

Slvia Ligrio Fialho

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.

81
papers

1,001
citations

16
h-index

28
g-index

94
ext. papers

1,220
ext. citations

3.1
avg, IF

4.25
L-index

#	Paper	IF	Citations
81	Molecular genetics and emerging therapies for retinitis pigmentosa: Basic research and clinical perspectives. <i>Progress in Retinal and Eye Research</i> , 2018 , 63, 107-131	20.5	191
80	New vehicle based on a microemulsion for topical ocular administration of dexamethasone. <i>Clinical and Experimental Ophthalmology</i> , 2004 , 32, 626-32	2.4	104
79	Dexamethasone-loaded poly(epsilon-caprolactone) intravitreal implants: a pilot study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 68, 637-46	5.7	65
78	Manufacturing techniques of biodegradable implants intended for intraocular application. <i>Drug Delivery</i> , 2005 , 12, 109-16	7	43
77	Poly-epsilon-caprolactone intravitreal devices: an in vivo study 2009 , 50, 2312-8		39
76	Safety and pharmacokinetics of an intravitreal biodegradable implant of dexamethasone acetate in rabbit eyes. <i>Current Eye Research</i> , 2006 , 31, 525-34	2.9	39
75	Implants as drug delivery devices for the treatment of eye diseases. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010 , 46, 585-595	1.8	33
74	Pharmacokinetic and toxicity investigations of a new intraocular lens with a dexamethasone drug delivery system: a pilot study. <i>Ophthalmologica</i> , 2006 , 220, 338-42	3.7	27
73	Anti-Inflammatory Effect of Dexamethasone Controlled Released From Anterior Suprachoroidal Polyurethane Implants on Endotoxin-Induced Uveitis in Rats 2016 , 57, 1671-9		24
72	Evaluation of water-in-oil-in-water multiple emulsion and microemulsion as potential adjuvants for immunization with rabies antigen. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 43, 378-85	5.1	21
71	Tacrolimus-loaded PLGA implants: in vivo release and ocular toxicity. <i>Current Eye Research</i> , 2014 , 39, 99-102	2.9	20
70	Development and evaluation of sustained-release etoposide-loaded poly(epsilon-caprolactone) implants. <i>AAPS PharmSciTech</i> , 2013 , 14, 890-900	3.9	20
69	Montmorillonite clay based polyurethane nanocomposite as substrate for retinal pigment epithelial cell growth. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 1309-17	4.5	17
68	Efficacy of methotrexate-loaded poly(epsilon-caprolactone) implants in Ehrlich solid tumor-bearing mice. <i>Drug Delivery</i> , 2013 , 20, 168-79	7	17
67	Solid state evaluation of some thalidomide raw materials. <i>International Journal of Pharmaceutics</i> , 2009 , 372, 17-23	6.5	16
66	In vivo evaluation of antitumoral and antiangiogenic effect of imiquimod-loaded polymeric nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 103, 1107-1114	7.5	15
65	Biodegradable core-shell electrospun nanofibers containing bevacizumab to treat age-related macular degeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2018 , 29, 173	4.5	12

64	Evaluation of the effects of thalidomide-loaded biodegradable devices in solid Ehrlich tumor. <i>Biomedicine and Pharmacotherapy</i> , 2013 , 67, 129-32	7.5	11
63	Evaluation of the pharmacokinetics and ocular tolerance of a microemulsion containing tacrolimus. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014 , 30, 59-65	2.6	11
62	Development of a method to quantify clindamycin in vitreous humor of rabbits'eyes by UPLC-MS/MS: application to a comparative pharmacokinetic study and in vivo ocular biocompatibility evaluation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 102, 346-52	3.5	10
61	Characterization of Tenofovir Disoproxil Fumarate and Its Behavior under Heating. <i>Crystal Growth and Design</i> , 2015 , 15, 1915-1922	3.5	9
60	Etoposide-Loaded Poly(Lactic-co-Glycolic Acid) Intravitreal Implants: In Vitro and In Vivo Evaluation. <i>AAPS PharmSciTech</i> , 2018 , 19, 1652-1661	3.9	9
59	Vitreous pharmacokinetics and electroretinographic findings after intravitreal injection of acyclovir in rabbits. <i>Clinics</i> , 2012 , 67, 931-7	2.3	9
58	Surface functionalized mesoporous silica nanoparticles for intravitreal application of tacrolimus. <i>Journal of Biomaterials Applications</i> , 2021 , 35, 1019-1033	2.9	8
57	Adjuvant Thalidomide and Metronomic Chemotherapy for the Treatment of Canine Malignant Mammary Gland Neoplasms. <i>In Vivo</i> , 2018 , 32, 1659-1666	2.3	8
56	Sirolimus-loaded biodegradable implants induce long lasting anti-inflammatory and antiangiogenic effects. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 44, 373-379	4.5	7
55	Anti-Toxoplasma activity and impact evaluation of lyophilization, hot molding process, and gamma-irradiation techniques on CLH-PLGA intravitreal implants. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 10	4.5	7
54	Kinetic study of anti-HIV drugs by thermal decomposition analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 127, 577-585	4.1	7
53	Toxicity and in vivo release profile of sirolimus from implants into the vitreous of rabbits'eyes. <i>Documenta Ophthalmologica</i> , 2019 , 138, 3-19	2.2	7
52	Ocular safety of Intravitreal Clindamycin Hydrochloride Released by PLGA Implants. <i>Pharmaceutical Research</i> , 2017 , 34, 1083-1092	4.5	6
51	Intravitreal injection of polysorbate 80: a functional and morphological study. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , 2017 , 44, 603-611	0.5	6
50	Kinetics studies of the degradation of sirolimus in solid state and in liquid medium. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 1653-1661	4.1	6
49	PLGA Implants containing vancomycin and dexamethasone: development, characterization and bactericidal effects. <i>Die Pharmazie</i> , 2016 , 71, 439-446	1.5	6
48	Central nervous system (CNS) tumor cell heterogeneity contributes to differential platinum-based response in an in vitro 2D and 3D cell culture approach. <i>Experimental and Molecular Pathology</i> , 2020 , 116, 104520	4.4	6
47	Absence of significant adverse events following thalidomide administration in bitches diagnosed with mammary gland carcinomas. <i>Veterinary Record</i> , 2016 , 179, 514	0.9	6

