

Eduardo BÃ¼chele Rodrigues

List of Publications by Year in descending order

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111
papers

2,813
citations

147726

31
h-index

214721

47
g-index

122
all docs

122
docs citations

122
times ranked

2592
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Vital Dyes in Ocular Surgery. <i>Survey of Ophthalmology</i> , 2009, 54, 576-617.	1.7	116
2	Cytokines in neovascular age-related macular degeneration: fundamentals of targeted combination therapy. <i>British Journal of Ophthalmology</i> , 2011, 95, 1631-1637.	2.1	93
3	Effect of Needle Type and Injection Technique on Pain Level and Vitreal Reflux in Intravitreal Injection. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011, 27, 197-203.	0.6	91
4	Chromovitrectomy: a new field in vitreoretinal surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2005, 243, 291-293.	1.0	81
5	Pathogenesis and Classification of Proliferative Diabetic Vitreoretinopathy. <i>Ophthalmologica</i> , 2007, 221, 78-94.	1.0	77
6	Spontaneous separation of epiretinal membrane in young subjects: personal observations and review of the literature. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2004, 242, 977-985.	1.0	76
7	Vital dyes for chromovitrectomy. <i>Current Opinion in Ophthalmology</i> , 2007, 18, 179-187.	1.3	76
8	MECHANISMS OF INTRAVITREAL TOXICITY OF INDOCYANINE GREEN DYE. <i>Retina</i> , 2007, 27, 958-970.	1.0	72
9	Tunneled Scleral Incision to Prevent Vitreal Reflux After Intravitreal Injection. <i>American Journal of Ophthalmology</i> , 2007, 143, 1035-1037.	1.7	70
10	Retinal and Ocular Toxicity in Ocular Application of Drugs and Chemicals – Part II: Retinal Toxicity of Current and New Drugs. <i>Ophthalmic Research</i> , 2010, 44, 205-224.	1.0	70
11	Inflammation in Dry Age-Related Macular Degeneration. <i>Ophthalmologica</i> , 2007, 221, 143-152.	1.0	66
12	Choriocapillaris and retinal vascular plexus density of diabetic eyes using split-spectrum amplitude decorrelation spectral-domain optical coherence tomography angiography. <i>British Journal of Ophthalmology</i> , 2019, 103, 452-456.	2.1	66
13	Incidence of Damage to the Crystalline Lens During Intravitreal Injections. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2010, 26, 491-495.	0.6	61
14	Intravitreal Staining of the Internal Limiting Membrane Using Indocyanine Green in the Treatment of Macular Holes. <i>Ophthalmologica</i> , 2005, 219, 251-262.	1.0	59
15	Fusion proteins for treatment of retinal diseases: aflibercept, ziv-aflibercept, and conbercept. <i>International Journal of Retina and Vitreous</i> , 2016, 2, 3.	0.9	59
16	Primary Vitrectomy in Complicated Rhegmatogenous Retinal Detachment – A Survey of 205 Eyes. <i>Ophthalmologica</i> , 2003, 217, 387-392.	1.0	56
17	Ability of New Vital Dyes to Stain Intraocular Membranes and Tissues in Ocular Surgery. <i>American Journal of Ophthalmology</i> , 2010, 149, 265-277.	1.7	56
18	Comparative analysis of the nuclear lens opalescence by the Lens Opacities Classification System III with nuclear density values provided by Oculus Pentacam: a cross-section study using Pentacam Nucleus Staging software. <i>Arquivos Brasileiros De Oftalmologia</i> , 2011, 74, 110-113.	0.2	56

