

Andr Mrcio Vieira Messias

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97 papers	1,723 citations	24 h-index	38 g-index
106 ext. papers	2,017 ext. citations	2.7 avg, IF	4.33 L-index

#	Paper	IF	Citations
97	Comparing explorative saccade and flicker training in hemianopia: a randomized controlled study. <i>Neurology</i> , 2009 , 72, 324-31	6.5	110
96	Intravitreal injection of autologous bone marrow-derived mononuclear cells for hereditary retinal dystrophy: a phase I trial. <i>Retina</i> , 2011 , 31, 1207-14	3.6	101
95	Transcorneal electrical stimulation for patients with retinitis pigmentosa: a prospective, randomized, sham-controlled exploratory study 2011 , 52, 4485-96		100
94	Quality of life in patients with retinitis pigmentosa submitted to intravitreal use of bone marrow-derived stem cells (Reticell -clinical trial). <i>Stem Cell Research and Therapy</i> , 2015 , 6, 29	8.3	71
93	Intraocular lens power calculation and optimized constants for highly myopic eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 1575-81	2.3	68
92	New standardised texts for assessing reading performance in four European languages. <i>British Journal of Ophthalmology</i> , 2006 , 90, 480-4	5.5	67
91	A prospective randomized trial of intravitreal bevacizumab versus ranibizumab for the management of diabetic macular edema. <i>American Journal of Ophthalmology</i> , 2013 , 156, 502-510.e2	4.9	65
90	Quantifying fixation in patients with Stargardt disease. <i>Vision Research</i> , 2007 , 47, 2076-85	2.1	55
89	Phosphenes electrically evoked with DTL electrodes: a study in patients with retinitis pigmentosa, glaucoma, and homonymous visual field loss and normal subjects. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4966-74		55
88	Effect of +3.00 diopter and +4.00 diopter additions in multifocal intraocular lenses on defocus profiles, patient satisfaction, and contrast sensitivity. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 720-6	2.3	50
87	Transcorneal Electrical Stimulation for Patients With Retinitis Pigmentosa: A Prospective, Randomized, Sham-Controlled Follow-up Study Over 1 Year 2017 , 58, 257-269		48
86	Panretinal photocoagulation (PRP) versus PRP plus intravitreal ranibizumab for high-risk proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2011 , 89, e567-72	3.7	46
85	Eccentric fixation in Stargardt disease assessed by Tübingen perimetry. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 5815-22		40
84	Retinal safety of a new fluoroquinolone, pradofloxacin, in cats: assessment with electroretinography. <i>Documenta Ophthalmologica</i> , 2008 , 116, 177-91	2.2	38
83	Transcorneal electrical stimulation shows neuroprotective effects in retinas of light-exposed rats 2012 , 53, 5552-61		34
82	Safety monitoring in bevacizumab (Avastin) treatment: retinal function assessed by psychophysical (visual fields, colour vision) and electrophysiological (ERG/EOG) tests in two subgroups of patients. <i>International Ophthalmology</i> , 2008 , 28, 101-9	2.2	32
81	Resolution of macular oedema associated with retinitis pigmentosa after intravitreal use of autologous BM-derived hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2013 , 48, 612-3	4.4	30

