

Fernando Queiroz Cunha

List of Publications by Year in descending order

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432
papers

22,393
citations

7561

77
h-index

19169

118
g-index

444
all docs

444
docs citations

444
times ranked

27070
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2â€“triggered neutrophil extracellular traps mediate COVID-19 pathology. Journal of Experimental Medicine, 2020, 217, .	4.2	675
2	Inflammasomes are activated in response to SARS-CoV-2 infection and are associated with COVID-19 severity in patients. Journal of Experimental Medicine, 2021, 218, .	4.2	583
3	Involvement of resident macrophages and mast cells in the writhing nociceptive response induced by zymosan and acetic acid in mice. European Journal of Pharmacology, 2000, 387, 111-118.	1.7	458
4	Hypernociceptive role of cytokines and chemokines: Targets for analgesic drug development?. , 2006, 112, 116-138.		454
5	Interleukin-33 attenuates sepsis by enhancing neutrophil influx to the site of infection. Nature Medicine, 2010, 16, 708-712.	15.2	413
6	Paclitaxel Reduces Tumor Growth by Reprogramming Tumor-Associated Macrophages to an M1 Profile in a TLR4-Dependent Manner. Cancer Research, 2018, 78, 5891-5900.	0.4	283
7	Neutrophil Extracellular Traps Induce Organ Damage during Experimental and Clinical Sepsis. PLoS ONE, 2016, 11, e0148142.	1.1	282
8	Regulation of chemokine receptor by Toll-like receptor 2 is critical to neutrophil migration and resistance to polymicrobial sepsis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4018-4023.	3.3	278
9	Crucial role of neutrophils in the development of mechanical inflammatory hypernociception. Journal of Leukocyte Biology, 2008, 83, 824-832.	1.5	260
10	Production of nitric oxide and superoxide by activated macrophages and killing of Leishmania major. European Journal of Immunology, 1994, 24, 672-676.	1.6	247
11	IL-33 induces neutrophil migration in rheumatoid arthritis and is a target of anti-TNF therapy. Annals of the Rheumatic Diseases, 2010, 69, 1697-1703.	0.5	228
12	<i>Trypanosoma cruzi</i> â€“Infected Cardiomyocytes Produce Chemokines and Cytokines That Trigger Potent Nitric Oxideâ€“Dependent Trypanocidal Activity. Circulation, 2000, 102, 3003-3008.	1.6	225
13	NLRP3 inflammasomeâ€“mediated neutrophil recruitment and hypernociception depend on leukotriene B ₄ in a murine model of gout. Arthritis and Rheumatism, 2012, 64, 474-484.	6.7	202
14	NEUTROPHIL PARALYSIS IN SEPSIS. Shock, 2010, 34, 15-21.	1.0	195
15	THE ROLE OF NEUTROPHILS IN SEVERE SEPSIS. Shock, 2008, 30, 3-9.	1.0	193
16	Growth phase-dependent subcellular localization of nitric oxide synthase in maize cells. FEBS Letters, 1999, 445, 283-286.	1.3	190
17	Beneficial effects of colchicine for moderate to severe COVID-19: a randomised, double-blinded, placebo-controlled clinical trial. RMD Open, 2021, 7, e001455.	1.8	183
18	Morphine peripheral analgesia depends on activation of the PI3K ^{Î³} /AKT/nNOS/NO/K _{ATP} signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4442-4447.	3.3	181

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19	IL-33 contributes to sepsis-induced long-term immunosuppression by expanding the regulatory T cell population. <i>Nature Communications</i> , 2017, 8, 14919.	5.8	171
20	Peripheral analgesic blockade of hypernociception: Activation of arginine/NO/cGMP/protein kinase G/ATP-sensitive K ⁺ channel pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3680-3685.	3.3	168
21	IL-33 mediates antigen-induced cutaneous and articular hypernociception in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2723-2728.	3.3	168
22	IL-17 Receptor Signaling Is Required to Control Polymicrobial Sepsis. <i>Journal of Immunology</i> , 2009, 182, 7846-7854.	0.4	168
23	Paradoxical Roles of the Neutrophil in Sepsis: Protective and Deleterious. <i>Frontiers in Immunology</i> , 2016, 7, 155.	2.2	162
24	Periodontal Pathogens Directly Promote Autoimmune Experimental Arthritis by Inducing a TLR2- and IL-1 β -Driven Th17 Response. <i>Journal of Immunology</i> , 2014, 192, 4103-4111.	0.4	159
25	Nitric Oxide Synthase-Mediated Phytoalexin Accumulation in Soybean Cotyledons in Response to the <i>Diaporthe phaseolorum</i> sp. <i>meridionalis</i> Elicitor. <i>Plant Physiology</i> , 2002, 130, 1288-1297.	2.3	152
26	IL-17 mediates articular hypernociception in antigen-induced arthritis in mice. <i>Pain</i> , 2010, 148, 247-256.	2.0	152
27	Toll-like receptor 4 signaling leads to neutrophil migration impairment in polymicrobial sepsis*. <i>Critical Care Medicine</i> , 2006, 34, 461-470.	0.4	148
28	A crucial role for TNF α in mediating neutrophil influx induced by endogenously generated or exogenous chemokines, KC/CXCL1 and LIX/CXCL5. <i>British Journal of Pharmacology</i> , 2009, 158, 779-789.	2.7	145
29	Impaired neutrophil chemotaxis in sepsis associates with GRK expression and inhibition of actin assembly and tyrosine phosphorylation. <i>Blood</i> , 2006, 108, 2906-2913.	0.6	139
30	Quercetin Reduces Inflammatory Pain: Inhibition of Oxidative Stress and Cytokine Production. <i>Journal of Natural Products</i> , 2009, 72, 1975-1979.	1.5	138
31	Tumour necrosis factor- α , interleukin-1 β and interleukin-8 induce persistent mechanical nociceptor hypersensitivity. <i>Pain</i> , 2002, 96, 89-97.	2.0	137
32	Essential Role of CCR2 in Neutrophil Tissue Infiltration and Multiple Organ Dysfunction in Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 234-242.	2.5	137
33	Inhibition of Leukocyte Rolling by Nitric Oxide during Sepsis Leads to Reduced Migration of Active Microbicidal Neutrophils. <i>Infection and Immunity</i> , 2002, 70, 3602-3610.	1.0	135
34	Neutrophil migration in inflammation: nitric oxide inhibits rolling, adhesion and induces apoptosis. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 9, 153-164.	1.2	135
35	Heme oxygenase/carbon monoxide-biliverdin pathway down regulates neutrophil rolling, adhesion and migration in acute inflammation. <i>British Journal of Pharmacology</i> , 2006, 149, 345-354.	2.7	135
36	Failure of neutrophil chemotactic function in septic patients*. <i>Critical Care Medicine</i> , 2002, 30, 1056-1061.	0.4	131