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19	Mechanisms of sterile inflammation after intravitreal injection of antiangiogenic drugs: a narrative review. <i>International Journal of Retina and Vitreous</i> , 2021, 7, 37.	0.9	53
20	Critical analysis of techniques and materials used in devices, syringes, and needles used for intravitreal injections. <i>Progress in Retinal and Eye Research</i> , 2021, 80, 100862.	7.3	51
21	Molecular Mechanisms of Topical Anti-Inflammatory Effects of Lipoxin A4 in Endotoxin-Induced Uveitis. <i>Molecular Pharmacology</i> , 2008, 74, 154-161.	1.0	48
22	INTRAVITREAL INJECTIONS OF ZIV-AFLIBERCEPT FOR DIABETIC MACULAR EDEMA. <i>Retina</i> , 2016, 36, 1640-1645.	1.0	45
23	PERSISTENT PREMACULAR CAVITY AFTER MEMBRANOTOMY IN VALSALVA RETINOPATHY EVIDENT BY OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , 2006, 26, 116-118.	1.0	43
24	Acute Commotio Retinae Determined by Cross-Sectional Optical Coherence Tomography. <i>European Journal of Ophthalmology</i> , 2003, 13, 816-818.	0.7	41
25	Preclinical Investigations of Intravitreal Ziv-Aflibercept. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2014, 45, 577-584.	0.4	41
26	Effects of Subretinal Injection of Patent Blue and Trypan Blue in Rabbits. <i>Current Eye Research</i> , 2007, 32, 309-317.	0.7	39
27	Arboviruses and the eye. <i>International Journal of Retina and Vitreous</i> , 2017, 3, 4.	0.9	37
28	PRECLINICAL INVESTIGATION OF THE RETINAL BIOCOMPATIBILITY OF SIX NOVEL VITAL DYES FOR CHROMOVITRECTOMY. <i>Retina</i> , 2009, 29, 497-510.	1.0	36
29	Current concepts in vitreomacular traction syndrome. <i>Current Opinion in Ophthalmology</i> , 2012, 23, 195-201.	1.3	35
30	Meta-Analysis of Chromovitrectomy with Indocyanine Green in Macular Hole Surgery. <i>Ophthalmologica</i> , 2008, 222, 123-129.	1.0	33
31	Diabetes induces changes in neuroretina before retinal vessels: a spectral-domain optical coherence tomography study. <i>International Journal of Retina and Vitreous</i> , 2015, 1, 4.	0.9	33
32	Subretinal Brilliant Blue G migration during internal limiting membrane peeling. <i>British Journal of Ophthalmology</i> , 2009, 93, 1687-1687.	2.1	30
33	Retinal and Ocular Toxicity in Ocular Application of Drugs and Chemicals – Part I: Animal Models and Toxicity Assays. <i>Ophthalmic Research</i> , 2010, 44, 82-104.	1.0	30
34	Release of silicone oil and the off-label use of syringes in ophthalmology. <i>British Journal of Ophthalmology</i> , 2020, 104, 291-296.	2.1	29
35	Intravitreal Injection of Ziv-Aflibercept in Patient With Refractory Age-Related Macular Degeneration. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015, 46, 91-94.	0.4	29
36	Experimental investigation of needles, syringes and techniques for intravitreal injections. <i>Clinical and Experimental Ophthalmology</i> , 2011, 39, 236-242.	1.3	28

