LÃºcia Helena Faccioli

List of Publications by Year
in descending order

248 papers	6,843 citations	70961 41 h-index	106150 65 g-index
263 all docs	263 docs citations	263 times ranked	8381 citing authors

#	Article	IF	Citations
1	Therapy of tuberculosis in mice by DNA vaccination. Nature, 1999, 400, 269-271.	13.7	434
2	Anti-inflammatory activity of quercetin and isoquercitrin in experimental murine allergic asthma. Inflammation Research, 2007, 56, 402-408.	1.6	274
3	The uptake of PLGA micro or nanoparticles by macrophages provokes distinct in vitro inflammatory response. International Immunopharmacology, 2011, 11, 1557-1563.	1.7	191
4	Recombinant interleukin-1 and tumor necrosis factor induce neutrophil migration â€œin vivoâ€•by indirect mechanisms. Agents and Actions, 1990, 30, 344-349.	0.7	129
5	Anti-inflammatory effects of Lafoensia pacari and ellagic acid in a murine model of asthma. European Journal of Pharmacology, 2008, 580, 262-270.	1.7	119
6	Circulating Interleukinâ€6 and Highâ€Sensitivity Câ€Reactive Protein Decrease After Periodontal Therapy in Otherwise Healthy Subjects. Journal of Periodontology, 2009, 80, 594-602.	1.7	118
7	Opposing roles of LTB4 and PGE2 in regulating the inflammasome-dependent scorpion venom-induced mortality. Nature Communications, 2016, 7, 10760.	5.8	95
8	Blockade of Endogenous Leukotrienes Exacerbates Pulmonary Histoplasmosis. Infection and Immunity, 2004, 72, 1637-1644.	1.0	84
9	Protection against tuberculosis by a single intranasal administration of DNA-hsp65 vaccine complexed with cationic liposomes. BMC Immunology, 2008, 9, 38.	0.9	82
10	Immunotherapy with plasmid DNA encoding mycobacterial hsp65 in association with chemotherapy is a more rapid and efficient form of treatment for tuberculosis in mice. Gene Therapy, 2005, 12, 281-287.	2.3	81
11	Effects of natural aging and gender on pro-inflammatory markers. Brazilian Journal of Medical and Biological Research, 2019, 52, e8392.	0.7	81
12	Anti-Inflammatory Effects of Ellagic Acid on Acute Lung Injury Induced by Acid in Mice. Mediators of Inflammation, 2013, 2013, 1-13.	1.4	80
13	Synthetic Prostacyclin Analogs Differentially Regulate Macrophage Function via Distinct Analog-Receptor Binding Specificities. Journal of Immunology, 2007, 178, 1628-1634.	0.4	78
14	Role of Trehalose Dimycolate in Recruitment of Cells and Modulation of Production of Cytokines and NO in Tuberculosis. Infection and Immunity, 2001, 69, 5305-5312.	1.0	75
15	Circulating matrix metalloproteinase-8 (MMP-8) and MMP-9 are increased in chronic periodontal disease and decrease after non-surgical periodontal therapy. Clinica Chimica Acta, 2009, 409, 117-122.	0.5	75
16	TLR2, TLR4 and CD14 Recognize Venom-Associated Molecular Patterns from Tityus serrulatus to Induce Macrophage-Derived Inflammatory Mediators. PLoS ONE, 2014, 9, e88174.	1.1	74
17	Chlorogenic acids from Tithonia diversifolia demonstrate better anti-inflammatory effect than indomethacin and its sesquiterpene lactones. Journal of Ethnopharmacology, 2011, 136, 355-362.	2.0	73
18	Inflammatory response to different endodontic irrigating solutions. International Endodontic Journal, 2002, 35, 735-739.	2.3	72

#	Article	IF	Citations
19	Leukotrienes Play a Role in the Control of Parasite Burden in Murine Strongyloidiasis. Journal of Immunology, 2005, 175, 3892-3899.	0.4	71
20	Anti-inflammatory, analgesic and anti-oedematous effects of Lafoensia pacari extract and ellagic acid. Journal of Pharmacy and Pharmacology, 2010, 58, 1265-1273.	1.2	69
21	Tityus serrulatus venom and toxins Ts1, Ts2 and Ts6 induce macrophage activation and production of immune mediators. Toxicon, 2011, 57, 1101-1108.	0.8	68
22	Inhibition of leukotriene biosynthesis abrogates the host control of Mycobacterium tuberculosis. Microbes and Infection, 2007, 9, 483-489.	1.0	64
23	Expression of Mineralization Markers during Pulp Response to Biodentine and Mineral Trioxide Aggregate. Journal of Endodontics, 2016, 42, 596-603.	1.4	63
24	Mapping of the structural determinants of artificial and biological membrane damaging activities of a Lys49 phospholipase A2 by scanning alanine mutagenesis. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 1247-1257.	1.4	61
25	Specific Leukotriene Receptors Couple to Distinct G Proteins to Effect Stimulation of Alveolar Macrophage Host Defense Functions. Journal of Immunology, 2007, 179, 5454-5461.	0.4	60
26	Histoplasma capsulatum Cell Wall Î²-Glucan Induces Lipid Body Formation through CD18, TLR2, and Dectin-1 Receptors: Correlation with Leukotriene B4 Generation and Role in HIV-1 Infection. Journal of Immunology, 2009, 182, 4025-4035.	0.4	57
27	Leukotrienes are involved in leukocyte recruitment induced by live Histoplasma capsulatum or by the Î²-glucan present in their cell wall. British Journal of Pharmacology, 1999, 128, 1529-1537.	2.7	55
28	Hyaluronidase Modulates Inflammatory Response and Accelerates the Cutaneous Wound Healing. PLoS ONE, 2014, 9, e112297.	1.1	55
29	Propolis: lymphocyte proliferation and IFN-Î³ production. Journal of Ethnopharmacology, 2003, 87, 93-97.	2.0	53
30	Blockade of hyperalgesia and neurogenic oedema by topical application of nitroglycerin. European Journal of Pharmacology, 1992, 217, 207-209.	1.7	52
31	IL-5 drives eosinophils from bone marrow to blood and tissues in a guinea-pig model of visceral larva migrans syndrome. Mediators of Inflammation, 1996, 5, 24-31.	1.4	51
32	Hyaluronidase recruits mesenchymal-like cells to the lung and ameliorates fibrosis. Fibrogenesis and Tissue Repair, 2011, 4, 3.	3.4	50
33	Leukotriene B4Enhances Innate Immune Defense against the Puerperal Sepsis AgentStreptococcus pyogenes. Journal of Immunology, 2013, 190, 1614-1622.	0.4	50
34	Characterization of the memory/activated Tâ€ƒcells that mediate the long-lived host response against tuberculosis after bacillus Calmette-GuÃ©rin or DNA vaccination. Immunology, 1999, 97, 573-581.	2.0	49
35	Time course of acute-phase response induced by Tityus serrulatus venom and TsTX-I in mice. International Immunopharmacology, 2003, 3, 765-774.	1.7	49
36	Leukotrienes Are Potent Adjuvant during Fungal Infection: Effects on Memory T Cells. Journal of Immunology, 2008, 181, 8544-8551.	0.4	49

