

# Sã-lvia Ligã³rio Fialho

## List of Publications by Year in descending order

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88  
papers

1,428  
citations

471371

17  
h-index

395590

33  
g-index

94  
all docs

94  
docs citations

94  
times ranked

2076  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.3	301
2	New vehicle based on a microemulsion for topical ocular administration of dexamethasone. <i>Clinical and Experimental Ophthalmology</i> , 2004, 32, 626-632.	1.3	133
3	Dexamethasone-loaded poly( $\hat{\mu}$ -caprolactone) intravitreal implants: A pilot study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 68, 637-646.	2.0	76
4	Manufacturing Techniques of Biodegradable Implants Intended for Intraocular Application. <i>Drug Delivery</i> , 2005, 12, 109-116.	2.5	59
5	Safety and Pharmacokinetics of an Intravitreal Biodegradable Implant of Dexamethasone Acetate in Rabbit Eyes. <i>Current Eye Research</i> , 2006, 31, 525-534.	0.7	46
6	Poly- $\hat{\mu}$ -Caprolactone Intravitreal Devices: An In Vivo Study. , 2009, 50, 2312.		43
7	Implants as drug delivery devices for the treatment of eye diseases. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010, 46, 585-595.	1.2	42
8	Pharmacokinetic and Toxicity Investigations of a New Intraocular Lens with a Dexamethasone Drug Delivery System: A Pilot Study. <i>Ophthalmologica</i> , 2006, 220, 338-342.	1.0	31
9	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.	1.7	29
10	Development and Evaluation of Sustained-Release Etoposide-Loaded Poly( $\hat{\mu}$ -Caprolactone) Implants. <i>AAPS PharmSciTech</i> , 2013, 14, 890-900.	1.5	27
11	Anti-Inflammatory Effect of Dexamethasone Controlled Released From Anterior Suprachoroidal Polyurethane Implants on Endotoxin-Induced Uveitis in Rats. , 2016, 57, 1671.		26
12	In vivo evaluation of antitumoral and antiangiogenic effect of imiquimod-loaded polymeric nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1107-1114.	2.5	25
13	Tacrolimus-Loaded PLGA Implants: <i>In Vivo</i> Release and Ocular Toxicity. <i>Current Eye Research</i> , 2014, 39, 99-102.	0.7	24
14	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, 378-385.	1.9	23
15	Montmorillonite clay based polyurethane nanocomposite as substrate for retinal pigment epithelial cell growth. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1309-1317.	1.7	23
16	Efficacy of methotrexate-loaded poly( $\hat{\mu}$ -caprolactone) implants in Ehrlich solid tumor-bearing mice. <i>Drug Delivery</i> , 2013, 20, 168-179.	2.5	22
17	Characterization of Tenofovir Disoproxil Fumarate and Its Behavior under Heating. <i>Crystal Growth and Design</i> , 2015, 15, 1915-1922.	1.4	20
18	Solid state evaluation of some thalidomide raw materials. <i>International Journal of Pharmaceutics</i> , 2009, 372, 17-23.	2.6	19

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19	Positively charged polymeric nanoparticles improve ocular penetration of tacrolimus after topical administration. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101912.	1.4	17
20	Evaluation of the Pharmacokinetics and Ocular Tolerance of a Microemulsion Containing Tacrolimus. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014, 30, 59-65.	0.6	16
21	Surface functionalized mesoporous silica nanoparticles for intravitreal application of tacrolimus. <i>Journal of Biomaterials Applications</i> , 2021, 35, 1019-1033.	1.2	16
22	Etoposide-Loaded Poly(Lactic-co-Glycolic Acid) Intravitreal Implants: In Vitro and In Vivo Evaluation. <i>AAPS PharmSciTech</i> , 2018, 19, 1652-1661.	1.5	14
23	Adjuvant Thalidomide and Metronomic Chemotherapy for the Treatment of Canine Malignant Mammary Gland Neoplasms. <i>In Vivo</i> , 2018, 32, 1659-1666.	0.6	14
24	Evaluation of the effects of thalidomide-loaded biodegradable devices in solid Ehrlich tumor. <i>Biomedicine and Pharmacotherapy</i> , 2013, 67, 129-132.	2.5	12
25	Development of a method to quantify clindamycin in vitreous humor of rabbits's 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, 346-352.	1.4	12
26	Absence of significant adverse events following thalidomide administration in bitches diagnosed with mammary gland carcinomas. <i>Veterinary Record</i> , 2016, 179, 514-514.	0.2	10
27	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, 103-108.	1.4	10
28	Ocular safety of Intravitreal Clindamycin Hydrochloride Released by PLGA Implants. <i>Pharmaceutical Research</i> , 2017, 34, 1083-1092.	1.7	10
29	Toxicity and in vivo release profile of sirolimus from implants into the vitreous of rabbits's eyes. <i>Documenta Ophthalmologica</i> , 2019, 138, 3-19.	1.0	10
30	Rosmarinic Acid Intravitreal Implants: A New Therapeutic Approach for Ocular Neovascularization. <i>Planta Medica</i> , 2020, 86, 1286-1297.	0.7	10
31	PLGA Implants containing vancomycin and dexamethasone: development, characterization and bactericidal effects. <i>Die Pharmazie</i> , 2016, 71, 439-446.	0.3	10
32	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.	1.7	9
33	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.	0.9	9
34	Assessment of the safety of intravitreal injection of metoprolol tartrate in rabbits. <i>Documenta Ophthalmologica</i> , 2021, 142, 75-85.	1.0	9
35	Vitreous pharmacokinetics and electroretinographic findings after intravitreal injection of acyclovir in rabbits. <i>Clinics</i> , 2012, 67, 931-937.	0.6	9
36	Pharmacokinetics, Electrophysiological, and Morphological Effects of the Intravitreal Injection of Mycophenolic Acid in Rabbits. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014, 30, 502-511.	0.6	8