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37	Preventive and therapeutic anti-inflammatory effects of systemic and topical thalidomide on endotoxin-induced uveitis in rats. <i>Experimental Eye Research</i> , 2007, 84, 553-560.	1.2	26
38	Safety of 5914 intravitreal ziv-aflibercept injections. <i>British Journal of Ophthalmology</i> , 2019, 103, 805-810.	2.1	26
39	Risk of Retinal Vein Occlusions in Patients Treated with Rofecoxib (Vioxx). <i>Ophthalmologica</i> , 2005, 219, 243-247.	1.0	23
40	Penetration Force, Geometry, and Cutting Profile of the Novel and Old Ozurdex Needle: The MONO Study. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014, 30, 387-391.	0.6	23
41	UNSEALED SCLEROTOMY AFTER INTRAVITREAL INJECTION WITH A 30-GAUGE NEEDLE. <i>Retina</i> , 2004, 24, 810-812.	1.0	22
42	The Use of Vital Dyes during Vitreoretinal Surgery - Chromovitrectomy. <i>Developments in Ophthalmology</i> , 2016, 55, 365-375.	0.1	22
43	Clinical Presentation and Genetic Paradigm of Diffuse Infiltrating Retinoblastoma: A Review. <i>Ocular Oncology and Pathology</i> , 2016, 2, 128-132.	0.5	21
44	<i>In Vivo, In Vitro</i> Toxicity and <i>In Vitro</i> Angiogenic Inhibition of Sunitinib Malate. <i>Current Eye Research</i> , 2012, 37, 567-574.	0.7	20
45	Nonsteroidal Anti-Inflammatory Drugs in the Treatment of Retinal Diseases. <i>Developments in Ophthalmology</i> , 2016, 55, 212-220.	0.1	20
46	A Modified Technique to Stain the Internal Limiting Membrane with Indocyanine Green. <i>Ophthalmologica</i> , 2004, 218, 176-179.	1.0	19
47	Retinal Pigmented Epithelial Cells Cytotoxicity and Apoptosis through Activation of the Mitochondrial Intrinsic Pathway: Role Of Indocyanine Green, Brilliant Blue and Implications for Chromovitrectomy. <i>PLoS ONE</i> , 2013, 8, e64094.	1.1	19
48	Investigation of new dyes for chromovitrectomy: preclinical biocompatibility of trisodium, orangell and methyl violet. <i>International Journal of Retina and Vitreous</i> , 2015, 1, 1.	0.9	19
49	CLINICAL AND ELECTROPHYSIOLOGICAL EVALUATION AFTER INTRAVITREAL ZIV-AFLIBERCEPT FOR EXUDATIVE AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2017, 37, 1499-1507.	1.0	19
50	Correlation Between Choroidal Thickness and Ciliary Artery Blood Flow Velocity in Normal Subjects. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015, 46, 920-924.	0.4	19
51	Metrorrhagia after intravitreal injection of bevacizumab. <i>Acta Ophthalmologica</i> , 2007, 85, 915-916.	0.4	18
52	Safety and efficacy of various concentrations of topical lidocaine gel for intravitreal injection. <i>Expert Opinion on Drug Safety</i> , 2014, 13, 1299-1303.	1.0	18
53	Patient pain during intravitreal injections under topical anesthesia: a systematic review. <i>International Journal of Retina and Vitreous</i> , 2017, 3, 23.	0.9	18
54	Intravitreal Ziv-Aflibercept for Diabetic Macular Edema: 48-Week Outcomes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2018, 49, 245-250.	0.4	18

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55	Optical coherence tomography in a case of Bietti's crystalline dystrophy. <i>Acta Ophthalmologica</i> , 2004, 82, 609-612.	0.4	17
56	Toxicological considerations for intravitreal drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011, 7, 1021-1034.	1.5	17
57	USE OF LUTEIN AND ZEAXANTHIN ALONE OR COMBINED WITH BRILLIANT BLUE TO IDENTIFY INTRAOCULAR STRUCTURES INTRAOPERATIVELY. <i>Retina</i> , 2012, 32, 1328-1336.	1.0	17
58	Prevalence of silicone oil droplets in eyes treated with intravitreal injection. <i>International Journal of Retina and Vitreous</i> , 2019, 5, 34.	0.9	17
59	TOXICITY AND RETINAL PENETRATION OF INFLIXIMAB IN PRIMATES. <i>Retina</i> , 2012, 32, 606-612.	1.0	16
60	GEOMETRY, PENETRATION FORCE, AND CUTTING PROFILE OF DIFFERENT 23-GAUGE TROCARS SYSTEMS FOR PARS PLANA VITRECTOMY. <i>Retina</i> , 2014, 34, 2290-2299.	1.0	15
61	Investigation of the retinal biocompatibility of acid violet for chromovitrectomy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 1115-1121.	1.0	14
62	Classifications of vitreomacular traction syndrome: diameter vs morphology. <i>Eye</i> , 2014, 28, 1107-1112.	1.1	14
63	Vital Dyes in Ophthalmology: a Chemical Perspective. <i>Current Eye Research</i> , 2014, 39, 649-658.	0.7	14
64	INTRAVITREAL ZIV-AFLIBERCEPT FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2019, 39, 648-655.	1.0	14
65	POSTERIOR HYALOID DETACHMENT AND INTERNAL LIMITING MEMBRANE PEELING ASSISTED BY ANTHOCYANINS FROM ACAI FRUIT (EUTERPE OLERACEA) AND 10 OTHER NATURAL VITAL DYES. <i>Retina</i> , 2013, 33, 89-96.	1.0	13
66	Optic Disc Pit Maculopathy after Blunt Ocular Trauma. <i>European Journal of Ophthalmology</i> , 2004, 14, 71-73.	0.7	12
67	Lutein and Zeaxanthin Toxicity With and Without Brilliant Blue in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014, 30, 559-566.	0.6	12
68	Survey: technique of performing intravitreal injection among members of the Brazilian Retina and Vitreous Society (SBRV). <i>Arquivos Brasileiros De Oftalmologia</i> , 2015, 78, 32-5.	0.2	12
69	Dye Solutions Based on Lutein and Zeaxanthin: <i>In Vitro</i> and <i>In Vivo</i> Analysis of Ocular Toxicity Profiles. <i>Current Eye Research</i> , 2015, 40, 707-718.	0.7	11
70	Novel Vitreous Modulators for Pharmacologic Vitreolysis in the Treatment of Diabetic Retinopathy. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 410-422.	0.9	11
71	An intraocular dye solution based on lutein and zeaxanthin in a surrogate internal limiting membrane model: A Langmuir monolayer study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 107, 124-129.	2.5	10
72	ARPE-19 Cell Uptake of Small and Ultrasmall Superparamagnetic Iron Oxide. <i>Current Eye Research</i> , 2014, 39, 403-410.	0.7	10