#	ARTICLE	IF	CITATIONS
37	Microparticles prepared with 50â€“190 kDa chitosan as promising non-toxic carriers for pulmonary delivery of isoniazid. Carbohydrate Polymers, 2017, 174, 421-431.	5.1	49
38	Strongyloides venezuelensis alkaline extract for the diagnosis of human strongyloidiasis by enzyme-linked immunosorbent assay. Memorias Do Instituto Oswaldo Cruz, 2003, 98, 849-851.	0.8	48
39	Silencing of mitochondrial alternative oxidase gene of Aspergillus fumigatus enhances reactive oxygen species production and killing of the fungus by macrophages. Journal of Bioenergetics and Biomembranes, 2008, 40, 631-636.	1.0	48
40	The activity of medicinal plants and secondary metabolites on eosinophilic inflammation. Pharmacological Research, 2010, 62, 298-307.	3.1	48
41	Ts6 and Ts2 from Tityus serrulatus venom induce inflammation by mechanisms dependent on lipid mediators and cytokine production. Toxicon, 2013, 61, 1-10.	0.8	47
42	Anti-Inflammatory Properties of Menthol and Menthone in Schistosoma mansoni Infection. Frontiers in Pharmacology, 2016, 7, 170.	1.6	47
43	TLR2-dependent mast cell activation contributes to the control of Mycobacterium tuberculosis infection. Microbes and Infection, 2009, 11, 770-778.	1.0	44
44	CR-LAAO, an L-amino acid oxidase from Calloselasma rhodostoma venom, as a potential tool for developing novel immunotherapeutic strategies against cancer. Scientific Reports, 2017, 7, 42673.	1.6	44
45	Effects of two serine proteases from Bothrops pirajai snake venom on the complement system and the inflammatory response. International Immunopharmacology, 2013, 15, 764-771.	1.7	43
46	Effective transcutaneous immunization using a combination of iontophoresis and nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2439-2448.	1.7	42
47	Global proteomic and functional analysis of Crotalus durissus collilineatus individual venom variation and its impact on envenoming. Journal of Proteomics, 2019, 191, 153-165.	1.2	42
48	5-Lipoxygenase Deficiency Impairs Innate and Adaptive Immune Responses during Fungal Infection. PLoS ONE, 2012, 7, e31701.	1.1	42
49	Adhesion molecules and differentiation syndrome: phenotypic and functional analysis of the effect of ATRA, As2O3, phenylbutyrate, and G-CSF in acute promyelocytic leukemia. Haematologica, 2007, 92, 1615-1622.	1.7	39
50	Comparison of different delivery systems of DNA vaccination for the induction of protection against tuberculosis in mice and guinea pigs. Genetic Vaccines and Therapy, 2007, 5, 2.	1.5	37
51	Dormant 5-lipoxygenase in inflammatory macrophages is triggered by exogenous arachidonic acid. Scientific Reports, 2017, 7, 10981.	1.6	37
52	Lipoxin A4 encapsulated in PLGA microparticles accelerates wound healing of skin ulcers. PLoS ONE, 2017, 12, e0182381.	1.1	37
53	ATP-induced apoptosis involves a Ca2+-independent phospholipase A2 and 5-lipoxygenase in macrophages. Prostaglandins and Other Lipid Mediators, 2009, 88, 51-61.	1.0	35
54	Nanobiotechnological Approaches to Delivery of DNA Vaccine Against Fungal Infection. Journal of Biomedical Nanotechnology, 2013, 9, 221-230.	0.5	35