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37	Down-regulation of CXCR2 on Neutrophils in Severe Sepsis Is Mediated by Inducible Nitric Oxide Synthase-derived Nitric Oxide. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 490-497.	2.5	130
38	Fractalkine mediates inflammatory pain through activation of satellite glial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11193-11198.	3.3	127
39	Low expression of CD39 on regulatory T cells as a biomarker for resistance to methotrexate therapy in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2509-2514.	3.3	125
40	MIP-1 α [CCL3] acting on the CCR1 receptor mediates neutrophil migration in immune inflammation via sequential release of TNF- α and LTB4. <i>Journal of Leukocyte Biology</i> , 2005, 78, 167-177.	1.5	124
41	Spinal cord oligodendrocyte-derived alarmin IL- β 3 mediates neuropathic pain. <i>FASEB Journal</i> , 2016, 30, 54-65.	0.2	121
42	Antinociceptive Effects of Interleukin-4, -10, and -13 on the Writhing Response in Mice and Zymosan-Induced Knee Joint Incapacitation in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 102-108.	1.3	120
43	Essential role of platelet-activating factor receptor in the pathogenesis of Dengue virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14138-14143.	3.3	119
44	PKM2 promotes Th17 cell differentiation and autoimmune inflammation by fine-tuning STAT3 activation. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	119
45	Prostaglandin mediates IL-23/IL-17-induced neutrophil migration in inflammation by inhibiting IL-12 and IFN γ production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5954-5959.	3.3	113
46	Irinotecan- and 5-fluorouracil-induced intestinal mucositis: insights into pathogenesis and therapeutic perspectives. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 78, 881-893.	1.1	113
47	Cannabidiol decreases bone resorption by inhibiting RANK/RANKL expression and pro-inflammatory cytokines during experimental periodontitis in rats. <i>International Immunopharmacology</i> , 2009, 9, 216-222.	1.7	108
48	Gasdermin D inhibition prevents multiple organ dysfunction during sepsis by blocking NET formation. <i>Blood</i> , 2021, 138, 2702-2713.	0.6	107
49	Repertaxin, a novel inhibitor of rat CXCR2 function, inhibits inflammatory responses that follow intestinal ischaemia and reperfusion injury. <i>British Journal of Pharmacology</i> , 2004, 143, 132-142.	2.7	106
50	Role of cytokines (TNF- α , IL-1 β and KC) in the pathogenesis of CPT-11-induced intestinal mucositis in mice: effect of pentoxifylline and thalidomide. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 61, 775-784.	1.1	104
51	Anti-inflammatory and analgesic effects of the sesquiterpene lactone budlein A in mice: Inhibition of cytokine production-dependent mechanism. <i>European Journal of Pharmacology</i> , 2007, 562, 155-163.	1.7	103
52	Hydrogen Sulfide Improves Neutrophil Migration and Survival in Sepsis via K ⁺ ATP Channel Activation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 360-368.	2.5	103
53	The role of Nox2-derived ROS in the development of cognitive impairment after sepsis. <i>Journal of Neuroinflammation</i> , 2014, 11, 36.	3.1	103
54	Neutrophil extracellular traps (NETs) exacerbate severity of infant sepsis. <i>Critical Care</i> , 2019, 23, 113.	2.5	103

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55	Differential expression of osteoblast and osteoclast chemoattractants in compression and tension sides during orthodontic movement. <i>Cytokine</i> , 2008, 42, 330-335.	1.4	101
56	The citrus flavonone naringenin reduces lipopolysaccharide-induced inflammatory pain and leukocyte recruitment by inhibiting NF- κ B activation. <i>Journal of Nutritional Biochemistry</i> , 2016, 33, 8-14.	1.9	97
57	CXCR2-specific chemokines mediate leukotriene B ₄ -dependent recruitment of neutrophils to inflamed joints in mice with antigen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 2030-2040.	6.7	96
58	Platelets Fuel the Inflammasome Activation of Innate Immune Cells. <i>Cell Reports</i> , 2020, 31, 107615.	2.9	96
59	Protective effects of atorvastatin in rat models of acute pulmonary embolism: Involvement of matrix metalloproteinase-9*. <i>Critical Care Medicine</i> , 2007, 35, 239-245.	0.4	94
60	Oral microbial dysbiosis linked to worsened periodontal condition in rheumatoid arthritis patients. <i>Scientific Reports</i> , 2019, 9, 8379.	1.6	94
61	The role of neutrophils in neuro-immune modulation. <i>Pharmacological Research</i> , 2020, 151, 104580.	3.1	94
62	Anti-inflammatory effects of red pepper (<i>Capsicum baccatum</i>) on carrageenan- and antigen-induced inflammation. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 473-478.	1.2	93
63	The involvement of CD4+CD25+ T cells in the acute phase of <i>Trypanosoma cruzi</i> infection. <i>Microbes and Infection</i> , 2008, 10, 825-833.	1.0	91
64	Regulation of type 17 helper T-cell function by nitric oxide during inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9220-9225.	3.3	91
65	Increased Activities of Cardiac Matrix Metalloproteinases Matrix Metalloproteinase (MMP)-2 and MMP-9 Are Associated with Mortality during the Acute Phase of Experimental <i>Trypanosoma cruzi</i> Infection. <i>Journal of Infectious Diseases</i> , 2008, 197, 1468-1476.	1.9	90
66	Involvement of LTB4 in zymosan-induced joint nociception in mice: participation of neutrophils and PGE2. <i>Journal of Leukocyte Biology</i> , 2008, 83, 122-130.	1.5	90
67	IL-18 Enhances Collagen-Induced Arthritis by Recruiting Neutrophils Via TNF- α and Leukotriene B4. <i>Journal of Immunology</i> , 2003, 171, 1009-1015.	0.4	89
68	Analgesic effect of thalidomide on inflammatory pain. <i>European Journal of Pharmacology</i> , 2000, 391, 97-103.	1.7	87
69	The essential role of IFN- γ in the control of lethal <i>Aggregatibacter actinomycetemcomitans</i> infection in mice. <i>Microbes and Infection</i> , 2008, 10, 489-496.	1.0	86
70	The pattern recognition receptors Nod1 and Nod2 account for neutrophil recruitment to the lungs of mice infected with <i>Legionella pneumophila</i> . <i>Microbes and Infection</i> , 2010, 12, 819-827.	1.0	86
71	Flavonoids as Anti-Inflammatory and Analgesic Drugs: Mechanisms of Action and Perspectives in the Development of Pharmaceutical Forms. <i>Studies in Natural Products Chemistry</i> , 2012, 36, 297-330.	0.8	86
72	Lipopolysaccharide Induces Inflammatory Hyperalgesia Triggering a TLR4/MyD88-Dependent Cytokine Cascade in the Mice Paw. <i>PLoS ONE</i> , 2014, 9, e90013.	1.1	86