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73	Corneal angiogenesis modulation by cysteine cathepsins: InÂvitro and inÂvivo studies. <i>Experimental Eye Research</i> , 2015, 134, 39-46.	1.2	10
74	Retinal Toxicity of Acai Fruit (<i>Euterpe Oleracea</i>) Dye Concentrations in Rabbits: Basic Principles of a New Dye for Chromovitrectomy in Humans. <i>Current Eye Research</i> , 2017, 42, 1185-1193.	0.7	10
75	Preoperative and Intraoperative Prognostic Factors of Epiretinal Membranes Using Chromovitrectomy and Internal Limiting Membrane Peeling. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015, 46, 457-462.	0.4	10
76	Hereditary Diffuse Infiltrating Retinoblastoma. <i>Ophthalmic Genetics</i> , 2014, 37, 1-3.	0.5	9
77	Surgical Management of Epiretinal Membrane with Indocyanine-Green-Assisted Peeling. <i>Ophthalmologica</i> , 2004, 218, 73-74.	1.0	8
78	Indications of Optical Coherence Tomography in Keratoplasties: Literature Review. <i>Journal of Ophthalmology</i> , 2012, 2012, 1-6.	0.6	8
79	Functional and anatomical investigations in racemose haemangioma. <i>Acta Ophthalmologica</i> , 2007, 85, 764-771.	0.4	7
80	Silicone oilâ€free syringes, siliconized syringes and needles: quantitative assessment of silicone oil release with drugs used for intravitreal injection. <i>Acta Ophthalmologica</i> , 2021, 99, e1366-e1374.	0.6	7
81	Vitreomacular Traction Syndrome: Postoperative Functional and Anatomic Outcomes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015, 46, 235-242.	0.4	7
82	The risks behind the widespread use of siliconized syringes in the healthcare practice. <i>International Journal of Retina and Vitreous</i> , 2021, 7, 66.	0.9	7
83	Viability of Primary Human Pigment Epithelium Cells and Muller-Glia Cells after Intravitreal Ziv-Aflibercept and Aflibercept. <i>Ophthalmologica</i> , 2016, 236, 223-227.	1.0	6
84	Pilot Study Comparing Topical Anesthetic Agents in Pterygium Surgery: Subconjunctival Injection Versus 2% Lidocaine Gel Versus 5% Lidocaine Gel. <i>Cornea</i> , 2018, 37, 194-198.	0.9	6
85	Nonsteroidal anti-inflammatory drugs (NSAIDs) in the treatment of retinal diseases. , 2010, , 196-200.		5
86	Color Variation Assay of the Anthocyanins from AÃ§ai Fruit (<i>Euterpe oleracea</i>): A Potential New Dye for Vitreoretinal Surgery. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 746-753.	0.6	5
87	Peripapillary haemorrhagic retinal pigment epithelium detachment following radial optic neurotomy. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 672-674.	1.3	4
88	Transconjunctival 20-Gauge Vitrectomy: A Pilot Study. <i>Ophthalmologica</i> , 2009, 223, 12-16.	1.0	4
89	Scleral Incisions Evaluated By with Anterior Segment Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2009, 148, 321.	1.7	4
90	The use of vital dyes during vitreoretinal surgery â€“ chromovitrectomy. , 2010, , 331-335.		4