#	ARTICLE	IF	CITATIONS
55	Eicosanoid pathway on host resistance and inflammation during Mycobacterium tuberculosis infection is comprised by LTB4 reduction but not PGE2 increment. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165574.	1.8	35
56	GM-CSF Priming Drives Bone Marrow-Derived Macrophages to a Pro-Inflammatory Pattern and Downmodulates PGE2 in Response to TLR2 Ligands. PLoS ONE, 2012, 7, e40523.	1.1	35
57	Differential correlation between interleukin patterns in disseminated and chronic human paracoccidioidomycosis. Clinical and Experimental Immunology, 1995, 101, 314-320.	1.1	34
58	Inflammatory response to calcium hydroxide based root canal sealers. Journal of Endodontics, 1997, 23, 86-90.	1.4	34
59	Lafoensia pacari extract inhibits IL-5 production in toxocariasis. Parasite Immunology, 2003, 25, 393-400.	0.7	34
60	Topical anti-inflammatory activity of yacon leaf extracts. Revista Brasileira De Farmacognosia, 2013, 23, 497-505.	0.6	34
61	Immune cells and mediators involved in the inflammatory responses induced by a P-I metalloprotease and a phospholipase A2 from Bothrops atrox venom. Molecular Immunology, 2017, 85, 238-247.	1.0	34
62	Helminth Coinfection Does Not Affect Therapeutic Effect of a DNA Vaccine in Mice Harboring Tuberculosis. PLoS Neglected Tropical Diseases, 2010, 4, e700.	1.3	33
63	Anti-asthmatic potential of a d-galactose-binding lectin from Synadenium carinatum latex. Glycobiology, 2007, 17, 795-804.	1.3	32
64	HSP65 DNA as therapeutic strategy to treat experimental paracoccidioidomycosis. Vaccine, 2010, 28, 1528-1534.	1.7	32
65	Mycobacterium tuberculosis expressing phospholipase C subverts PGE2 synthesis and induces necrosis in alveolar macrophages. BMC Microbiology, 2014, 14, 128.	1.3	32
66	Histoplasma capsulatum Inhibits Apoptosis and Mac-1 Expression in Leucocytes. Scandinavian Journal of Immunology, 2002, 56, 392-398.	1.3	31
67	DNAhsp65 vaccination induces protection in mice against Paracoccidioides brasiliensis infection. Vaccine, 2009, 27, 606-613.	1.7	31
68	A new l-amino acid oxidase from Bothrops jararacussu snake venom: Isolation, partial characterization, and assessment of pro-apoptotic and antiprotozoal activities. International Journal of Biological Macromolecules, 2017, 103, 25-35.	3.6	31
69	Cytotoxic and inflammatory potential of a phospholipase A2 from Bothrops jararaca snake venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 33.	0.8	31
70	Control of experimental pulmonary tuberculosis depends more on immunostimulatory leukotrienes than on the absence of immunosuppressive prostaglandins. Prostaglandins Leukotrienes and Essential Fatty Acids, 2011, 85, 75-81.	1.0	30
71	Evaluation of the local inflammatory events induced by BpirMP, a metalloproteinase from Bothrops pirajai venom. Molecular Immunology, 2015, 68, 456-464.	1.0	30
72	Scorpion envenomation and inflammation: Beyond neurotoxic effects. Toxicon, 2019, 167, 174-179.	0.8	30

#	ARTICLE	IF	CITATIONS
73	Histamine modulates mast cell degranulation through an indirect mechanism in a model IgE-mediated reaction. European Journal of Immunology, 2006, 36, 1494-1503.	1.6	29
74	Dexamethasone Effects in the Strongyloides venezuelensis Infection in A Murine Model. American Journal of Tropical Medicine and Hygiene, 2011, 84, 957-966.	0.6	29
75	Dual Role of 5-Lipoxygenase in Osteoclastogenesis inÂBacterial-induced Apical Periodontitis. Journal of Endodontics, 2016, 42, 447-454.	1.4	29
76	Investigating possible biological targets of Bj-CRP, the first cysteine-rich secretory protein (CRISP) isolated from Bothrops jararaca snake venom. Toxicology Letters, 2017, 265, 156-169.	0.4	29
77	Immunological signature of the different clinical stages of the HTLV-1 infection: establishing serum biomarkers for HTLV-1-associated disease morbidity. Biomarkers, 2015, 20, 502-512.	0.9	28
78	The inhibition of 5-Lipoxygenase (5-LO) products leukotriene B4 (LTB 4) and cysteinyl leukotrienes (cysLTs) modulates the inflammatory response and improves cutaneous wound healing. Clinical Immunology, 2018, 190, 74-83.	1.4	28
79	sTREM-1 Predicts Disease Severity and Mortality in COVID-19 Patients: Involvement of Peripheral Blood Leukocytes and MMP-8 Activity. Viruses, 2021, 13, 2521.	1.5	28
80	Matrix Metalloproteinases on Severe COVID-19 Lung Disease Pathogenesis: Cooperative Actions of MMP-8/MMP-2 Axis on Immune Response through HLA-G Shedding and Oxidative Stress. Biomolecules, 2022, 12, 604.	1.8	28
81	Serrumab: A human monoclonal antibody that counters the biochemical and immunological effects ofTityus serrulatusvenom. Journal of Immunotoxicology, 2012, 9, 173-183.	0.9	27
82	Comprehensive high-resolution multiple-reaction monitoring mass spectrometry for targeted eicosanoid assays. Scientific Data, 2018, 5, 180167.	2.4	27
83	Nitric oxide production in blowfly hemolymph after yeast inoculation. Nitric Oxide - Biology and Chemistry, 2005, 13, 240-246.	1.2	26
84	A crucial role for IL-6 in the CNS of rats during fever induced by the injection of live E. coli. Medical Microbiology and Immunology, 2012, 201, 47-60.	2.6	26
85	Celecoxib Improves Host Defense through Prostaglandin Inhibition duringHistoplasma capsulatumInfection. Mediators of Inflammation, 2013, 2013, 1-11.	1.4	26
86	The Leukotriene B4/BLT1 Axis Is a Key Determinant in Susceptibility and Resistance to Histoplasmosis. PLoS ONE, 2014, 9, e85083.	1.1	26
87	Electrophysiological characterization of the first Tityus serrulatus alpha-like toxin, Ts5: Evidence of a pro-inflammatory toxin on macrophages. Biochimie, 2015, 115, 8-16.	1.3	26
88	PPAR-Î³ activation by Tityus serrulatus venom regulates lipid body formation and lipid mediator production. Toxicon, 2015, 93, 90-97.	0.8	26
89	Plasma eicosanoid profiles determined by high-performance liquid chromatography coupled with tandem mass spectrometry in stimulated peripheral blood from healthy individuals and sickle cell anemia patients in treatment. Analytical and Bioanalytical Chemistry, 2016, 408, 3613-3623.	1.9	26
90	Moojenactivase, a novel pro-coagulant PIIId metalloprotease isolated from Bothrops moojeni snake venom, activates coagulation factors II and X and induces tissue factor up-regulation in leukocytes. Archives of Toxicology, 2016, 90, 1261-1278.	1.9	26