80	Assessment of the posterior segment of the cat eye by optical coherence tomography (OCT). <i>Veterinary Ophthalmology</i> , 2007 , 10, 173-8	1.4	30
79	A comparison of the performance of three visual evoked potential-based methods to estimate visual acuity. <i>Documenta Ophthalmologica</i> , 2013 , 126, 45-56	2.2	29
78	Phosphene thresholds elicited by transcorneal electrical stimulation in healthy subjects and patients with retinal diseases 2012 , 53, 7440-8		29
77	In vivo toxicity study of rhodamine 6G in the rat retina. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 2120-6		28
76	Possible mechanisms of retinal function recovery with the use of cell therapy with bone marrow-derived stem cells. <i>Arquivos Brasileiros De Oftalmologia</i> , 2010 , 73, 474-9	1.1	26
75	Electroretinographic findings associated with panretinal photocoagulation (PRP) versus PRP plus intravitreal ranibizumab treatment for high-risk proliferative diabetic retinopathy. <i>Documenta Ophthalmologica</i> , 2012 , 124, 225-36	2.2	25
74	Intravitreal injection versus subtenon infusion of triamcinolone acetonide during cataract surgery in patients with refractory diabetic macular edema. <i>Retina</i> , 2010 , 30, 562-9	3.6	24
73	Quantification of optic disc edema during exposure to high altitude shows no correlation to acute mountain sickness. <i>PLoS ONE</i> , 2011 , 6, e27022	3.7	23
72	Intravitreal use of bone marrow mononuclear fraction containing CD34 stem cells in patients with atrophic age-related macular degeneration. <i>Clinical Ophthalmology</i> , 2017 , 11, 931-938	2.5	21
71	Improvement of ischaemic macular oedema after intravitreal injection of autologous bone marrow-derived haematopoietic stem cells. <i>Acta Ophthalmologica</i> , 2015 , 93, e174-6	3.7	19
70	Influence of the pupil size on visual quality and spherical aberration after implantation of the Tecnis 1-piece intraocular lens. <i>British Journal of Ophthalmology</i> , 2011 , 95, 42-5	5.5	18
69	Intravitreal injection of ranibizumab during cataract surgery in patients with diabetic macular edema. <i>Retina</i> , 2012 , 32, 1799-803	3.6	18
68	Outcomes of the Acrysof ReSTOR IOL in myopes, emmetropes, and hyperopes. <i>Journal of Refractive Surgery</i> , 2009 , 25, 1103-9	3.3	18
67	Sulcus anatomy and diameter in pseudophakic eyes and correlation with biometric data: evaluation with a 50 MHz ultrasound biomicroscope. <i>Journal of Cataract and Refractive Surgery</i> , 2012 , 38, 986-91	2.3	16
66	Psychophysically determined full-field stimulus thresholds (FST) in retinitis pigmentosa: relationships with electroretinography and visual field outcomes. <i>Documenta Ophthalmologica</i> , 2013 , 127, 123-9	2.2	16
65	Ophthalmological assessment of cannabis-induced persisting perception disorder: is there a direct retinal effect?. <i>Documenta Ophthalmologica</i> , 2015 , 130, 121-30	2.2	15
64	Accidental subretinal brilliant blue G migration during internal limiting membrane peeling surgery. <i>JAMA Ophthalmology</i> , 2015 , 133, 85-8	3.9	15
63	Comparison of acetazolamide, brimonidine, and anterior chamber paracentesis for ocular hypertension control after initial intravitreal bevacizumab injection: a randomized clinical trial. <i>Journal of Glaucoma</i> , 2014 , 23, 461-3	2.1	15

62	Comparison of corneal changes after phacoemulsification using BSS Plus versus Lactated RingerQ irrigating solution: a prospective randomised trial. <i>British Journal of Ophthalmology</i> , 2011 , 95, 485-9	5.5	15
61	System for measuring the transmission spectrum of Q _n vitroQcorneas. <i>Physiological Measurement</i> , 2000 , 21, 197-207	2.9	14
60	Vitreous pharmacokinetics and retinal safety of intravitreal preserved versus non-preserved triamcinolone acetonide in rabbit eyes. <i>Current Eye Research</i> , 2012 , 37, 55-61	2.9	13
59	Upper and lower eyelid saccades describe a harmonic oscillator function. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 857-62		13
58	Panretinal photocoagulation versus intravitreal injection retreatment pain in high-risk proliferative diabetic retinopathy. <i>Arquivos Brasileiros De Oftalmologia</i> , 2013 , 76, 18-20	1.1	12
57	Parafoveal letter recognition at reduced contrast in normal aging and in patients with risk factors for AMD. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 43-51	3.8	12
56	Intravitreal bevacizumab (Avastin) for persistent new vessels in diabetic retinopathy (IBEPE study): 1-year results. <i>Retina</i> , 2013 , 33, 1109-16	3.6	11
55	Spontaneous blinking in patients with GravesQupper eyelid retraction. <i>Current Eye Research</i> , 2010 , 35, 459-65	2.9	11
54	Electroretinographic assessment of retinal function at high altitude. <i>Journal of Applied Physiology</i> , 2013 , 115, 365-72	3.7	10
53	Ranibizumab for retinal neovascularization. <i>Ophthalmology</i> , 2011 , 118, 1004-1004.e1	7.3	10
52	Neuroprotective effects of intravitreal triamcinolone acetonide and dexamethasone implant in rabbit retinas after pars plana vitrectomy and silicone oil injection. <i>Retina</i> , 2015 , 35, 364-70	3.6	9
51	Clinical study of pain sensation during phacoemulsification with and without cryoanalgesia. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 719-23	2.3	8
50	Modeling upper eyelid kinematics during spontaneous and reflex blinks. <i>Journal of Neuroscience Methods</i> , 2010 , 191, 119-25	3	8
49	Retinal function after intravitreal injection of autologous bone marrow-derived mesenchymal stromal cells in advanced glaucoma. <i>Documenta Ophthalmologica</i> , 2021 , 143, 33-38	2.2	8
48	The Impact of Computed Tomography on Decision Making in Tibial Plateau Fractures. <i>Journal of Knee Surgery</i> , 2018 , 31, 1007-1014	2.4	7
47	Two-dimensional video analysis of the upper eyelid motion during spontaneous blinking. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2014 , 30, 146-51	1.4	7
46	Capsulorhexis rescue after peripheral radial tear-out: quick-pull technique. <i>Journal of Cataract and Refractive Surgery</i> , 2012 , 38, 737-8	2.3	7
45	Antiangiogenic drugs and advanced proliferative diabetic retinopathy. <i>Arquivos Brasileiros De Oftalmologia</i> , 2011 , 74, 143-6	1.1	7

