Gustavo B Melo

List of Publications by Year
in descending order

61 papers	1,782 citations	331670 21 h-index	330143 37 g-index
66 all docs	66 docs citations	66 times ranked	1853 citing authors

#	Article	IF	Citations
1	Corneal Reconstruction with Tissue-Engineered Cell Sheets Composed of Human Immature Dental Pulp Stem Cells. , 2010, 51, 1408.		228
2	Therapeutic monoclonal antibodies in ophthalmology. Progress in Retinal and Eye Research, 2009, 28, 117-144.	15.5	144
3	The Use of Vital Dyes in Ocular Surgery. Survey of Ophthalmology, 2009, 54, 576-617.	4.0	116
4	Human immature dental pulp stem cells share key characteristic features with limbal stem cells. Cell Proliferation, 2009, 42, 587-594.	5.3	115
5	Retinal and Ocular Toxicity in Ocular Application of Drugs and Chemicals â€“ Part II: Retinal Toxicity of Current and New Drugs. Ophthalmic Research, 2010, 44, 205-224.	1.9	70
6	Detection and Gram Discrimination of Bacterial Pathogens from Aqueous and Vitreous Humor Using Real-Time PCR Assays. Investigative Ophthalmology and Visual Science, 2011, 52, 873-881.	3.3	68
7	Microbial profile and antibiotic susceptibility of culture-positive bacterial endophthalmitis. Eye, 2011, 25, 382-388.	2.1	60
8	Ability of New Vital Dyes to Stain Intraocular Membranes and Tissues in Ocular Surgery. American Journal of Ophthalmology, 2010, 149, 265-277.	3.3	56
9	Comparison of Optic Disk and Retinal Nerve Fiber Layer Thickness in Nonglaucomatous and Glaucomatous Patients With High Myopia. American Journal of Ophthalmology, 2006, 142, 858-860.	3.3	54
10	Mechanisms of sterile inflammation after intravitreal injection of antiangiogenic drugs: a narrative review. International Journal of Retina and Vitreous, 2021, 7, 37.	1.9	53
11	Critical analysis of techniques and materials used in devices, syringes, and needles used for intravitreal injections. Progress in Retinal and Eye Research, 2021, 80, 100862.	15.5	51
12	Acute endophthalmitis following intravitreal bevacizumab (Avastin) injection. Eye, 2007, 21, 408-409.	2.1	46
13	Vitritis and Outer Retinal Abnormalities in a Patient with COVID-19. Ocular Immunology and Inflammation, 2020, 28, 1298-1300.	1.8	42
14	Intravitreal injection of bevacizumab for cystoid macular edema in retinitis pigmentosa. Acta Ophthalmologica, 2007, 85, 461-463.	0.3	39
15	Dual Role of Intravitreous Infliximab in Experimental Choroidal Neovascularization: Effect on the Expression of Sulfated Glycosaminoglycans. , 2009, 50, 5487.		39
16	CLINICAL FACTORS RELATED TO VISUAL OUTCOME IN CENTRAL SEROUS CHORIORETINOPATHY. Retina, 2010, 30, 1128-1134.	1.7	37
17	Intravitreal bevacizumab for exudative age-related macular degeneration after multiple treatments. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 215-220.	1.9	34
18	Inflammatory Reaction After Aflibercept Intravitreal Injections Associated With Silicone Oil Droplets Released From Syringes: A Case-Control Study. Ophthalmic Surgery Lasers and Imaging Retina, 2019, 50, 288-294.	0.7	34

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19	Postoperative Subconjunctival Corticosteroid Injection to Prevent Pterygium Recurrence. Cornea, 2008, 27, 406-410.	1.7	31
20	Release of silicone oil and the off-label use of syringes in ophthalmology. British Journal of Ophthalmology, 2020, 104, 291-296.	3.9	29
21	Release of silicone oil droplets from syringes. International Journal of Retina and Vitreous, 2019, 5, 1.	1.9	28
22	Assessment of the use of cryopreserved x freeze-dried amniotic membrane (AM) for reconstruction of ocular surface in rabbit model. Arquivos Brasileiros De Oftalmologia, 2008, 71, 669-673.	0.5	25
23	Effect of the aqueous extract of Sida cordifolia on liver regeneration after partial hepatectomy. Acta Cirurgica Brasileira, 2006, 21, 37-39.	0.7	22
24	Intravitreal bevacizumab for occult choroidal neovascularization with pigment epithelium detachment in age-related macular degeneration. Acta Ophthalmologica, 2006, 84, 713-714.	0.3	21
25	Real-time polymerase chain reaction test to discriminate between contamination and intraocular infection after cataract surgery. Journal of Cataract and Refractive Surgery, 2011, 37, 1244-1250.	1.5	18
26	Synthetic Peptide-Acrylate Surface for Self-Renewal of Human Retinal Progenitor Cells. Tissue Engineering - Part C: Methods, 2013, 19, 265-270.	2.1	18
27	Incidence of endophthalmitis after cataract surgery (2002-2008) at a Brazilian university-hospital. Arquivos Brasileiros De Oftalmologia, 2010, 73, 505-507.	0.5	18
28	Tuberculosis of the cystic duct lymph node. Brazilian Journal of Infectious Diseases, 2004, 8, 112-114.	0.6	18
29	Toxicological considerations for intravitreal drugs. Expert Opinion on Drug Metabolism and Toxicology, 2011, 7, 1021-1034.	3.3	17
30	Prevalence of silicone oil droplets in eyes treated with intravitreal injection. International Journal of Retina and Vitreous, 2019, 5, 34.	1.9	17
31	Needles as a source of silicone oil during intravitreal injection. Eye, 2019, 33, 1025-1027.	2.1	17
32	TOXICITY AND RETINAL PENETRATION OF INFLIXIMAB IN PRIMATES. Retina, 2012, 32, 606-612.	1.7	16
33	Falciform ligament abscess: report of a case. Revista Do Hospital Das Clinicas, 2003, 58, 37-38.	0.5	15
34	Photodynamic therapy with verteporfin combined with intravitreal injection of bevacizumab for exudative age-related macular degeneration. Acta Ophthalmologica, 2006, 84, 831-833.	0.3	14
35	Abnormal vascular and neural retinal morphology in congenital lifetime isolated growth hormone deficiency. Growth Hormone and IGF Research, 2016, 30-31, 11-15.	1.1	12
36	Ocular findings in adult subjects with an inactivating mutation in GH releasing hormone receptor gene. Growth Hormone and IGF Research, 2017, 34, 8-12.	1.1	9