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73	Hydrogen Sulfide Prevents Ethanol-Induced Gastric Damage in Mice: Role of ATP-Sensitive Potassium Channels and Capsaicin-Sensitive Primary Afferent Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 764-770.	1.3	85
74	Neutrophil Extracellular Traps Effectively Control Acute Chikungunya Virus Infection. <i>Frontiers in Immunology</i> , 2019, 10, 3108.	2.2	85
75	Targeting nitric oxide as a key modulator of sepsis, arthritis and pain. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 89, 32-40.	1.2	84
76	Role of regulatory T cells in long-term immune dysfunction associated with severe sepsis. <i>Critical Care Medicine</i> , 2010, 38, 1718-1725.	0.4	83
77	Nitric oxide inhibits neutrophil migration by a mechanism dependent on ICAM-1: Role of soluble guanylate cyclase. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 15, 77-86.	1.2	82
78	Dual function of the long pentraxin PTX3 in resistance against pulmonary infection with <i>Klebsiella pneumoniae</i> in transgenic mice. <i>Microbes and Infection</i> , 2006, 8, 1321-1329.	1.0	82
79	Hydrogen Sulfide Augments Neutrophil Migration through Enhancement of Adhesion Molecule Expression and Prevention of CXCR2 Internalization: Role of ATP-Sensitive Potassium Channels. <i>Journal of Immunology</i> , 2008, 181, 4287-4298.	0.4	82
80	TNF- α and IL-1 β mediate inflammatory hypernociception in mice triggered by B1 but not B2 kinin receptor. <i>European Journal of Pharmacology</i> , 2007, 573, 221-229.	1.7	78
81	Kaurenoic Acid from <i>Sphagneticola trilobata</i> Inhibits Inflammatory Pain: Effect on Cytokine Production and Activation of the NO-Cyclic GMP-Protein Kinase G-ATP-Sensitive Potassium Channel Signaling Pathway. <i>Journal of Natural Products</i> , 2012, 75, 896-904.	1.5	78
82	Direct blockade of inflammatory hypernociception by peripheral A1 adenosine receptors: Involvement of the NO/cGMP/PKG/KATP signaling pathway. <i>Pain</i> , 2010, 151, 506-515.	2.0	77
83	Diabetes Mellitus and Sepsis. <i>Shock</i> , 2017, 47, 276-287.	1.0	77
84	TNF- α mediates the induction of nitric oxide synthase in macrophages but not in neutrophils in experimental cutaneous leishmaniasis. <i>European Journal of Immunology</i> , 2003, 33, 2297-2306.	1.6	75
85	Inhibition of iNOS induces antidepressant-like effects in mice: Pharmacological and genetic evidence. <i>Neuropharmacology</i> , 2012, 62, 485-491.	2.0	74
86	Reduction of gap and adherens junction proteins and intercalated disc structural remodeling in the hearts of mice submitted to severe cecal ligation and puncture sepsis*. <i>Critical Care Medicine</i> , 2007, 35, 2176-2185.	0.4	73
87	CCR2 Expression in Neutrophils Plays a Critical Role in Their Migration Into the Joints in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 1751-1759.	2.9	73
88	Dual role of hydrogen sulfide in mechanical inflammatory hypernociception. <i>European Journal of Pharmacology</i> , 2008, 590, 127-135.	1.7	72
89	Anti-inflammatory and analgesic effects of the phosphodiesterase 4 inhibitor rolipram in a rat model of arthritis. <i>European Journal of Pharmacology</i> , 2000, 399, 243-249.	1.7	70
90	β 1-Acid Glycoprotein Decreases Neutrophil Migration and Increases Susceptibility to Sepsis in Diabetic Mice. <i>Diabetes</i> , 2012, 61, 1584-1591.	0.3	70