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91	Effectiveness of monthly and fortnightly anti-VEGF treatments for age-related macular degeneration. <i>Arquivos Brasileiros De Oftalmologia</i> , 2019, 82, 225-232.	0.2	4
92	Photodynamic Therapy of Presumed Choroidal Metastasis Secondary to Colorectal Carcinoma: Literature Review. <i>Case Reports in Ophthalmological Medicine</i> , 2020, 2020, 1-7.	0.3	4
93	Anterior segment anomaly on optical coherence tomography. <i>Acta Ophthalmologica</i> , 2005, 83, 118-119.	0.4	3
94	Difference Between Bevel-Up and Bevel-Down 23-Gauge One-Step Incisions: Analysis of Anterior Chamber Optical Coherence Tomography and IOP. <i>Retina</i> , 2010, 30, 521-523.	1.0	3
95	DEVELOPMENT AND INITIAL EXPERIENCE WITH A COLORED PERFLUOROCARBON LIQUID FOR INTRAOCULAR TAMPONADE IN VITREORETINAL SURGERY. <i>Retina</i> , 2014, 34, 1103-1111.	1.0	3
96	INTRAVITREAL INJECTIONS OF ZIV-AFLIBERCEPT FOR THE TREATMENT OF A PATIENT WITH MACULAR EDEMA SECONDARY TO BRANCH RETINAL VEIN OCCLUSION. <i>Retinal Cases and Brief Reports</i> , 2018, 12, 93-96.	0.3	3
97	Antiangiogenic effect of intravitreal curcumin in experimental model of proliferative retinopathy. <i>Acta Ophthalmologica</i> , 2020, 98, e132-e133.	0.6	3
98	Preclinical assessment of intravitreal ramucirumab: in vitro and in vivo safety profile. <i>International Journal of Retina and Vitreous</i> , 2020, 6, .	0.9	3
99	Retina and ocular toxicity to ocular application of drugs. , 2010, , 96-103.		2
100	COMPARISON OF 20-, 23-, AND 25-GAUGE AIR INFUSION FORCES. <i>Retina</i> , 2011, 31, 2002-2006.	1.0	2
101	Incidence and regression of Charles Bonnet syndrome in vascular age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2011, 95, 1173-1174.	2.1	2
102	Migration, Integration, Survival, and Differentiation of Stem Cell-Derived Neural Progenitors in the Retina in a Pharmacological Model of Retinal Degeneration. <i>ISRN Ophthalmology</i> , 2013, 2013, 1-4.	1.7	2
103	Comparative Study Between Lidocaine Gel 2% and 5% for Ophthalmic Procedures. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2016, 32, 192-195.	0.6	2
104	Preliminary study of rabbits as an animal model of mammalian eye transplantation and literature review. <i>Revista Brasileira De Oftalmologia</i> , 2022, 81, .	0.1	2
105	Non-contiguous recurrence or secondary choroidal melanoma following plaque radiotherapy. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 657-660.	1.3	1
106	Development of an Experimental Model of Proliferative Retinopathy by Intravitreal Injection of VEGF165. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014, 30, 752-756.	0.6	1
107	Implantes eletrÃ³nicos para restabelecimento da visÃ£o em cegos. <i>Arquivos Brasileiros De Oftalmologia</i> , 2004, 67, 359-369.	0.2	1
108	Optical Coherence Tomography in Ophthalmology. <i>Journal of Ophthalmology</i> , 2012, 2012, 1-1.	0.6	0

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109	Laudatio for Professor Peter Kroll. Ophthalmologica, 2007, 221, 75-76.	1.0	0
110	DEDICATION AND ACKNOWLEDGMENTS. , 2010, , xix-xix.		0
111	Anofalmia bilateral como defeito congÃªnito isolado: uma abordagem etiolÃ³gica e psicossocial. Revista Brasileira De Oftalmologia, 2011, 70, 243-247.	0.1	0