#	ARTICLE	IF	CITATIONS
91	Efficacy of cell-free antigens in evaluating cell immunity and inducing protection in a murine model of histoplasmosis. Microbes and Infection, 2005, 7, 584-592.	1.0	25
92	In vitro and in vivo activities of leukotriene B4-loaded biodegradable microspheres. Prostaglandins and Other Lipid Mediators, 2007, 83, 121-129.	1.0	25
93	Strongyloides venezuelensis: The antigenic identity of eight strains for the immunodiagnosis of human strongyloidiasis. Experimental Parasitology, 2008, 119, 7-14.	0.5	25
94	Febrile response induced by cecal ligation and puncture (CLP) in rats: involvement of prostaglandin E2 and cytokines. Medical Microbiology and Immunology, 2012, 201, 219-229.	2.6	25
95	Prostaglandins D2 and E2 have opposite effects on alveolar macrophages infected with Histoplasma capsulatum. Journal of Lipid Research, 2018, 59, 195-206.	2.0	25
96	The Immune Response to Toxocariasis Does Not Modify Susceptibility to Mycobacterium tuberculosis Infection in BALB/c Mice. American Journal of Tropical Medicine and Hygiene, 2007, 77, 691-698.	0.6	24
97	Comparison of different delivery systems of vaccination for the induction of protection against tuberculosis in mice. Vaccine, 2001, 19, 3518-3525.	1.7	23
98	Hyaluronidase decreases neutrophils infiltration to the inflammatory site. Inflammation Research, 2016, 65, 533-542.	1.6	23
99	Highâ€resolution multiple reaction monitoring method for quantification of steroidal hormones in plasma. Journal of Mass Spectrometry, 2018, 53, 423-431.	0.7	23
100	Interleukin-1 receptor-induced PGE2 production controls acetylcholine-mediated cardiac dysfunction and mortality during scorpion envenomation. Nature Communications, 2020, 11, 5433.	5.8	23
101	Root canal contamination or exposure to lipopolysaccharide differentially modulate prostaglandin E 2 and leukotriene B 4 signaling in apical periodontitis. Journal of Applied Oral Science, 2020, 28, e20190699.	0.7	23
102	Mast Cells Modulate Pulmonary Acute Inflammation and Host Defense in a Murine Model of Tuberculosis. Journal of Infectious Diseases, 2007, 196, 1361-1368.	1.9	22
103	Budlein A from Viguiera robusta inhibits leukocyte-endothelial cell interactions, adhesion molecule expression and inflammatory mediators release. Phytomedicine, 2009, 16, 904-915.	2.3	22
104	Gram-negative periodontal pathogens and bacterial endotoxin in metallic orthodontic brackets with or without an antimicrobial agent: An in-vivo study. American Journal of Orthodontics and Dentofacial Orthopedics, 2011, 140, e281-e287.	0.8	22
105	Immunomodulatory activity of Tityus serrulatus scorpion venom on human T lymphocytes. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 46.	0.8	22
106	Baccharin and p-coumaric acid from green propolis mitigate inflammation by modulating the production of cytokines and eicosanoids. Journal of Ethnopharmacology, 2021, 278, 114255.	2.0	22
107	Comprehensive analysis of phenolics compounds in citrus fruits peels by UPLC-PDA and UPLC-Q/TOF MS using a fused-core column. Food Chemistry: X, 2022, 14, 100262.	1.8	22
108	Diagnosis of Human Strongyloidiasis Using Particulate Antigen of Two Strains of Strongyloides venezuelensis in Indirect Immunofluorescence Antibody Test. Experimental Parasitology, 2001, 99, 52-55.	0.5	21

#	ARTICLE	IF	CITATIONS
109	Leukotriene B4-loaded microspheres: a new therapeutic strategy to modulate cell activation. BMC Immunology, 2008, 9, 36.	0.9	21
110	Modulatory effects of rutin on biochemical and hematological parameters in hypercholesterolemic Golden Syrian hamsters. Anais Da Academia Brasileira De Ciencias, 2009, 81, 67-72.	0.3	21
111	The Effects of Proresolution of Ellagic Acid in an Experimental Model of Allergic Airway Inflammation. Mediators of Inflammation, 2013, 2013, 1-9.	1.4	21
112	Cooperative role of endogenous leucotrienes and plateletâ€activating factor in ischaemiaâ€“reperfusionâ€mediated tissue injury. Journal of Cellular and Molecular Medicine, 2013, 17, 1554-1565.	1.6	21
113	Interleukin-5 modulates interleukin-8 secretion in eosinophilic inflammation. Mediators of Inflammation, 1998, 7, 41-47.	1.4	20
114	Modulation of eosinophil generation and migration by Mangifera indica L. extract (VimangÂ®). International Immunopharmacology, 2006, 6, 1515-1523.	1.7	20
115	Counterregulation of Th2 immunity by interleukin 12 reduces host defenses against Strongyloides venezuelensis infection. Microbes and Infection, 2009, 11, 571-578.	1.0	20
116	Galatrox is a C-type lectin in Bothrops atrox snake venom that selectively binds LacNAc-terminated glycans and can induce acute inflammation. Glycobiology, 2014, 24, 1010-1021.	1.3	20
117	Microspheres prepared with different co-polymers of poly(lactic-glycolic acid) (PLGA) or with chitosan cause distinct effects on macrophages. Colloids and Surfaces B: Biointerfaces, 2015, 136, 678-686.	2.5	20
118	CD36 Shunts Eicosanoid Metabolism to Repress CD14 Licensed Interleukin-1Î² Release and Inflammation. Frontiers in Immunology, 2018, 9, 890.	2.2	20
119	Gr-1+ cells play an essential role in an experimental model of disseminated histoplasmosis. Microbes and Infection, 2007, 9, 1393-1401.	1.0	19
120	Involvement of Spinal Cannabinoid CB2 Receptors in Exercise-Induced Antinociception. Neuroscience, 2019, 418, 177-188.	1.1	19
121	Effects of 5-lipoxygenase gene disruption on inflammation, osteoclastogenesis and bone resorption in polymicrobial apical periodontitis. Archives of Oral Biology, 2020, 112, 104670.	0.8	19
122	Tumor necrosis factor and macrophage activation are important in clearance of Nocardia brasiliensis from the livers and spleens of mice. Infection and Immunity, 1992, 60, 3566-3570.	1.0	19
123	Biodegradable microspheres containing leukotriene B4 and cell-free antigens from Histoplasma capsulatum activate murine bone marrow-derived macrophages. European Journal of Pharmaceutical Sciences, 2011, 44, 580-588.	1.9	18
124	Performance and immune response of suckling calves fed organic selenium. Animal Feed Science and Technology, 2014, 188, 28-35.	1.1	18
125	Antiedematogenic Evaluation ofCopaifera langsdorffiiLeaves Hydroethanolic Extract and Its Major Compounds. BioMed Research International, 2015, 2015, 1-7.	0.9	17
126	LTB4 and PGE2 modulate the release of MIP-1Î± and IL-1Î² by cells stimulated with Bothrops snake venoms. Toxicon, 2018, 150, 289-296.	0.8	17

