	6
46	Muscular Strength Is Associated with Higher Intraocular Pressure in Physically Active Males. <i>Optometry and Vision Science</i> , 2018 , 95, 143-149	2.1	5
45	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	2.9	5
44	Intraocular Pressure Responses to Four Different Isometric Exercises in Men and Women. <i>Optometry and Vision Science</i> , 2020 , 97, 648-653	2.1	5
43	Wearing Swimming Goggles Reduces Central Corneal Thickness and Anterior Chamber Angle, and Increases Intraocular Pressure. <i>Current Eye Research</i> , 2020 , 45, 535-541	2.9	5
42	Caffeine alters the dynamics of ocular accommodation depending on the habitual caffeine intake. <i>Experimental Eye Research</i> , 2019 , 185, 107663	3.7	4
41	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	4.1	4
40	Measuring mental workload: ocular astigmatism aberration as a novel objective index. <i>Ergonomics</i> , 2018 , 61, 506-516	2.9	4
39	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	5.2	4
38	Influence of holding weights of different magnitudes on intraocular pressure and anterior eye biometrics. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 2233-2238	3.8	4
37	Validation of an Objective Method for the Qualitative and Quantitative Assessment of Binocular Accommodative Facility. <i>Current Eye Research</i> , 2020 , 45, 636-644	2.9	4
36	Effects of a blue-blocking screen filter on accommodative accuracy and visual discomfort. <i>Ophthalmic and Physiological Optics</i> , 2020 , 40, 790-800	4.1	4
35	Intraocular pressure responses to walking with surgical and FFP2/N95 face masks in primary open-angle glaucoma patients. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 2373-2378	3.8	4
34	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	2.1	4
33	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	1.9	4
32	The short-term effects of artificially-impaired binocular vision on driving performance. <i>Ergonomics</i> , 2021 , 64, 212-224	2.9	4
31	Intraocular pressure increases during dynamic resistance training exercises according to the exercise phase in healthy young adults. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 1795-1801	3.8	3
30	Accommodative response in children with attention deficit hyperactivity disorder (ADHD): the influence of accommodation stimulus and medication. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 1299-1307	3.8	3

29	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	2.4	3
28	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	1.9	3
27	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	3.6	3
26	Visual Perceptual Skills in Attention-deficit/Hyperactivity Disorder Children: The Mediating Role of Comorbidities. <i>Optometry and Vision Science</i> , 2019 , 96, 655-663	2.1	3
25	Ocular Accommodative Response is Modulated as a Function of Physical Exercise Intensity. <i>Current Eye Research</i> , 2019 , 44, 442-450	2.9	3
24	The intraocular pressure responses to oral academic examination: The influence of perceived levels of public speaking anxiety. <i>Applied Ergonomics</i> , 2020 , 88, 103158	4.2	2
23	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	2.1	2
22	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	2.9	2
21	Dynamics of the accommodative response under artificially-induced aniseikonia. <i>Experimental Eye Research</i> , 2019 , 185, 107674	3.7	1
20	Effects of Blood Flow Restriction at Different Intensities on IOP and Ocular Perfusion Pressure. <i>Optometry and Vision Science</i> , 2020 , 97, 293-299	2.1	1
19	Children with Attention-deficit/Hyperactivity Disorder Show an Altered Eye Movement Pattern during Reading. <i>Optometry and Vision Science</i> , 2020 , 97, 265-274	2.1	1
18	Effects of caffeine intake on the biomechanical properties of the cornea: a placebo-controlled, double-blind, crossover pilot study in low caffeine consumers. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 2449-2458	3.8	1
17	Percepci3n de los maestros sobre las deficiencias visuales y su incidencia escolar. <i>Revista Complutense De Educacion</i> , 2016 , 27, 395-419	0.9	1
16	Intraocular Pressure as an Indicator of the Level of Induced Anxiety in Basketball. <i>Optometry and Vision Science</i> , 2019 , 96, 164-171	2.1	1
15	Effects of Wearing the Elevation Training Mask During Low-intensity Cycling Exercise on Intraocular Pressure. <i>Journal of Glaucoma</i> , 2021 , 30, e193-e197	2.1	1
14	Effects of wearing swimming goggles on non-invasive tear break-up time in a laboratory setting. <i>Journal of Optometry</i> , 2021 ,	2.6	1
13	Less is more: optimal recording time for measuring the steady-state accommodative response. <i>Australasian journal of optometry, The</i> , 2021 , 1-9	2.7	0
12	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	4.1	0

11	Examining the Validity of a New Method for the Objective Assessment of Binocular Accommodative Facility (2Q-AF Test): A Comparison with ± 2.00 DS Lens Flippers. <i>Current Eye Research</i> , 2021 , 1-7	2.9	○
10	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	4.7	○
9	Capturing attention improves accommodation: An experimental study in children with ADHD using multiple object tracking. <i>Vision Research</i> , 2021 , 186, 52-58	2.1	○
8	Effect of wearing different types of face masks during dynamic and isometric resistance training on intraocular pressure.. <i>Australasian journal of optometry, The</i> , 2022 , 1-6	2.7	○
7	The intraocular pressure lowering-effect of low-intensity aerobic exercise is greater in fitter individuals: a cluster analysis. <i>Research in Sports Medicine</i> ,1-12	3.8	○
6	Blue-blocking filters do not alleviate signs and symptoms of digital eye strain.. <i>Australasian journal of optometry, The</i> , 2022 , 1-6	2.7	
5	Short-term effects of caffeine intake on binocular accommodative facility: a quantitative and qualitative analysis. <i>Australasian journal of optometry, The</i> , 2021 , 1-5	2.7	
4	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	2.1	
3	Effects of water drinking on corneal biomechanics: The association with intraocular pressure changes.. <i>Indian Journal of Ophthalmology</i> , 2022 , 70, 1222-1228	1.6	
2	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	3.1	
1	The short-term effects of wearing swimming goggles on corneal biomechanics.. <i>International Ophthalmology</i> , 2022 , 1	2.2	