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91	Vinopocetine reduces lipopolysaccharide-induced inflammatory pain and neutrophil recruitment in mice by targeting oxidative stress, cytokines and NF- κ B. <i>Chemico-Biological Interactions</i> , 2015, 237, 9-17.	1.7	70
92	Interferon- γ -Induced Nitric Oxide Causes Intrinsic Intestinal Denervation in <i>Trypanosoma cruzi</i> -Infected Mice. <i>American Journal of Pathology</i> , 2004, 164, 1361-1368.	1.9	69
93	Hypnociception elicited by tibio-tarsal joint flexion in mice: A novel experimental arthritis model for pharmacological screening. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 84, 244-251.	1.3	67
94	Role of Resident Mast Cells and Macrophages in the Neutrophil Migration Induced by LTB ₄ , fMLP and C5a des arg. <i>International Archives of Allergy and Immunology</i> , 1997, 112, 27-35.	0.9	66
95	The ATP-sensitive potassium channel blocker glibenclamide prevents renal ischemia/reperfusion injury in rats. <i>Kidney International</i> , 2005, 67, 1785-1796.	2.6	66
96	Inflammatory intestinal damage induced by 5-fluorouracil requires IL-4. <i>Cytokine</i> , 2013, 61, 46-49.	1.4	66
97	Curcumin inhibits superoxide anion-induced pain-like behavior and leukocyte recruitment by increasing Nrf2 expression and reducing NF- κ B activation. <i>Inflammation Research</i> , 2015, 64, 993-1003.	1.6	66
98	Acetic acid- and phenyl-p-benzoquinone-induced overt pain-like behavior depends on spinal activation of MAP kinases, PI3K and microglia in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 320-328.	1.3	65
99	Modulation of experimental arthritis by vagal sensory and central brain stimulation. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 330-343.	2.0	65
100	IL-15 mediates antigen-induced neutrophil migration by triggering IL-18 production. <i>European Journal of Immunology</i> , 2007, 37, 3373-3380.	1.6	64
101	Comparative expression of RANK, RANKL, and OPG in keratocystic odontogenic tumors, ameloblastomas, and dentigerous cysts. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, 333-341.	1.6	64
102	PPAR- γ /IL-10 Axis Inhibits MyD88 Expression and Ameliorates Murine Polymicrobial Sepsis. <i>Journal of Immunology</i> , 2014, 192, 2357-2365.	0.4	64
103	IL-15 mediates immune inflammatory hypnociception by triggering a sequential release of IFN- γ , endothelin, and prostaglandin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9721-9725.	3.3	63
104	Protective Effect of an Extract from <i>Ascaris suum</i> in Experimental Arthritis Models. <i>Infection and Immunity</i> , 2008, 76, 2736-2745.	1.0	63
105	Stimulation of Peripheral Kappa Opioid Receptors Inhibits Inflammatory Hyperalgesia via Activation of the PI3K/AKT/nNOS/NO Signaling Pathway. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-10.	1.0	63
106	Activation of presynaptic NMDA receptors coupled to Nav1.8-resistant sodium channel C-fibers causes retrograde mechanical nociceptor sensitization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2923-2928.	3.3	62
107	Antigen-induced inflammatory mechanical hypnociception in mice is mediated by IL-18. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 535-543.	2.0	62
108	Mast cells phagocytose <i>Candida albicans</i> and produce nitric oxide by mechanisms involving TLR2 and Dectin-1. <i>Immunobiology</i> , 2016, 221, 220-227.	0.8	62

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109	Atorvastatin inhibits inflammatory hypernociception. <i>British Journal of Pharmacology</i> , 2006, 149, 14-22.	2.7	61
110	Role of cytokines in mediating mechanical hypernociception in a model of delayed-type hypersensitivity in mice. <i>European Journal of Pain</i> , 2008, 12, 1059-1068.	1.4	61
111	15d-Prostaglandin J ₂ Inhibits Inflammatory Hypernociception: Involvement of Peripheral Opioid Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 313-321.	1.3	61
112	Peroxisome Proliferator-Activated Receptor- δ Ligand, 15-Deoxy- $\Delta^12,14$ -Prostaglandin J ₂ , Reduces Neutrophil Migration via a Nitric Oxide Pathway. <i>Journal of Immunology</i> , 2008, 180, 609-617.	0.4	61
113	Gastrin-releasing peptide receptor (GRPR) mediates chemotaxis in neutrophils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 547-552.	3.3	61
114	Role of CCR2 in orthodontic tooth movement. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 141, 153-160.e1.	0.8	61
115	Neutrophil Paralysis in <i>Plasmodium vivax</i> Malaria. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1710.	1.3	60
116	Antihyperalgesic effect of pentoxifylline on experimental inflammatory pain. <i>British Journal of Pharmacology</i> , 2004, 143, 833-844.	2.7	59
117	Dual effect of local application of nitric oxide donors in a model of incision pain in rats. <i>European Journal of Pharmacology</i> , 2002, 441, 57-65.	1.7	57
118	Endothelins induce ETB receptor-mediated mechanical hypernociception in rat hindpaw: roles of cAMP and protein kinase C. <i>European Journal of Pharmacology</i> , 2004, 501, 87-94.	1.7	56
119	Involvement of nitric oxide on the pathogenesis of irinotecan-induced intestinal mucositis: role of cytokines on inducible nitric oxide synthase activation. <i>Cancer Chemotherapy and Pharmacology</i> , 2012, 69, 931-942.	1.1	56
120	Targeting the minor pocket of C5aR for the rational design of an oral allosteric inhibitor for inflammatory and neuropathic pain relief. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16937-16942.	3.3	56
121	Therapeutic potential and limitations of cholinergic anti-inflammatory pathway in sepsis. <i>Pharmacological Research</i> , 2017, 117, 1-8.	3.1	56
122	Cytokine-induced neutrophil chemoattractant 1 (CINC-1) mediates the sympathetic component of inflammatory mechanical hypersensitivity in rats. <i>European Cytokine Network</i> , 2002, 13, 456-61.	1.1	56
123	Induction of NOS in rat blood PMN <i>in vivo</i> and <i>in vitro</i> : modulation by tyrosine kinase and involvement in bactericidal activity. <i>Journal of Leukocyte Biology</i> , 1999, 65, 508-514.	1.5	55
124	Phosphoinositide-3 Kinase δ Activity Contributes to Sepsis and Organ Damage by Altering Neutrophil Recruitment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 762-773.	2.5	55
125	Succinate receptor deficiency attenuates arthritis by reducing dendritic cell traffic and expansion of T _H 17 cells in the lymph nodes. <i>FASEB Journal</i> , 2018, 32, 6550-6558.	0.2	53
126	Interleukin-18 Induces Mechanical Hypernociception in Rats via Endothelin Acting on ETB Receptors in a Morphine-Sensitive Manner. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 710-717.	1.3	52