#	Article	IF	Citations
127	Acetylcholine, Fatty Acids, and Lipid Mediators Are Linked to COVID-19 Severity. Journal of Immunology, 2022, 209, 250-261.	0.4	17
128	COVID-19: Integrating the Complexity of Systemic and Pulmonary Immunopathology to Identify Biomarkers for Different Outcomes. Frontiers in Immunology, 2020, 11, 599736.	2.2	16
129	Differential release of MIP-1? and eotaxin during infection of mice by Histoplasma capsulatum or inoculation of ?-glucan. Inflammation Research, 2004, 53, 351-4.	1.6	15
130	Differential modulation of cell recruitment and acute edema in a model of Polybia paulista venom-induced inflammation. International Immunopharmacology, 2006, 6, 182-189.	1.7	15
131	Impact of MK886 on Eosinophil Counts and Phenotypic Features in Toxocariasis. Scandinavian Journal of Immunology, 2007, 65, 344-352.	1.3	15
132	Blocking central leukotrienes synthesis affects vasopressin release during sepsis. Neuroscience, 2009, 160, 829-836.	1.1	15
133	Immunological and parasitological parameters in Schistosoma mansoni-infected mice treated with crude extract from the leaves of Mentha x piperita L.. Immunobiology, 2014, 219, 627-632.	0.8	15
134	CD18 Regulates Monocyte Hematopoiesis and Promotes Resistance to Experimental Schistosomiasis. Frontiers in Immunology, 2018, 9, 1970.	2.2	15
135	Periapical bone response to bacterial lipopolysaccharide is shifted upon cyclooxygenase blockage. Journal of Applied Oral Science, 2019, 27, e20180641.	0.7	15
136	Insights into the structure, function and stability of bordonein-L, the first L-amino acid oxidase from Crotalus durissus terrificus snake venom. Biochimie, 2019, 163, 33-49.	1.3	15
137	Amblyomma sculptum Salivary PGE2 Modulates the Dendritic Cell-Rickettsia rickettsii Interactions in vitro and in vivo. Frontiers in Immunology, 2019, 10, 118.	2.2	15
138	Monocyte and Macrophage-Mediated Pathology and Protective Immunity During Schistosomiasis. Frontiers in Microbiology, 2020, 11, 1973.	1.5	15
139	Participation of interleukin-5, interleukin-8 and leukotriene B4 in eosinophil accumulation in two different experimental models. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 205-210.	0.8	15
140	Comparison of immune responses in mice infected with different strains of Strongyloides venezuelensis. Parasite Immunology, 2007, 29, 549-557.	0.7	14
141	Histamine Plays an Essential Regulatory Role in Lung Inflammation and Protective Immunity in the Acute Phase ofMycobacterium tuberculosisInfection. Infection and Immunity, 2009, 77, 5359-5368.	1.0	14
142	Cyclooxygenase-derived mediators regulate the immunological control ofStrongyloides venezuelensisinfection. FEMS Immunology and Medical Microbiology, 2010, 59, 18-32.	2.7	14
143	11-Oxoaerothionin isolated from the marine spongeAplysina fistularisshows anti-inflammatory activity in LPS-stimulated macrophages. Immunopharmacology and Immunotoxicology, 2012, 34, 919-924.	1.1	14
144	Physicochemical characterization by AFM, FT-IR and DSC and biological assays of a promising antileishmania delivery system loaded with a natural Brazilian product. Journal of Pharmaceutical and Biomedical Analysis, 2016, 123, 195-204.	1.4	14

#	ARTICLE	IF	CITATIONS
145	Leukotriene B4 is essential for lung host defence and alpha-defensin-1 production during Achromobacter xylosoxidans infection. Scientific Reports, 2017, 7, 17658.	1.6	14
146	Downmodulation of CD18 and CD86 on Macrophages and VLA-4 on Lymphocytes in Experimental Tuberculosis. Scandinavian Journal of Immunology, 2001, 54, 564-573.	1.3	13
147	Prostaglandin E2-loaded microspheres as strategy to inhibit phagocytosis and modulate inflammatory mediators release. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 784-790.	2.0	13
148	Characterization and in vitro activities of cell-free antigens from Histoplasma capsulatum-loaded biodegradable microspheres. European Journal of Pharmaceutical Sciences, 2009, 38, 548-555.	1.9	13
149	Effect of a leukotriene inhibitor (MK886) on nitric oxide and hydrogen peroxide production by macrophages of acutely and chronically stressed mice. Journal of Pharmacy and Pharmacology, 2010, 59, 1249-1254.	1.2	13
150	Prostaglandin D2-loaded microspheres effectively activate macrophage effector functions. European Journal of Pharmaceutical Sciences, 2015, 78, 132-139.	1.9	13
151	Non-disulfide-bridged peptides from Tityus serrulatus venom: Evidence for proline-free ACE-inhibitors. Peptides, 2016, 82, 44-51.	1.2	13
152	First report on BaltCRP, a cysteine-rich secretory protein (CRISP) from Bothrops alternatus venom: Effects on potassium channels and inflammatory processes. International Journal of Biological Macromolecules, 2019, 140, 556-567.	3.6	13
153	Suppressing nNOS Enzyme by Small-Interfering RNAs Protects SH-SY5Y Cells and Nigral Dopaminergic Neurons from 6-OHDA Injury. Neurotoxicity Research, 2019, 36, 117-131.	1.3	13
154	The immune response to toxocariasis does not modify susceptibility to Mycobacterium tuberculosis infection in BALB/c mice. American Journal of Tropical Medicine and Hygiene, 2007, 77, 691-8.	0.6	13
155	Participation of Interleukin-5 and Interleukin-8 in the Eosinophil Migration Induced by a Large Volume of Saline. International Archives of Allergy and Immunology, 1996, 111, 245-252.	0.9	12
156	Anti-eosinophilic effect of Lafoensia pacari in toxocariasis. Phytomedicine, 2008, 15, 348-357.	2.3	12
157	Versatility of tandem mass spectrometry for focused analysis of oxylipids. Journal of Mass Spectrometry, 2015, 50, 879-890.	0.7	12
158	Disseminated intravascular coagulation caused by moojenactivase, a procoagulant snake venom metalloprotease. International Journal of Biological Macromolecules, 2017, 103, 1077-1086.	3.6	12
159	Successful and failed mini-implants: microbiological evaluation and quantification of bacterial endotoxin. Journal of Applied Oral Science, 2018, 26, e20170631.	0.7	12
160	Pulmonary surfactant phosphatidylcholines induce immunological adaptation of alveolar macrophages. Molecular Immunology, 2020, 122, 163-172.	1.0	12
161	Effect of a calcium hydroxideâ€“based paste associated to chlorhexidine on RAW 264.7 macrophage cell line culture. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, e44-e51.	1.6	11
162	Leukotriene B4-loaded microspheres as a new approach to enhance antimicrobial responses in Histoplasma capsulatum-infected mice. International Journal of Antimicrobial Agents, 2009, 34, 365-369.	1.1	11