44	Single doses of all-trans-N-retinylacetamide slow down the ERG amplitude recovery after bleaching in rats. <i>Documenta Ophthalmologica</i> , 2010 , 120, 165-74	2.2	7
43	Foveal thickness reduction after anti-vascular endothelial growth factor treatment in chronic diabetic macular edema. <i>International Journal of Ophthalmology</i> , 2017 , 10, 760-764	1.4	7
42	Haigis and SRKT formulae accuracy for intentional myopic overcorrection. <i>International Ophthalmology</i> , 2018 , 38, 1459-1463	2.2	6
41	Assessment of "non-recordable" electroretinograms by 9 Hz flicker stimulation under scotopic conditions. <i>Documenta Ophthalmologica</i> , 2012 , 124, 27-39	2.2	6
40	Electroretinographic assessment of retinal function during acute exposure to normobaric hypoxia. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 43-50	3.8	6
39	Alternative technique for reducing compound waste during intravitreal injections. <i>Arquivos Brasileiros De Oftalmologia</i> , 2009 , 72, 641-4	1.1	6
38	The effect of intravitreal ranibizumab on intraoperative bleeding during pars plana vitrectomy for diabetic traction retinal detachment. <i>British Journal of Ophthalmology</i> , 2011 , 95, 1337-9	5.5	6
37	In vivo toxicity testing of methyl blue and aniline blue as vital dyes for intraocular surgery. <i>Retina</i> , 2009 , 29, 1257-65	3.6	6
36	Phacoemulsification with big-bubble deep anterior lamellar keratoplasty: Variant of the triple procedure. <i>Journal of Cataract and Refractive Surgery</i> , 2019 , 45, 1064-1066	2.3	5
35	Spontaneous Blinking Kinetics on Paralytic Lagophthalmos After Lid Load with Gold Weight or Autogenous Temporalis Fascia Sling. <i>Current Eye Research</i> , 2016 , 41, 433-40	2.9	5
34	In vivo release and retinal toxicity of cyclosporine-loaded intravitreal device. <i>Documenta Ophthalmologica</i> , 2015 , 131, 207-14	2.2	5
33	Comparative efficacy of two different topical povidone-iodine 5% regimens in reducing conjunctival bacterial flora: A randomized parallel double-masked clinical trial. <i>PLoS ONE</i> , 2017 , 12, e0189206	3.7	5
32	Retinal function in eyes with proliferative diabetic retinopathy treated with intravitreal ranibizumab and multispot laser panretinal photocoagulation. <i>Documenta Ophthalmologica</i> , 2018 , 137, 121-129	2.2	5
31	In vivo release and retinal safety of intravitreal implants of thalidomide in rabbit eyes and antiangiogenic effect on the chorioallantoic membrane. <i>Journal of Drug Targeting</i> , 2013 , 21, 837-45	5.4	4
30	Single intravitreal injection of triamcinolone combined with bevacizumab for the treatment of diffuse diabetic macular oedema refractory to grid photocoagulation. <i>Acta Ophthalmologica</i> , 2010 , 88, e297-8	3.7	4
29	A new DTL-electrode holder for recording of electroretinograms in animals. <i>Journal of Neuroscience Methods</i> , 2011 , 195, 128-34	3	4
28	Spatial correlation between localized decreases in exploratory visual search performance and areas of glaucomatous visual field loss. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 153-160	3.8	4
27	SAFETY AND FEASIBILITY OF A NOVEL 25-GAUGE BIODEGRADABLE IMPLANT OF DEXAMETHASONE FOR TREATMENT OF MACULAR EDEMA ASSOCIATED WITH RETINAL VEIN OCCLUSION: A PHASE I CLINICAL TRIAL. <i>Retinal Cases and Brief Reports</i> , 2018 , 12, 50-58	1.1	3