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127	Toll-like receptor 2/MyD88 signaling mediates zymosan-induced joint hypernociception in mice: Participation of TNF- α , IL-1 β and CXCL1/KC. <i>European Journal of Pharmacology</i> , 2012, 674, 51-57.	1.7	51
128	5-Lipoxygenase Deficiency Reduces Acetaminophen-Induced Hepatotoxicity and Lethality. <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	51
129	The galactose-binding lectin from <i>Vatairea macrocarpa</i> seeds induces in vivo neutrophil migration by indirect mechanism. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 1674-1681.	1.2	50
130	<i>Lonchocarpus sericeus</i> lectin decreases leukocyte migration and mechanical hypernociception by inhibiting cytokine and chemokines production. <i>International Immunopharmacology</i> , 2007, 7, 824-835.	1.7	50
131	Xenogeneic Mesenchymal Stromal Cells Improve Wound Healing and Modulate the Immune Response in an Extensive Burn Model. <i>Cell Transplantation</i> , 2016, 25, 201-215.	1.2	50
132	Blockade by fenspiride of endotoxin-induced neutrophil migration in the rat. <i>European Journal of Pharmacology</i> , 1993, 238, 47-52.	1.7	49
133	Detrimental role of endogenous nitric oxide in host defence against <i>Sporothrix schenckii</i> . <i>Immunology</i> , 2008, 123, 469-479.	2.0	49
134	Down-regulation of expression of osteoblast and osteocyte markers in periodontal tissues associated with the spontaneous alveolar bone loss of interleukin-10 knockout mice. <i>European Journal of Oral Sciences</i> , 2010, 118, 19-28.	0.7	49
135	Dynamic changes of the Th17/Tc17 and regulatory T cell populations interfere in the experimental autoimmune diabetes pathogenesis. <i>Immunobiology</i> , 2013, 218, 338-352.	0.8	49
136	Nitric Oxide Is Involved in the Lesions of the Peripheral Autonomic Neurons Observed in the Acute Phase of Experimental <i>Trypanosoma cruzi</i> Infection. <i>Experimental Parasitology</i> , 1999, 93, 191-197.	0.5	48
137	Endothelins modulate inflammatory reaction in zymosan-induced arthritis: participation of LTB ₄ , TNF- α , and CXCL-1. <i>Journal of Leukocyte Biology</i> , 2008, 84, 652-660.	1.5	48
138	Crucial Role of TNF Receptors 1 and 2 in the Control of Polymicrobial Sepsis. <i>Journal of Immunology</i> , 2009, 182, 7855-7864.	0.4	48
139	The Adaptor Protein Myd88 Is a Key Signaling Molecule in the Pathogenesis of Irinotecan-Induced Intestinal Mucositis. <i>PLoS ONE</i> , 2015, 10, e0139985.	1.1	48
140	PPAR- β agonist rosiglitazone prevents inflammatory periodontal bone loss by inhibiting osteoclastogenesis. <i>International Immunopharmacology</i> , 2009, 9, 1150-1158.	1.7	47
141	Gastroprotective effect of heme-oxygenase 1/biliverdin/CO pathway in ethanol-induced gastric damage in mice. <i>European Journal of Pharmacology</i> , 2010, 642, 140-145.	1.7	47
142	Quercetin Reduces Neutrophil Recruitment Induced by CXCL8, LTB ₄ , and fMLP: Inhibition of Actin Polymerization. <i>Journal of Natural Products</i> , 2011, 74, 113-118.	1.5	47
143	Skin vasodilation and analgesic effect of a topical nitric oxide-releasing hydrogel. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 2157-2169.	1.7	47
144	Targeting IL-33/ST2 signaling: regulation of immune function and analgesia. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 1141-1152.	1.5	47

#	ARTICLE	IF	CITATIONS
145	The critical role of leukotriene B4 in antigen-induced mechanical hyperalgesia in immunised rats. <i>British Journal of Pharmacology</i> , 2003, 139, 1135-1145.	2.7	46
146	Neutrophil recruitment in immunized mice depends on MIP-2 inducing the sequential release of MIP-1 α , TNF- α and LTB4. <i>European Journal of Immunology</i> , 2006, 36, 2025-2034.	1.6	46
147	The NLRP3 inflammasome is involved with the pathogenesis of Mayaro virus. <i>PLoS Pathogens</i> , 2019, 15, e1007934.	2.1	46
148	Tumour necrosis factor- α mediates neutrophil migration to the knee synovial cavity during immune inflammation. <i>European Journal of Pharmacology</i> , 2004, 496, 197-204.	1.7	45
149	Effects of the treatment with glibenclamide, an ATP-sensitive potassium channel blocker, on intestinal ischemia and reperfusion injury. <i>European Journal of Pharmacology</i> , 2007, 556, 215-222.	1.7	45
150	Post-Sepsis State Induces Tumor-Associated Macrophage Accumulation through CXCR4/CXCL12 and Favors Tumor Progression in Mice. <i>Cancer Immunology Research</i> , 2016, 4, 312-322.	1.6	45
151	Neuroimmune-Glia Interactions in the Sensory Ganglia Account for the Development of Acute Herpetic Neuralgia. <i>Journal of Neuroscience</i> , 2017, 37, 6408-6422.	1.7	45
152	Neutrophil migration induced by IL-8-activated mast cells is mediated by CINC-1. <i>Cytokine</i> , 2003, 21, 214-223.	1.4	44
153	Porcine Spermadhesin PSP-I/PSP-II Stimulates Macrophages to Release a Neutrophil Chemotactic Substance: Modulation by Mast Cells1. <i>Biology of Reproduction</i> , 2003, 68, 1836-1841.	1.2	44
154	Nociceptive Effect of Subcutaneously Injected Interleukin-12 Is Mediated by Endothelin (ET) Acting on ETB Receptors in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 609-615.	1.3	44
155	Fructose 1,6-bisphosphate, a high-energy intermediate of glycolysis, attenuates experimental arthritis by activating anti-inflammatory adenosinergic pathway. <i>Scientific Reports</i> , 2015, 5, 15171.	1.6	44
156	Role of IL-18 in overt pain-like behaviour in mice. <i>European Journal of Pharmacology</i> , 2008, 588, 207-212.	1.7	43
157	Joint NOD2/RIPK2 Signaling Regulates IL-17 Axis and Contributes to the Development of Experimental Arthritis. <i>Journal of Immunology</i> , 2012, 188, 5116-5122.	0.4	43
158	Adipokine Chemerin Bridges Metabolic Dyslipidemia and Alveolar Bone Loss in Mice. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 974-984.	3.1	43
159	Repeated induction of nitric oxide synthase and leishmanicidal activity in murine macrophages. <i>European Journal of Immunology</i> , 1993, 23, 1385-1388.	1.6	42
160	High serum nitric oxide levels in patients with severe leptospirosis. <i>Acta Tropica</i> , 2006, 100, 256-260.	0.9	42
161	Antileishmanial activity of ruthenium(II)tetraammine nitrosyl complexes. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4180-4187.	2.6	42
162	Inhibition of hydrogen sulphide formation reduces cisplatin-induced renal damage. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 479-488.	0.4	42