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37	Safety and in vivo release of fluconazole-loaded implants in rabbits' eyes. Journal of Drug Delivery Science and Technology, 2016, 35, 323-326.	1.4	8
38	Kinetic study of anti-HIV drugs by thermal decomposition analysis. Journal of Thermal Analysis and Calorimetry, 2017, 127, 577-585.	2.0	8
39	Comparison of [18F]Fluorocholine and [18F]Fluorodesoxyglucose for assessment of progression, lung metastasis detection and therapy response in murine 4T1 breast tumor model. Applied Radiation and Isotopes, 2018, 140, 278-288.	0.7	8
40	Intravitreal thalidomide ameliorates inflammation in a model of experimental uveitis induced by BCG. International Immunopharmacology, 2020, 81, 106129.	1.7	8
41	Kinetics studies of the degradation of sirolimus in solid state and in liquid medium. Journal of Thermal Analysis and Calorimetry, 2017, 130, 1653-1661.	2.0	7
42	Intravitreal injection of polysorbate 80: a functional and morphological study. Revista Do Colegio Brasileiro De Cirurgioes, 2017, 44, 603-611.	0.3	7
43	Sirolimus-loaded biodegradable implants induce long lasting anti-inflammatory and antiangiogenic effects. Journal of Drug Delivery Science and Technology, 2018, 44, 373-379.	1.4	7
44	Mixing method influence on compatibility and polymorphism studies by DSC and statistical analysis. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2123-2128.	2.0	7
45	Neuroprotective Effect of siRNA Entrapped in Hyaluronic Acid-Coated Lipoplexes by Intravitreal Administration. Pharmaceutics, 2021, 13, 845.	2.0	7
46	Assessing the maxillary sinus mucosa of rabbits in the presence of biodegradable implants. Brazilian Journal of Otorhinolaryngology, 2012, 78, 40-46.	0.4	6
47	Development and validation of a High Performance Liquid Chromatographic method for determination of etoposide in biodegradable polymeric implants. Quimica Nova, 2012, 35, 1239-1243.	0.3	6
48	In vivo release and retinal toxicity of cyclosporine-loaded intravitreal device. Documenta Ophthalmologica, 2015, 131, 207-214.	1.0	6
49	Systematic evaluation of the impact of solid-state polymorphism on the bioavailability of thalidomide. European Journal of Pharmaceutical Sciences, 2019, 136, 104937.	1.9	6
50	Licarin A as a Novel Drug for Inflammatory Eye Diseases. Journal of Ocular Pharmacology and Therapeutics, 2021, 37, 290-300.	0.6	6
51	Carboxymethylcellulose biofunctionalized ternary quantum dots for subcellular-targeted brain cancer nanotheranostics. International Journal of Biological Macromolecules, 2022, 210, 530-544.	3.6	6
52	In vivo release and retinal safety of intravitreal implants of thalidomide in rabbit eyes and antiangiogenic effect on the chorioallantoic membrane. Journal of Drug Targeting, 2013, 21, 837-845.	2.1	5
53	Chemical Interactions Study of Antiretroviral Drugs Efavirenz and Lamivudine Concerning the Development of Stable Fixed-Dose Combination Formulations for AIDS Treatment. Journal of the Brazilian Chemical Society, 2013, , .	0.6	5
54	Evaluation of different adjuvants formulations for bluetongue vaccine. Brazilian Archives of Biology and Technology, 2013, 56, 932-941.	0.5	4