#	Article	IF	Citations
163	Therapeutic DNA Vaccine Reduces Schistosoma mansoniâ€“Induced Tissue Damage through Cytokine Balance and Decreased Migration of Myofibroblasts. American Journal of Pathology, 2011, 179, 223-229.	1.9	11
164	The Acute Phase ofTrypanosoma cruziInfection Is Attenuated in 5-Lipoxygenase-Deficient Mice. Mediators of Inflammation, 2014, 2014, 1-17.	1.4	11
165	Partial purification and functional characterization of Ts19 Frag-I, a novel toxin from Tityus serrulatus scorpion venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 49.	0.8	11
166	Hyaluronidase-Loaded PLGA Microparticles as a New Strategy for the Treatment of Pulmonary Fibrosis. Tissue Engineering - Part A, 2015, 21, 246-256.	1.6	11
167	Immunomodulatory activity of hyaluronidase is associated with metabolic adaptations during acute inflammation. Inflammation Research, 2020, 69, 105-113.	1.6	11
168	Disodium cromoglycate prevents ileum hyperreactivity to histamine in Toxocara canis-infected guinea pigs. Pharmacological Research, 2003, 48, 451-455.	3.1	10
169	Interleukin-5 mediates peritoneal eosinophilia induced by the F1 cell wall fraction of Histoplasma capsulatum. Brazilian Journal of Medical and Biological Research, 2004, 37, 343-346.	0.7	10
170	Leukotriene synthesis inhibitor decreases vasopressin release in the early phase of sepsis. Journal of Neuroimmunology, 2011, 238, 52-57.	1.1	10
171	Leukotrienes Are Upregulated and Associated with Human T-Lymphotropic Virus Type 1 (HTLV-1)-Associated Neuroinflammatory Disease. PLoS ONE, 2012, 7, e51873.	1.1	10
172	Cytotoxicity and cytokine expression induced by silorane and methacrylate-based composite resins. Journal of Applied Oral Science, 2016, 24, 338-343.	0.7	10
173	Modulation of Macrophage Responses by CMX, a Fusion Protein Composed of Ag85c, MPT51, and HspX from Mycobacterium tuberculosis. Frontiers in Microbiology, 2017, 8, 623.	1.5	10
174	Arctium lappa Extract Suppresses Inflammation and Inhibits Melanoma Progression. Medicines (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	10
175	Celecoxib treatment dampens LPSâ€induced periapical bone resorption in a mouse model. International Endodontic Journal, 2021, 54, 1289-1299.	2.3	10
176	Investigation of the endogenous chemoattractants involved in ¹¹¹Inâ€eosinophil accumulation in passive cutaneous anaphylactic reactions in the guineaâ€pig. British Journal of Pharmacology, 1994, 113, 35-42.	2.7	9
177	pcDNA-IL-12 vaccination blocks eosinophilic inflammation but not airway hyperresponsiveness following murine Toxocara canis infection. Vaccine, 2008, 26, 305-315.	1.7	9
178	Combined immunization using DNA-Sm14 and DNA-Hsp65 increases CD8+ memory T cells, reduces chronic pathology and decreases egg viability during Schistosoma mansoniinfection. BMC Infectious Diseases, 2014, 14, 263.	1.3	9
179	5-lipoxygenase pathway is essential for the control of granuloma extension induced by Schistosoma mansoni eggs in lung. Experimental Parasitology, 2016, 167, 124-129.	0.5	9
180	Plasma Eicosanoid Profile in Plasmodium vivax Malaria: Clinical Analysis and Impacts of Self-Medication. Frontiers in Immunology, 2019, 10, 2141.	2.2	9