#	ARTICLE	IF	CITATIONS
163	Diosmin reduces chronic constriction injury-induced neuropathic pain in mice. <i>Chemico-Biological Interactions</i> , 2017, 273, 180-189.	1.7	42
164	Local profile of cytokines and nitric oxide in patients with bacterial vaginosis and cervical intraepithelial neoplasia. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008, 138, 93-99.	0.5	41
165	Joint production of IL-22 participates in the initial phase of antigen-induced arthritis through IL-1 β production. <i>Arthritis Research and Therapy</i> , 2015, 17, 235.	1.6	41
166	Failure of neutrophil chemotactic function in breast cancer patients treated with chemotherapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 57, 663-670.	1.1	40
167	Caspase-1 is Involved in the Genesis of Inflammatory Hypernociception by Contributing to Peripheral IL-1 β Maturation. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-63.	1.0	40
168	Inhibition of Neutrophil Migration by Hemopexin Leads to Increased Mortality Due to Sepsis in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 922-931.	2.5	40
169	Involvement of nuclear factor kappa B in the maintenance of persistent inflammatory hypernociception. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 134, 49-56.	1.3	40
170	Drug modulation of antigen-induced paw oedema in guinea pigs: effects of lipopolysaccharide, tumour necrosis factor and leucocyte depletion. <i>British Journal of Pharmacology</i> , 1994, 112, 111-116.	2.7	39
171	IL-4 regulates susceptibility to intestinal inflammation in murine food allergy. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G593-G600.	1.6	39
172	A Controversial Role for IL-12 in Immune Response and Bone Resorption at Apical Periodontal Sites. <i>Clinical and Developmental Immunology</i> , 2010, 2010, 1-8.	3.3	39
173	Dynamic weight bearing is an efficient and predictable method for evaluation of arthritic nociception and its pathophysiological mechanisms in mice. <i>Scientific Reports</i> , 2015, 5, 14648.	1.6	39
174	TGF- β 2 signalling defect is linked to low CD39 expression on regulatory T cells and methotrexate resistance in rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2018, 90, 49-58.	3.0	39
175	Hesperidin Methylchalcone Suppresses Experimental Gout Arthritis in Mice by Inhibiting NF- κ B Activation. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6269-6280.	2.4	39
176	Cigarette smoke induces miR-132 in Th17 cells that enhance osteoclastogenesis in inflammatory arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	39
177	Sildenafil prevents indomethacin-induced gastropathy in rats: role of leukocyte adherence and gastric blood flow. <i>British Journal of Pharmacology</i> , 2005, 146, 481-486.	2.7	38
178	1D-adrenoceptor-induced relaxation on rat carotid artery is impaired during the endothelial dysfunction evoked in the early stages of hyperhomocysteinemia. <i>European Journal of Pharmacology</i> , 2006, 543, 83-91.	1.7	38
179	Targeting endothelin ETA and ETB receptors inhibits antigen-induced neutrophil migration and mechanical hypernociception in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 271-279.	1.4	38
180	5-Lipoxygenase is a key determinant of acute myocardial inflammation and mortality during <i>Trypanosoma cruzi</i> infection. <i>Microbes and Infection</i> , 2010, 12, 587-597.	1.0	38

#	ARTICLE	IF	CITATIONS
181	Trans-Chalcone Attenuates Pain and Inflammation in Experimental Acute Gout Arthritis in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 1123.	1.6	38
182	15d-PGJ2-loaded nanocapsules ameliorate experimental gout arthritis by reducing pain and inflammation in a PPAR-gamma-sensitive manner in mice. <i>Scientific Reports</i> , 2018, 8, 13979.	1.6	38
183	Smoking-induced aggravation of experimental arthritis is dependent of aryl hydrocarbon receptor activation in Th17 cells. <i>Arthritis Research and Therapy</i> , 2018, 20, 119.	1.6	38
184	Green propolis increases myeloid suppressor cells and CD4+Foxp3+ cells and reduces Th2 inflammation in the lungs after allergen exposure. <i>Journal of Ethnopharmacology</i> , 2020, 252, 112496.	2.0	38
185	Regulatory T cells counteract neuropathic pain through inhibition of the Th1 response at the site of peripheral nerve injury. <i>Pain</i> , 2020, 161, 1730-1743.	2.0	38
186	Sepsis expands a CD39+ plasmablast population that promotes immunosuppression via adenosine-mediated inhibition of macrophage antimicrobial activity. <i>Immunity</i> , 2021, 54, 2024-2041.e8.	6.6	38
187	Gasdermin-D activation by SARS-CoV-2 triggers NET and mediate COVID-19 immunopathology. <i>Critical Care</i> , 2022, 26, .	2.5	38
188	The peripheral pro-nociceptive state induced by repetitive inflammatory stimuli involves continuous activation of protein kinase A and protein kinase C epsilon and its Nav1.8 sodium channel functional regulation in the primary sensory neuron. <i>Biochemical Pharmacology</i> , 2009, 77, 867-877.	2.0	37
189	Lectin extracted from <i>Canavalia grandiflora</i> seeds presents potential anti-inflammatory and analgesic effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 609-616.	1.4	37
190	Acute and persistent nociceptive paw sensitisation in mice: The involvement of distinct signalling pathways. <i>Life Sciences</i> , 2009, 85, 822-829.	2.0	37
191	Role of platelet-activating factor in the pathogenesis of 5-fluorouracil-induced intestinal mucositis in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 68, 713-720.	1.1	37
192	Role of KATP channels and TRPV1 receptors in hydrogen sulfide-enhanced gastric emptying of liquid in awake mice. <i>European Journal of Pharmacology</i> , 2012, 693, 57-63.	1.7	37
193	Peripheral nitric oxide signaling directly blocks inflammatory pain. <i>Biochemical Pharmacology</i> , 2020, 176, 113862.	2.0	37
194	Toll-Like Receptor 2 Is Required for Inflammatory Process Development during <i>Leishmania infantum</i> Infection. <i>Frontiers in Microbiology</i> , 2017, 8, 262.	1.5	36
195	Spermadhesin PSP-I/PSP-II Heterodimer and Its Isolated Subunits Induced Neutrophil Migration into the Peritoneal Cavity of Rats1. <i>Biology of Reproduction</i> , 2002, 67, 1796-1803.	1.2	35
196	Cardiovascular and Inflammatory Response to Cholecystokinin During Endotoxemic Shock. <i>Shock</i> , 2013, 39, 104-113.	1.0	35
197	Increased Contextual Fear Conditioning in iNOS Knockout Mice: Additional Evidence for the Involvement of Nitric Oxide in Stress-Related Disorders and Contribution of the Endocannabinoid System. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv005-pyv005.	1.0	35
198	Superoxide anion-induced pain and inflammation depends on TNF α /TNFR1 signaling in mice. <i>Neuroscience Letters</i> , 2015, 605, 53-58.	1.0	35