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37	Enhancement of Liver Regeneration by the Association of Hyptis pectinata with Laser Therapy. Digestive Diseases and Sciences, 2005, 50, 949-954.	2.3	8
38	Agitation of the syringe and release of silicone oil. Eye, 2020, 34, 2242-2248.	2.1	8
39	Silicone oilâ€free syringes, siliconized syringes and needles: quantitative assessment of silicone oil release with drugs used for intravitreal injection. Acta Ophthalmologica, 2021, 99, e1366-e1374.	1.1	7
40	The risks behind the widespread use of siliconized syringes in the healthcare practice. International Journal of Retina and Vitreous, 2021, 7, 66.	1.9	7
41	Effect of the aqueous extract of Hyptis pectinata on liver mitochondrial respiration. Phytomedicine, 2005, 12, 359-362.	5.3	6
42	Perfil epidemiolÃ³gico dos pacientes na lista de espera para transplante de cÃ³rnea no Estado de Sergipe. Arquivos Brasileiros De Oftalmologia, 2004, 67, 613-616.	0.5	6
43	Efeito do extrato aquoso da Hyptis pectinata sobre a proliferaÃ§Ã£o de hepatÃ³citos apÃ³s hepatectomia parcial. Acta Cirurgica Brasileira, 2002, 17, 101-105.	0.7	6
44	Ocular inflammation after agitation of siliconized and silicone oil-free syringes: a randomized, double-blind, controlled clinical trial. International Journal of Retina and Vitreous, 2022, 8, .	1.9	6
45	Proliferative effect of the aqueous extract of Hyptis pectinata on liver regeneration after partial hepatectomy in rats. Acta Cirurgica Brasileira, 2006, 21, 33-36.	0.7	5
46	Silicone-rich syringes can cause granuloma-rich reactions in platelet-rich plasma injections. JAAD Case Reports, 2020, 6, 751-752.	0.8	5
47	Macular microhole and foveal red spot syndrome: a critical review of the literature. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1685-1694.	1.9	5
48	Quantitative evaluation of experimental choroidal neovascularization by confocal scanning laser ophthalmoscopy: fluorescein angiogram parallels heparan sulfate proteoglycan expression. Brazilian Journal of Medical and Biological Research, 2010, 43, 627-633.	1.5	5
49	Silicone oil found in syringes commonly used for intravitreal injections. Arquivos Brasileiros De Oftalmologia, 2019, 82, 354-355.	0.5	5
50	Staining Properties of Brilliant Blue Depending on Different Incubation Times and Solvents in Humans. Ophthalmologica, 2013, 230, 68-72.	1.9	4
51	Photodynamic Therapy of Presumed Choroidal Metastasis Secondary to Colorectal Carcinoma: Literature Review. Case Reports in Ophthalmological Medicine, 2020, 2020, 1-7.	0.5	4
52	High particle variability across siliconized and oil-free syringes and needles from the same lots. Scientific Reports, 2021, 11, 4645.	3.3	3
53	A Silicone Oil-Free Syringe Tailored for Intravitreal Injection of Biologics. Frontiers in Ophthalmology, 2022, 2, .	0.5	3
54	Splenic artery ligation and distal splenorenal shunt in schistosomiasis. Journal of Surgical Research, 2004, 121, 108-111.	1.6	1

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55	Pulsed-field gel electrophoresis in the identification of the origin of bacterial keratitis caused by Pseudomonas aeruginosa. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 245, 1053-1054.	1.9	1
56	Optical Coherence Tomography Angiography Findings in Diffuse Unilateral Subacute Neuroretinitis. Ophthalmic Surgery Lasers and Imaging Retina, 2020, 51, 76-83.	0.7	1
57	Survey among retina specialists in Brazil about inflammatory reactions after intravitreal antiangiogenic therapy. Arquivos Brasileiros De Oftalmologia, 2020, 83, 175-179.	0.5	1
58	Pulsed field gel electrophoresis of chromosomal bacterial DNA in the investigation of infectious endophthalmitis. British Journal of Ophthalmology, 2006, 90, 916-917.	3.9	0
59	In-vitro assessment of release of silicone oil droplets with the use of variety of syringes and needles used in intravitreal injections. European Journal of Ophthalmology, 2022, 32, 1037-1043.	1.3	0
60	Efeito analgÃ©sico da mÃºsica durante a fotocoagulaÃ§Ã£o retinal a laser em diabÃ©ticos: Um estudo cruzado, randomizado e controlado por placebo. Research, Society and Development, 2021, 10, e52610616181.	0.1	0
61	Ophthalmologic screening in 510 students of public schools: development of a comprehensive social project. Revista Brasileira De Oftalmologia, 2018, 77, .	0.1	0