#	ARTICLE	IF	CITATIONS
181	Investigation of the Involvement of the Endocannabinoid System in TENS-Induced Antinociception. Journal of Pain, 2020, 21, 820-835.	0.7	9
182	Multi-omic Analyses of Plasma Cytokines, Lipidomics, and Transcriptomics Distinguish Treatment Outcomes in Cutaneous Leishmaniasis. IScience, 2020, 23, 101840.	1.9	9
183	NLRC4 inhibits NLRP3 inflammasome and abrogates effective antifungal CD8+ TÂcell responses. IScience, 2021, 24, 102548.	1.9	9
184	Metabolic Profile in Plasma AND CSF of LEVODOPA-induced Dyskinesia in Parkinsonâ€™s Disease: Focus on Neuroinflammation. Molecular Neurobiology, 2022, 59, 1140-1150.	1.9	9
185	Th17 cell-linked mechanisms mediate vascular dysfunction induced by testosterone in a mouse model of gender-affirming hormone therapy. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 323, H322-H335.	1.5	9
186	Inhibitors of the 5-lipoxygenase arachidonic acid pathway induce ATP release and ATP-dependent organic cation transport in macrophages. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1967-1977.	1.4	8
187	Prostaglandin E2 Induces Expression of Mineralization Genes by Undifferentiated Dental Pulp Cells. Brazilian Dental Journal, 2019, 30, 201-207.	0.5	8
188	Phospholipids modifications in human hepatoma cell lines (HepG2) exposed to silver and iron oxide nanoparticles. Archives of Toxicology, 2020, 94, 2625-2636.	1.9	8
189	Dermatophagoides pteronyssinus-induced pro-inflammatory responses mediated via STAT3 and NF-kappaB signaling pathways in human bronchial epithelial cells â€“ Inhibitory effects of Lafoensia pacari and ellagic acid. Journal of Pharmacological Sciences, 2020, 142, 157-164.	1.1	8
190	Cytokines in the modulation of eosinophilia. Memorias Do Instituto Oswaldo Cruz, 1997, 92, 109-114.	0.8	8
191	Evidence for eosinophil recruitment, leukotriene B4 production and mast cell hyperplasia following Toxocara canis infection in rats. Brazilian Journal of Medical and Biological Research, 2011, 44, 319-326.	0.7	8
192	Crotoxin-Induced Mice Lung Impairment: Role of Nicotinic Acetylcholine Receptors and COX-Derived Prostanoids. Biomolecules, 2020, 10, 794.	1.8	8
193	Nitric oxide detection in cell culture exposed to LPS after Er:YAG laser irradiation. International Endodontic Journal, 2009, 42, 992-996.	2.3	7
194	Erythropoietin Exacerbates Inflammation and Increases the Mortality ofHistoplasma capsulatum-Infected Mice. Mediators of Inflammation, 2015, 2015, 1-11.	1.4	7
195	Protective Effect of Galectin-1 duringHistoplasma capsulatumInfection Is Associated with Prostaglandin E₂and Nitric Oxide Modulation. Mediators of Inflammation, 2016, 2016, 1-13.	1.4	7
196	The dual effect of paradoxical sleep deprivation on murine immune functions. Journal of Neuroimmunology, 2016, 290, 9-14.	1.1	7
197	Paradoxical Effect of LTB4 on the Regulation of Stress-Induced Corticosterone Production. Frontiers in Behavioral Neuroscience, 2019, 13, 73.	1.0	7
198	EP80317 Restrains Inflammation and Mortality Caused by Scorpion Envenomation in Mice. Frontiers in Pharmacology, 2019, 10, 171.	1.6	7

#	ARTICLE	IF	CITATIONS
199	Pioneering Study on Rhopalurus crassicauda Scorpion Venom: Isolation and Characterization of the Major Toxin and Hyaluronidase. Frontiers in Immunology, 2020, 11, 2011.	2.2	7
200	Interleukin-1 Receptor-Induced Nitric Oxide Production in the Pancreas Controls Hyperglycemia Caused by Scorpion Envenomation. Toxins, 2020, 12, 163.	1.5	7
201	A lipidomics approach reveals new insights into Crotalus durissus terrificus and Bothrops moojeni snake venoms. Archives of Toxicology, 2021, 95, 345-353.	1.9	7
202	Multifaceted effect of caffeic acid against Streptococcus mutans infection: microbicidal and immunomodulatory agent in macrophages. Archives of Microbiology, 2021, 203, 2979-2987.	1.0	7
203	InfluÃªncia do biofÃ¡rmaco DNA-hsp65 na lesÃ£o pulmonar induzida por bleomicina. Jornal Brasileiro De Pneumologia, 2008, 34, 891-899.	0.4	7
204	Interference of Dexamethasone in the Pulmonary Cycle of Strongyloides venezuelensis in Rats. American Journal of Tropical Medicine and Hygiene, 2008, 79, 571-578.	0.6	7
205	Effects of Papain-Based Gel Used For Caries Removal on Macrophages and Dental Pulp Cells. Brazilian Dental Journal, 2019, 30, 484-490.	0.5	7
206	Role of Resident Peritoneal Cells in Eosinophil Migration Induced by Saline. International Archives of Allergy and Immunology, 1994, 104, 323-331.	0.9	6
207	Suramin inhibits macrophage activation by human group IIA phospholipase A2, but does not affect bactericidal activity of the enzyme. Inflammation Research, 2009, 58, 210-217.	1.6	6
208	Impairment of Neutrophil Migration to Remote Inflammatory Site during Lung Histoplasmosis. BioMed Research International, 2015, 2015, 1-6.	0.9	6
209	Atheroregressive Potential of the Treatment with a Chimeric Monoclonal Antibody against Sulfated Glycosaminoglycans on Pre-existing Lesions in Apolipoprotein E-Deficient Mice. Frontiers in Pharmacology, 2017, 8, 782.	1.6	6
210	Nitric oxide synthase activity in tissues of the blowfly Chrysomya megacephala (Fabricius, 1794). Biocell, 2007, 31, 205-211.	0.4	6
211	Anti-inflammatory activity of Dasyphyllum brasiliensis (Asteraceae) on acute peritonitis induced by Î²-glucan from Histoplasma capsulatum. Journal of Ethnopharmacology, 2007, 112, 192-198.	2.0	5
212	Leukotrienes are not essential for the efficacy of a heterologous vaccine against Mycobacterium tuberculosis infection. Brazilian Journal of Medical and Biological Research, 2010, 43, 645-650.	0.7	5
213	The anti-oedematogenic effect of SRS as an additional factor in the mode of action of non-steroid anti-inflammatory drugs. European Journal of Pharmacology, 1985, 112, 153-160.	1.7	4
214	Effect of different methods of sterilization on the inactivation of bacterial endotoxin (LPS) in endodontic files. Brazilian Journal of Microbiology, 2007, 38, 270-272.	0.8	4
215	Dexamethasone reduces bronchial wall remodeling during pulmonary migration of Strongyloides venezuelensis larvae in rats. Parasitology International, 2012, 61, 425-430.	0.6	4
216	Toxocara canis and the allergic process. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 726-731.	0.8	4