#	ARTICLE	IF	CITATIONS
199	Rheumatoid Arthritis Exacerbates the Severity of Osteonecrosis of the Jaws (ONJ) in Mice. A Randomized, Prospective, Controlled Animal Study. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1596-1607.	3.1	35
200	Phlebotomine salivas inhibit immune inflammation-induced neutrophil migration via an autocrine DC-derived PGE2/IL-10 sequential pathway. <i>Journal of Leukocyte Biology</i> , 2008, 84, 104-114.	1.5	34
201	EFFECT OF LUTZOMYIA LONGIPALPIS SALIVARY GLAND EXTRACTS ON LEUKOCYTE MIGRATION INDUCED BY LEISHMANIA MAJOR. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 88-94.	0.6	34
202	Use of dexamethasone with mesna for the prevention of ifosfamide-induced hemorrhagic cystitis. <i>International Journal of Urology</i> , 2003, 10, 595-602.	0.5	33
203	INCREASED SARCOLEMMA PERMEABILITY AS AN EARLY EVENT IN EXPERIMENTAL SEPTIC CARDIOMYOPATHY. <i>Shock</i> , 2010, 33, 322-331.	1.0	33
204	Apocynin and Nox2 regulate NF- κ B by modifying thioredoxin-1 redox-state. <i>Scientific Reports</i> , 2016, 6, 34581.	1.6	33
205	Pericytes modulate myelination in the central nervous system. <i>Journal of Cellular Physiology</i> , 2018, 233, 5523-5529.	2.0	33
206	Knee osteoarthritis induces atrophy and neuromuscular junction remodeling in the quadriceps and tibialis anterior muscles of rats. <i>Scientific Reports</i> , 2019, 9, 6366.	1.6	33
207	DMH-CBD, a cannabidiol analog with reduced cytotoxicity, inhibits TNF production by targeting NF- κ B activity dependent on A2A receptor. <i>Toxicology and Applied Pharmacology</i> , 2019, 368, 63-71.	1.3	33
208	Acute Increase in O-GlcNAc Improves Survival in Mice With LPS-Induced Systemic Inflammatory Response Syndrome. <i>Frontiers in Physiology</i> , 2019, 10, 1614.	1.3	33
209	Peripheral antinociceptive effect of pertussis toxin: activation of the arginine/NO/cGMP/PKG/ATP-sensitive K ⁺ -channel pathway. <i>European Journal of Neuroscience</i> , 2006, 24, 1175-1181.	1.2	32
210	Peroxynitrite mediates the failure of neutrophil migration in severe polymicrobial sepsis in mice. <i>British Journal of Pharmacology</i> , 2007, 152, 341-352.	2.7	32
211	Morphologic evaluation and expression of matrix metalloproteinases-2 and 9 and nitric oxide during experimental periodontal disease in rat. <i>Journal of Molecular Histology</i> , 2008, 39, 275-282.	1.0	32
212	Baroreflex activation in conscious rats modulates the joint inflammatory response via sympathetic function. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 140-147.	2.0	32
213	Carotid sinus nerve electrical stimulation in conscious rats attenuates systemic inflammation via chemoreceptor activation. <i>Scientific Reports</i> , 2017, 7, 6265.	1.6	32
214	Toll-Like Receptor 9 Signaling in Dendritic Cells Regulates Neutrophil Recruitment to Inflammatory Foci following <i>Leishmania infantum</i> Infection. <i>Infection and Immunity</i> , 2015, 83, 4604-4616.	1.0	31
215	The nitroxyl donor, Angeli's salt, reduces chronic constriction injury-induced neuropathic pain. <i>Chemico-Biological Interactions</i> , 2016, 256, 1-8.	1.7	31
216	The NOD2 signaling in peripheral macrophages contributes to neuropathic pain development. <i>Pain</i> , 2019, 160, 102-116.	2.0	31