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55	Antiangiogenic activity of a bevacizumab-loaded polyurethane device in animal neovascularization models. <i>Journal Francais D'Ophthalmologie</i> , 2017, 40, 202-208.	0.2	4
56	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.	0.3	4
57	Sirolimus-Loaded Intravitreal Implant for Effective Treatment of Experimental Uveitis. <i>AAPS PharmSciTech</i> , 2021, 22, 35.	1.5	4
58	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.	1.0	4
59	Poly-�-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.	1.2	3
60	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, 21-28.	2.5	3
61	Successful growth of fresh retinoblastoma cells in chorioallantoic membrane. <i>International Journal of Retina and Vitreous</i> , 2020, 6, 33.	0.9	3
62	Intravitreal ketamine promotes neuroprotection in rat eyes after experimental ischemia. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110948.	2.5	3
63	UHPLC for quality evaluation of genuine and illegal medicines containing sildenafil citrate and tadalafil. <i>Journal of Chromatographic Science</i> , 2021, 59, 30-39.	0.7	3
64	Ischemia-induced retinal injury is attenuated by Neurovespina, a peptide from the venom of the social wasp <i>Polybia occidentalis</i> . <i>Neuropeptides</i> , 2021, 85, 102113.	0.9	3
65	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.	0.8	3
66	Intravitreal lupeol: A new potential therapeutic strategy for noninfectious uveitis. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112145.	2.5	3
67	Thalidomide Treatment in a Canine Mammary Gland Carcinosarcoma Presenting Pulmonary Metastasis. <i>Advances in Animal and Veterinary Sciences</i> , 2017, 5, 120-126.	0.1	3
68	Analysis of acyclovir in vitreous humor by a validated HPLC method. <i>Die Pharmazie</i> , 2013, 68, 235-9.	0.3	3
69	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, 3, 100107.	1.7	3
70	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	2
71	Sistema de libera�o contendo ciclosporina para o tratamento de ceratoconjuntivite seca: estudo preliminar. <i>Revista Brasileira De Oftalmologia</i> , 2013, 72, 232-236.	0.1	2
72	Quality of bevacizumab (Avastin�) repacked in single-use glass vials for intravitreal administration. <i>Arquivos Brasileiros De Oftalmologia</i> , 2017, 80, 108-113.	0.2	2

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73	Permeability and in vivo distribution of poly( $\epsilon$ -caprolactone) nanoparticles loaded with zidovudine. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	2
74	Compatibility by a Nonisothermal Kinetic Study of Azathioprine Associated with Usual Excipients in the Product Quality Review Process. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
75	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.	0.4	2
76	Discriminatory Dissolution Test for Tablets Containing a- and b-Thalidomide Polymorphs. <i>Dissolution Technologies</i> , 2013, 20, 19-25.	0.2	2
77	Iontoforese no transporte ocular de drogas. <i>Arquivos Brasileiros De Oftalmologia</i> , 2004, 67, 839-845.	0.2	2
78	Epithelial-to-mesenchymal transition markers are differentially expressed in epithelial cancer cell lines after everolimus treatment. <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	2
79	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.	0.5	1
80	Tissue response evaluation of the mucosa of the tympanic cavity of guinea pigs, when receiving biodegradable implant. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 12-18.	0.3	1
81	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.	0.9	1
82	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.	0.9	1
83	Development and chemical characterization of biodegradable polymeric implants containing sirolimus for the treatment of malignant solid tumors. <i>Die Pharmazie</i> , 2019, 74, 221-226.	0.3	1
84	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.	0.9	0
85	DEVELOPMENT AND VALIDATION OF A HIGH PERFORMANCE LIQUID CHROMATOGRAPHIC METHOD DETERMINATION OF ZIDOVUDINE ENCAPSULATED IN PCL NANOPARTICLES. <i>Drug Analytical Research</i> , 2017, 1, 1-8.	0.2	0
86	Delay of neuropathic pain sensitization after application of dexamethasone-loaded implant in sciatic nerve-injured rats. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 55, .	1.2	0
87	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.	0.1	0
88	Antiangiogenic potential of small polypeptide sequences: In vivo assays, cytotoxicity, synthetic approaches and influence of C-terminal carboxyamidation. <i>Journal of Molecular Structure</i> , 2022, 1265, 133493.	1.8	0