Jose Juan Esteve-Taboada

List of Publications by Year
in descending order

67	756	643344 15	721071 23
papers	citations	h-index	g-index

67	67	67	617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blinking kinematics characterization during digital displays use. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 1183-1193.	1.0	7
2	Light distortion of soft multifocal contact lenses with different pupil size and shape. Contact Lens and Anterior Eye, 2020, 43, 130-136.	0.8	6
3	Multisectorial changes in the ciliary muscle during accommodation measured with high-resolution optical coherence tomography. Arquivos Brasileiros De Oftalmologia, 2019, 82, 207-213.	0.2	5
4	Effect of contact lenses on ocular biometric measurements based on swept-source optical coherence tomography. Arquivos Brasileiros De Oftalmologia, 2019, 82, 129-135.	0.2	6
5	Repeatability assessment of biometric measurements with different refractive states and age using a swept-source biometer. Expert Review of Medical Devices, 2019, 16, 63-69.	1.4	15
6	Effect of phenylephrine on static and dynamic accommodation. Journal of Optometry, 2019, 12, 30-37.	0.7	12
7	Effect of age in the ciliary muscle during accommodation: Sectorial analysis. Journal of Optometry, 2019, 12, 14-21.	0.7	18
8	Influence of contrast polarity on the accommodative response. Journal of Optometry, 2019, 12, 38-43.	0.7	7
9	Ocular biometric changes with different accommodative stimuli using swept-source optical coherence tomography. International Ophthalmology, 2019, 39, 303-310.	0.6	9
10	Repeatability assessment of anterior segment biometric measurements under accommodative and nonaccommodative conditions using an anterior segment OCT. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 113-123.	1.0	6
11	Accommodative stimulus-response curves to low-pass filtered natural images. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1731-1737.	1.0	2
12	Power Profiles and In Vitro Optical Quality of Scleral Contact Lenses: Effect of the Aperture and Power. Eye and Contact Lens, 2018, 44, 149-158.	0.8	3
13	In vitro optical quality of monofocal aspheric toric intraocular lenses: effect of cylindrical power. International Ophthalmology, 2018, 38, 933-941.	0.6	0
14	Power profiles in multifocal contact lenses with variable multifocal zone. Australasian journal of optometry, The, 2018, 101, 57-63.	0.6	9
15	Semiautomatic procedure to assess changes in the eye accommodative system. International Ophthalmology, 2018, 38, 2451-2462.	0.6	4
16	Implantable collamer lens with central hole: 3-year follow-up. Clinical Ophthalmology, 2018, Volume 12, 2015-2029.	0.9	37
17	Repeatability of in-vitro optical quality measurements of intraocular lenses with a deflectometry technique effect of the toricity. International Journal of Ophthalmology, 2018, 11, 1139-1144.	0.5	0
18	Agreement of white-to-white measurements with the IOLMaster 700, Atlas 9000, and Sirius systems. Expert Review of Medical Devices, 2018, 15, 453-459.	1.4	11

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19	Schematic eye models to mimic the behavior of the accommodating human eye. Journal of Cataract and Refractive Surgery, 2018, 44, 627-641.	0.7	11
20	Tolerance to rotation of toric monofocal and bifocal intraocular lenses. A theoretical study. Optik, 2018, 157, 582-591.	1.4	1
21	Repeatability of whole-cornea measurements using an anterior segment imaging device based on OCT and Placido-disk. Expert Review of Medical Devices, 2017, 14, 169-175.	1.4	7
22	Non-invasive measurements of the dynamic changes in the ciliary muscle, crystalline lens morphology, and anterior chamber during accommodation with a high-resolution OCT. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 1385-1394.	1.0	20
23	Posterior chamber phakic intraocular lenses to improve visual outcomes in keratoconus patients. Journal of Cataract and Refractive Surgery, 2017, 43, 115-130.	0.7	20
24	Evaluation of the repeatability of a swept-source ocular biometer for measuring ocular biometric parameters. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 343-349.	1.0	38
25	Ocular anatomic changes for different accommodative demands using swept-source optical coherence tomography: a pilot study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2399-2406.	1.0	9
26	Dynamic accommodation without feedback does not respond to isolated blur cues. Vision Research, 2017, 136, 50-56.	0.7	7
27	Human eyes do not need monochromatic aberrations for dynamic accommodation. Ophthalmic and Physiological Optics, 2017, 37, 602-609.	1.0	11
28	Objective assessment of the effect of pupil size upon the power distribution of multifocal contact lenses. International Journal of Ophthalmology, 2017, 10, 103-108.	0.5	12
29	There is more to accommodation of the eye than simply minimizing retinal blur. Biomedical Optics Express, 2017, 8, 4717.	1.5	9
30	Amplitude, Latency, and Peak Velocity in Accommodation and Disaccommodation Dynamics. BioMed Research International, 2017, 2017, 1-8.	0.9	4
31	Accommodative Stimulus-Response Curve with Emoji Symbols. Journal of Ophthalmology, 2017, 2017, 1-5.	0.6	1
32	Accommodation Responds to Optical Vergence and Not Defocus Blur Alone. , 2017, 58, 1758.		29
33	Assessing the accommodation response after near visual tasks using different handheld electronic devices. Arquivos Brasileiros De Oftalmologia, 2017, 80, 9-13.	0.2	16
34	Accommodation in human eye models: a comparison between the optical designs of Navarro, Arizona and Liou-Brennan. International Journal of Ophthalmology, 2017, 10, 43-50.	0.5	5
35	Effect of even and odd-order aberrations on the accommodation response. International Journal of Ophthalmology, 2017, 10, 955-960.	0.5	2
36	Evaluation of the iridocorneal angle with accommodation using optical coherence tomography. International Journal of Ophthalmology, 2017, 10, 1614-1616.	0.5	2