46	Stability-indicating UHPLC method for determination of nevirapine in its bulk form and tablets: identification of impurities and degradation kinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 126, 103-8	3.5	6
45	Mixing method influence on compatibility and polymorphism studies by DSC and statistical analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 131, 2123-2128	4.1	6
44	Safety and in vivo release of fluconazole-loaded implants in rabbits eyes. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 35, 323-326	4.5	5
43	Pharmacokinetics, electrophysiological, and morphological effects of the intravitreal injection of mycophenolic acid in rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014 , 30, 502-11	2.6	5
42	In vivo release and retinal toxicity of cyclosporine-loaded intravitreal device. <i>Documenta Ophthalmologica</i> , 2015 , 131, 207-14	2.2	5
41	Assessing the maxillary sinus mucosa of rabbits in the presence of biodegradable implants. <i>Brazilian Journal of Otorhinolaryngology</i> , 2012 , 78, 40-6	1.6	5
40	Positively charged polymeric nanoparticles improve ocular penetration of tacrolimus after topical administration. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 101912	4.5	5
39	Rosmarinic Acid Intravitreal Implants: A New Therapeutic Approach for Ocular Neovascularization. <i>Planta Medica</i> , 2020 , 86, 1286-1297	3.1	5
38	Assessment of the safety of intravitreal injection of metoprolol tartrate in rabbits. <i>Documenta Ophthalmologica</i> , 2021 , 142, 75-85	2.2	5
37	Antiangiogenic activity of a bevacizumab-loaded polyurethane device in animal neovascularization models. <i>Journal Francais D'Ophtalmologie</i> , 2017 , 40, 202-208	0.8	4
36	Systematic evaluation of the impact of solid-state polymorphism on the bioavailability of thalidomide. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 136, 104937	5.1	4
35	Intravitreal thalidomide ameliorates inflammation in a model of experimental uveitis induced by BCG. <i>International Immunopharmacology</i> , 2020 , 81, 106129	5.8	4
34	Comparison of [¹⁸ F]Fluorocholine and [¹⁸ F]Fluorodesoxyglucose for assessment of progression, lung metastasis detection and therapy response in murine 4T1 breast tumor model. <i>Applied Radiation and Isotopes</i> , 2018 , 140, 278-288	1.7	4
33	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
32	Development and validation of a High Performance Liquid Chromatographic method for determination of etoposide in biodegradable polymeric implants. <i>Quimica Nova</i> , 2012 , 35, 1239-1243	1.6	4
31	Development of thalidomide-loaded biodegradable devices and evaluation of the effect on inhibition of inflammation and angiogenesis after subcutaneous application. <i>Biomedicine and Pharmacotherapy</i> , 2015 , 71, 21-8	7.5	3
30	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
29	Poly-ε-caprolactone microspheres containing interferon alpha as alternative formulations for the treatment of chronic hepatitis C. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2012 , 48, 51-59	1.8	3