#	ARTICLE	IF	CITATIONS
217	Expanding biological activities of Ts19 Frag-II toxin: Insights into IL-17 production. Toxicon, 2017, 134, 18-25.	0.8	4
218	Melatonin down-regulates steroidal hormones, thymocyte apoptosis and inflammatory cytokines in middle-aged T. cruzi infected rats. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165914.	1.8	4
219	Differential cytokine network profile in polycythemia vera and secondary polycythemia. Scientific Reports, 2020, 10, 7032.	1.6	4
220	IL-22 Promotes IFN-Î³-Mediated Immunity against Histoplasma capsulatum Infection. Biomolecules, 2020, 10, 865.	1.8	4
221	Cytotoxicity and Inflammatory Mediators Release by Macrophages Exposed to Real Seal XT and Sealapex Xpress. Brazilian Dental Journal, 2021, 32, 48-52.	0.5	4
222	Effect of non-steroidal anti-inflammatory drugs on pulpal and periapical inflammation induced by lipopolysaccharide. Clinical Oral Investigations, 2021, 25, 6201-6209.	1.4	4
223	CD14 regulates the metabolomic profiles of distinct macrophage subsets under steady and activated states. Immunobiology, 2022, 227, 152191.	0.8	4
224	Ultrasonically nebulized distilled water prevents exogenous histamine hyperreactivity in Toxocara canis-infected mice. Inflammation Research, 2005, 54, 243-248.	1.6	3
225	Neutrophils influx and proinflammatory cytokines inhibition by sodium salicylate, unlike aspirin, in Candida albicans-induced peritonitis model. Folia Microbiologica, 2016, 61, 337-346.	1.1	3
226	Highâ€resolution multiple reaction monitoring method for quantification of steroidal hormones in plasma. Journal of Mass Spectrometry, 2018, 53, ii.	0.7	3
227	The ethanolic extract of Terminalia argentea Mart. & Zucc. bark reduces the inflammation through the modulation of cytokines and nitric oxide mediated by the downregulation of NF-ÎºB. Journal of Ethnopharmacology, 2020, 261, 113150.	2.0	3
228	Targeted analysis of eicosanoids derived from cytochrome P450 pathway by highâ€resolution multipleâ€reaction monitoring mass spectrometry. Journal of Mass Spectrometry, 2021, 56, e4769.	0.7	3
229	Leukotriene B4 loaded in microspheres regulate the expression of genes related to odontoblastic differentiation and biomineralization by dental pulp stem cells. BMC Oral Health, 2022, 22, 45.	0.8	3
230	HIV-1 Gag and Vpr impair the inflammasome activation and contribute to the establishment of chronic infection in human primary macrophages. Molecular Immunology, 2022, 148, 68-80.	1.0	3
231	Trypanosoma cruzi: Effects of adrenalectomy during the acute phase of experimental infection. Experimental Parasitology, 2008, 120, 10-14.	0.5	2
232	Infectivity of Strongyloides venezuelensis is influenced by variations in temperature and time of culture. Experimental Parasitology, 2011, 127, 72-79.	0.5	2
233	Inhibition of inflammatory response in LPS induced macrophages by 9-KOTE and 13-KOTE produced by biotransformation. Enzyme and Microbial Technology, 2014, 58-59, 36-43.	1.6	2
234	Î²2 Integrin-Mediated Susceptibility to Paracoccidioides brasiliensis Experimental Infection in Mice. Frontiers in Cellular and Infection Microbiology, 2021, 11, 622899.	1.8	2

#	ARTICLE	IF	CITATIONS
235	Tumor necrosis factor, interferon-Ï„, interleukin-1 and 8, induce neuthrophil migration â€œin vivoâ€•by indirect mechanisms. European Journal of Pharmacology, 1990, 183, 2245-2246.	1.7	1
236	Cytokines, chemokines and leukotrienes profile and signature analysis in HTLV-1 infection as an evidence of disease progression. Retrovirology, 2014, 11, O37.	0.9	1
237	Participation of Leukotrienes in the Immune Modulation of Oral Tolerance. Frontiers in Microbiology, 2017, 8, 242.	1.5	1
238	Ã‰ possÃvel uma vacina gÃªnica auxiliar no controle da tuberculose?. Jornal Brasileiro De Pneumologia, 2004, 30, 378-387.	0.4	1
239	Effect of Smallanthus sonchifolius extracts on croton oil-induced oedema and neutrophil migration to the ear skin tissue of mice. Planta Medica, 2010, 76, .	0.7	1
240	M1 and M2 macrophages phenotypes modulation after stimuli with materials used in endodontic treatment. Brazilian Dental Journal, 2021, 32, 32-43.	0.5	1
241	Su.4. DNA Vaccine Reduces the Schistosoma mansoni-induced Tissue Damage. Clinical Immunology, 2008, 127, S125.	1.4	0
242	Su.30. Mycobacterium tuberculosis Infection is Diminished in Mice Immunized by Intranasal Route with a Novel Cationic Liposome Carrying DNA-hsp65. Clinical Immunology, 2008, 127, S134.	1.4	0
243	Evaluation of Environmental Mycobacteria Contamination in a Specific Pathogen Free Animal Facility from a Tropical Country. Zoonoses and Public Health, 2010, 57, 382-387.	0.9	0
244	Role of leukotrienes in resistance and susceptibility to infection by Histoplasma capsulatum. International Journal of Infectious Diseases, 2010, 14, e337.	1.5	0
245	Different clinical isolates of Mycobacterium tuberculosis induced distinctive pulmonary inflammation in mice. International Journal of Infectious Diseases, 2010, 14, e337-e338.	1.5	0
246	Immunological profile of CD18-deficient mice during Schistosoma mansoni infection. International Journal of Infectious Diseases, 2010, 14, e440.	1.5	0
247	Impact of HIV co-infection on immunological biomarker profile of HTLV-1 infected patients. Immunology Letters, 2021, 236, 68-77.	1.1	0
248	<b>DNA Vaccine for the Prevention and Treatment of Tuberculosis<b/>. Annual Review of Biomedical Sciences, 2006, 2, .	0.5	0