26	Structure-functional correlation using adaptive optics, OCT, and microperimetry in a case of occult macular dystrophy. <i>Arquivos Brasileiros De Oftalmologia</i> , 2017 , 80, 118-121	1.1	3
25	Effect of age on upper and lower eyelid saccades. <i>Brazilian Journal of Medical and Biological Research</i> , 2006 , 39, 1651-7	2.8	3
24	Automated keratometry at low cost. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2000 , 19, 97-103		3
23	Eccentric fixation patterns, clinical findings, and reading speed in patients with bilateral toxoplasmic macular retinochoroiditis. <i>Arquivos Brasileiros De Oftalmologia</i> , 2018 , 81, 401-407	1.1	3
22	Aqueous humor renin, angiotensin I, and angiotensin II activity in primary open-angle glaucoma. <i>Arquivos Brasileiros De Oftalmologia</i> , 2020 , 83, 318-322	1.1	3
21	Visual Search Performance in Patients with Vision Impairment: A Systematic Review. <i>Current Eye Research</i> , 2017 , 42, 1561-1571	2.9	2
20	Macular dystrophy associated with KjellinQ syndrome: a case report. <i>Arquivos Brasileiros De Oftalmologia</i> , 2015 , 78, 120-2	1.1	2
19	Assessment of gait dynamics in rats submitted to limb ischemia. <i>Acta Cirurgica Brasileira</i> , 2011 , 26, 490-51.6		2
18	Costs and outcomes of phacoemulsification for cataracts performed by residents. <i>Arquivos Brasileiros De Oftalmologia</i> , 2020 , 83, 209-214	1.1	2
17	Bevacizumab versus triamcinolone for persistent diabetic macular edema: a randomized clinical trial. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 479-490	3.8	2
16	Giant cell arteritis during COVID-19 pandemic. <i>Arquivos Brasileiros De Oftalmologia</i> , 2021 , 84, 515-516	1.1	2
15	Diclofenac for panretinal photocoagulation pain. <i>Ophthalmology</i> , 2010 , 117, 2441.e1-3	7.3	1
14	The relationship between two types of upper eyelid movements: saccades and pursuit. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 2444-8		1
13	Intravitreal metoprolol for circumscribed choroidal hemangiomas: a phase I clinical trial. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 2837-2841	3.8	1
12	Central mfERG amplitude ratio as a predictor for visual outcome of macular hole surgery. <i>Documenta Ophthalmologica</i> , 2020 , 140, 23-30	2.2	1
11	Proliferative diabetic retinopathy treated with intravitreal ranibizumab and photocoagulation directed at ischemic retinal areas-A randomized study. <i>Documenta Ophthalmologica</i> , 2021 , 143, 313-322	2.2	1
10	ETDRS panretinal photocoagulation combined with intravitreal ranibizumab versus PASCAL panretinal photocoagulation with intravitreal ranibizumab versus intravitreal ranibizumab alone for the treatment of proliferative diabetic retinopathy. <i>Arquivos Brasileiros De Oftalmologia</i> , 2020 , 83, 526-534	1.1	1
9	A slow-release dexamethasone implant for cancer-associated retinopathy.. <i>Arquivos Brasileiros De Oftalmologia</i> , 2022 ,	1.1	1

8	Intravitreal Use of a Bone Marrow Mononuclear Fraction (BMMF) Containing CD34+ Cells in Patients with Stargardt Type Macular Dystrophy. <i>Stem Cells International</i> , 2020 , 2020, 8828256	5	0
7	Reply: To PMID 25840296. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 1548-9	2.3	
6	Reply: To PMID 25840296. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 1796-7	2.3	
5	Reply : Caution essential in quick-pull technique. <i>Journal of Cataract and Refractive Surgery</i> , 2012 , 38, 1874	2.3	
4	Reply : Capsulorrhexis rescue techniques. <i>Journal of Cataract and Refractive Surgery</i> , 2012 , 38, 1875	2.3	
3	Macular Mapping Test (MM-Test) and Tuebingen Automated Perimetry (TAP) as screening methods for early macular degeneration [AMDRead Project. <i>International Congress Series</i> , 2005 , 1282, 759-761		
2	Fixation pattern in Stargardt disease. A longitudinal study. <i>International Congress Series</i> , 2005 , 1282, 650-653		
1	Decreased Retinal Sensitivity Overlying Choroidal Nevi. <i>Ocular Oncology and Pathology</i> , 2021 , 7, 287-2931.6		