28	Thalidomide Treatment in a Canine Mammary Gland Carcinosarcoma Presenting Pulmonary Metastasis. <i>Advances in Animal and Veterinary Sciences</i> , 2017 , 5, 120-126	2.8	3
27	Analysis of acyclovir in vitreous humor by a validated HPLC method. <i>Die Pharmazie</i> , 2013 , 68, 235-9	1.5	3
26	Quality of bevacizumab (Avastin®) repacked in single-use glass vials for intravitreal administration. <i>Arquivos Brasileiros De Oftalmologia</i> , 2017 , 80, 108-113	1.1	2
25	Permeability and in vivo distribution of poly(ε-caprolactone) nanoparticles loaded with zidovudine. <i>Journal of Nanoparticle Research</i> , 2018 , 20, 1	2.3	2
24	Chemical Interactions Study of Antiretroviral Drugs Efavirenz and Lamivudine Concerning the Development of Stable Fixed-Dose Combination Formulations for AIDS Treatment. <i>Journal of the Brazilian Chemical Society</i> , 2013 ,	1.5	2
23	Intoxicação no transporte ocular de drogas. <i>Arquivos Brasileiros De Oftalmologia</i> , 2004 , 67, 839-845	1.1	2
22	Epithelial-to-mesenchymal transition markers are differentially expressed in epithelial cancer cell lines after everolimus treatment. <i>Oncology Letters</i> , 2020 , 20, 158	2.6	2
21	Successful growth of fresh retinoblastoma cells in chorioallantoic membrane. <i>International Journal of Retina and Vitreous</i> , 2020 , 6, 33	2.9	2
20	Licarin A as a Novel Drug for Inflammatory Eye Diseases. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2021 , 37, 290-300	2.6	2
19	Tissue response evaluation of the mucosa of the tympanic cavity of guinea pigs, when receiving biodegradable implant. <i>Acta Cirurgica Brasileira</i> , 2014 , 29 Suppl 1, 12-8	1.6	1
18	Evaluation of different adjuvants formulations for bluetongue vaccine. <i>Brazilian Archives of Biology and Technology</i> , 2013 , 56, 932-941	1.8	1
17	Sistema de liberação contendo ciclosporina para o tratamento de ceratoconjuntivite seca: estudo preliminar. <i>Revista Brasileira De Oftalmologia</i> , 2013 , 72, 232-236	1.8	1
16	Quantification of Sodium Alendronate by LC Anion Exchange Using In Line Complexation. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2009 , 32, 2857-2865	1.3	1
15	Study of the Release Potential of the Antibiotic Gentamicin from Microspheres of BCP. <i>Key Engineering Materials</i> , 2011 , 493-494, 269-274	0.4	1
14	Neuroprotective Effect of siRNA Entrapped in Hyaluronic Acid-Coated Lipoplexes by Intravitreal Administration. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
13	Intravitreal ketamine promotes neuroprotection in rat eyes after experimental ischemia. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 133, 110948	7.5	1
12	UHPLC for quality evaluation of genuine and illegal medicines containing sildenafil citrate and tadalafil. <i>Journal of Chromatographic Science</i> , 2021 , 59, 30-39	1.4	1
11	Ischemia-induced retinal injury is attenuated by Neurospina, a peptide from the venom of the social wasp <i>Polybia occidentalis</i> . <i>Neuropeptides</i> , 2021 , 85, 102113	3.3	1

10	Sirolimus-Loaded Intravitreal Implant for Effective Treatment of Experimental Uveitis. <i>AAPS PharmSciTech</i> , 2021 , 22, 35	3.9	o
9	Human Stem Cell-Derived Retinal Pigment Epithelial Cells as a Model for Drug Screening and Pre-Clinical Assays Compared to ARPE-19 Cell Line. <i>International Journal of Stem Cells</i> , 2021 , 14, 74-84	3	o
8	Intravitreal lupeol: A new potential therapeutic strategy for noninfectious uveitis. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 143, 112145	7.5	o
7	Low-dose melittin is safe for intravitreal administration and ameliorates inflammation in an experimental model of uveitis. <i>Current Research in Pharmacology and Drug Discovery</i> , 2022 , 100107	3	o
6	Influence of SARS-CoV-2 inactivation by different chemical reagents on the humoral response evaluated in a murine model. <i>Molecular Immunology</i> , 2022 , 147, 199-208	4.3	o
5	Pathophysiological Effects of <i>Lycosa erythrognatha</i> Derived Peptide LyeTxI-b on RKO-AS-45-1 Colorectal Carcinoma Cell Line Using the Chicken Chorioallantoic Membrane Model. <i>International Journal of Peptide Research and Therapeutics</i> , 2022 , 28, 1	2.1	
4	Markers to sensibility and relapse on IMR-32 neuroblastoma cell line cultured in monolayer (2D) and neurosphere (3D) models cisplatin-treated.. <i>Acta Histochemica</i> , 2022 , 124, 151849	2	
3	Use of a slow-release intravitreal clindamycin implant for the management of ocular toxoplasmosis. <i>American Journal of Ophthalmology Case Reports</i> , 2021 , 22, 101093	1.3	
2	Phenotypic changes on central nervous system (CNS) tumor cell lines cultured in vitro 2D and 3D models and treated with cisplatin. <i>Acta Histochemica</i> , 2021 , 123, 151768	2	
1	Evaluation of the immunomodulatory activity of thalidomide on tumor-associated macrophages in the 4T1 murine metastatic breast cancer model. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2021 , 73, 1334-1345	0.3	