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37	Implantation of Implantable Collamer Lenses After Radial Keratotomy. Journal of Refractive Surgery, 2017, 33, 395-398.	1.1	5
38	Corneal backscatter in insulin-dependent and non-insulin-dependent diabetes mellitus patients: a pilot study. Arquivos Brasileiros De Oftalmologia, 2017, 80, 148-153.	0.2	3
39	In vivo OCT assessment of anterior segment central axial lengths with accommodation. Arquivos Brasileiros De Oftalmologia, 2017, 80, 364-368.	0.2	4
40	Effect of Phenylephrine on the Accommodative System. Journal of Ophthalmology, 2016, 2016, 1-13.	0.6	17
41	Pilot Study on Visual Function and Fundus Autofluorescence Assessment in Diabetic Patients. Journal of Ophthalmology, 2016, 2016, 1-10.	0.6	7
42	Effect of Decentration on the Optical Quality of Two Intraocular Lenses. Optometry and Vision Science, 2016, 93, 1552-1559.	0.6	23
43	Confocal scanning laser ophthalmoscopy versus modified conventional fundus camera for fundus autofluorescence. Expert Review of Medical Devices, 2016, 13, 965-978.	1.4	5
44	Assessing the in vitro optical quality of presbyopic solutions based on the axial modulation transfer function. Journal of Cataract and Refractive Surgery, 2016, 42, 780-787.	0.7	7
45	Optical quality comparison among different Boston contact lens materials. Australasian journal of optometry, The, 2016, 99, 39-46.	0.6	12
46	In vitro optical quality comparison between the Mini WELL Ready progressive multifocal and the TECNIS Symfony. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1387-1397.	1.0	70
47	In vitro optical quality comparison of 2 trifocal intraocular lenses and 1 progressive multifocal intraocular lens. Journal of Cataract and Refractive Surgery, 2016, 42, 138-147.	0.7	30
48	Repeatability of in vitro power profile measurements for multifocal contact lenses. Contact Lens and Anterior Eye, 2015, 38, 168-172.	0.8	20
49	Optical quality comparison between 2 collagen copolymer posterior chamber phakic intraocular lens designs. Journal of Cataract and Refractive Surgery, 2015, 41, 1268-1278.	0.7	20
50	Assessment of corneal thickness and tear meniscus during contact-lens wear. Contact Lens and Anterior Eye, 2015, 38, 185-193.	0.8	24
51	Opto-mechanical artificial eye with accommodative ability. Optics Express, 2015, 23, 19396.	1.7	8
52	Effect of Large Apertures on the Optical Quality of Three Multifocal Lenses. Journal of Refractive Surgery, 2015, 31, 666-676.	1.1	39
53	VIRTUAL PLATFORM FOR PROTOTYPE IMPLEMENTATION OF FLEXIBLE AUTOMATED DISASSEMBLY SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 87-95.	0.4	2
54	Machine vision system for the industrial quality control of printed circuit boards. , 2005, , .		0

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55	Recognition of polychromatic three-dimensional objects. Applied Optics, 2004, 43, 433.	2.1	5
56	<title>Detection of three-dimensional objects based on phase-encoded range images</title>. , 2004, , .		0
57	Detection and orientation evaluation for three-dimensional objects. Optics Communications, 2003, 217, 123-131.	1.0	8
58	Target localization based on wavelength multiplexing. , 2003, , .		0
59	Two-dimensional optical wavelet decomposition with white-light illumination by wavelength multiplexing. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 157.	0.8	6
60	<title>Three-dimensional pattern recognition using fringe projection</title>. , 2001, , .		2
61	Optical recognition of three-dimensional objects with in-plane rotation invariance. , 2001, , .		0
62	<title>Scale-invariant three-dimensional object recognition using a classical convergent correlator</title>. , 2001, 4419, 600.		0
63	Extended scale-invariant pattern recognition with white-light illumination. Applied Optics, 2000, 39, 1268.	2.1	8
64	Shift- and scale-invariant recognition of contour objects with logarithmic radial harmonic filters. Applied Optics, 2000, 39, 5347.	2.1	3
65	Rotation-invariant optical recognition of three-dimensional objects. Applied Optics, 2000, 39, 5998.	2.1	14
66	Three-dimensional object recognition by Fourier transform profilometry. Applied Optics, 1999, 38, 4760.	2.1	53
67	Optoelectronic processing based on binary decompositions of images. Proceedings of SPIE, 1999, , .	0.8	0