#	ARTICLE	IF	CITATIONS
217	Role of endogenous hydrogen sulfide on renal damage induced by adriamycin injection. Archives of Toxicology, 2011, 85, 1597-1606.	1.9	30
218	Toll-like receptor 9 activation in neutrophils impairs chemotaxis and reduces sepsis outcome*. Critical Care Medicine, 2012, 40, 2631-2637.	0.4	30
219	The nitroxyl donor, Angeli's salt, inhibits inflammatory hyperalgesia in rats. Neuropharmacology, 2013, 71, 1-9.	2.0	30
220	Targeting neutrophils in sepsis. Expert Review of Clinical Immunology, 2014, 10, 1019-1028.	1.3	30
221	<sc>NOSH</sc>â€œaspirin (<sc>NBS</sc>â€œ120), a dual nitric oxide and hydrogen sulfideâ€œreleasing hybrid, reduces inflammatory pain. Pharmacology Research and Perspectives, 2015, 3, e00133.	1.1	30
222	T Cell Post-Transcriptional miRNA-mRNA Interaction Networks Identify Targets Associated with Susceptibility/Resistance to Collagen-induced Arthritis. PLoS ONE, 2013, 8, e54803.	1.1	30
223	Contribution of TNF \pm , IL-1 β and CINC-1 for articular incapacitation, edema and cell migration in a model of LPS-induced reactive arthritis. Cytokine, 2006, 36, 83-89.	1.4	29
224	Interleukinâ€œ10 limits intense acute swimmingâ€œinduced muscle mechanical hyperalgesia in mice. Experimental Physiology, 2015, 100, 531-544.	0.9	29
225	The aggravation of arthritis by periodontitis is dependent of <sc>IL</sc>â€œ17 receptor A activation. Journal of Clinical Periodontology, 2017, 44, 881-891.	2.3	29
226	Hyperalgesia from subcutaneous cytokines. , 1999, , 59-87.		29
227	Cinnamoyloxy-mammeisin Isolated from Geopropolis Attenuates Inflammatory Process by Inhibiting Cytokine Production: Involvement of MAPK, AP-1, and NF- κ B. Journal of Natural Products, 2016, 79, 1828-1833.	1.5	28
228	Probulcol attenuates lipopolysaccharide-induced leukocyte recruitment and inflammatory hyperalgesia: effect on NF- κ B activation and cytokine production. European Journal of Pharmacology, 2017, 809, 52-63.	1.7	28
229	CCR4 Controls the Suppressive Effects of Regulatory T Cells on Early and Late Events during Severe Sepsis. PLoS ONE, 2015, 10, e0133227.	1.1	27
230	Pyrrolidine dithiocarbamate inhibits superoxide anion-induced pain and inflammation in the paw skin and spinal cord by targeting NF- κ B and oxidative stress. Inflammopharmacology, 2016, 24, 97-107.	1.9	27
231	Non-Peptidergic Nociceptive Neurons Are Essential for Mechanical Inflammatory Hypersensitivity in Mice. Molecular Neurobiology, 2019, 56, 5715-5728.	1.9	27
232	Disruption of sarcolemmal dystrophin and β -dystroglycan may be a potential mechanism for myocardial dysfunction in severe sepsis. Laboratory Investigation, 2010, 90, 531-542.	1.7	26
233	Inhibition of Guanylyl Cyclase Restores Neutrophil Migration and Maintains Bactericidal Activity Increasing Survival in Sepsis. Shock, 2011, 35, 17-27.	1.0	26
234	Nucleosides from <i>Phlebotomus papatasi</i> Salivary Gland Ameliorate Murine Collagen-Induced Arthritis by Impairing Dendritic Cell Functions. Journal of Immunology, 2011, 187, 4347-4359.	0.4	26

#	ARTICLE	IF	CITATIONS
235	A crucial role for IL-6 in the CNS of rats during fever induced by the injection of live <i>E. coli</i> . <i>Medical Microbiology and Immunology</i> , 2012, 201, 47-60.	2.6	26
236	Role of TNF- α /TNFR1 in intense acute swimming-induced delayed onset muscle soreness in mice. <i>Physiology and Behavior</i> , 2014, 128, 277-287.	1.0	26
237	Serotonin synthesis protects the mouse colonic crypt from DNA damage and colorectal tumorigenesis. <i>Journal of Pathology</i> , 2019, 249, 102-113.	2.1	26
238	IL-27 Counteracts Neuropathic Pain Development Through Induction of IL-10. <i>Frontiers in Immunology</i> , 2019, 10, 3059.	2.2	26
239	SARS-CoV-2 productively infects primary human immune system cells <i>in vitro</i> and in COVID-19 patients. <i>Journal of Molecular Cell Biology</i> , 2022, 14, .	1.5	26
240	HPV16, HPV18, and HIV infection may influence cervical cytokine intralesional levels. <i>Virology</i> , 2005, 334, 294-298.	1.1	25
241	Agglutinin isolated from the red marine alga <i>Hypnea cervicornis</i> J. Agardh reduces inflammatory hypernociception: Involvement of nitric oxide. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 371-377.	1.3	25
242	Heat-killed <i>Enterococcus faecalis</i> Alters Nitric Oxide and CXCL12 Production but not CXCL8 and CCL3 Production by Cultured Human Dental Pulp Fibroblasts. <i>Journal of Endodontics</i> , 2010, 36, 91-94.	1.4	25
243	Granulocyte-Colony Stimulating Factor (G-CSF) induces mechanical hyperalgesia via spinal activation of MAP kinases and PI3K in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 188-195.	1.3	25
244	Nitric Oxide and Hydrogen Sulfide Interact When Modulating Gastric Physiological Functions in Rodents. <i>Digestive Diseases and Sciences</i> , 2017, 62, 93-104.	1.1	25
245	Molecular basis of carrageenan-induced cytokines production in macrophages. <i>Cell Communication and Signaling</i> , 2020, 18, 141.	2.7	25
246	NADPH Phagocyte Oxidase Knockout Mice Control <i>Trypanosoma cruzi</i> Proliferation, but Develop Circulatory Collapse and Succumb to Infection. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1492.	1.3	24
247	<i>Trypanosoma cruzi</i> Adjuvants Potentiate T Cell-Mediated Immunity Induced by a NY-ESO-1 Based Antitumor Vaccine. <i>PLoS ONE</i> , 2012, 7, e36245.	1.1	24
248	PPAR- β agonists, mainly 15d-PGJ2, reduce eosinophil recruitment following allergen challenge. <i>Cellular Immunology</i> , 2012, 273, 23-29.	1.4	24
249	Hyperbaric oxygen therapy ameliorates TNBS-induced acute distal colitis in rats. <i>Medical Gas Research</i> , 2015, 5, 6.	1.2	24
250	Mast cells control insulinitis and increase Treg cells to confer protection against STZ-induced type 1 diabetes in mice. <i>European Journal of Immunology</i> , 2015, 45, 2873-2885.	1.6	24
251	Peripheral NLR4 inflammasome participates in the genesis of acute inflammatory pain. <i>Pain</i> , 2015, 156, 451-459.	2.0	24
252	Budlein A, a Sesquiterpene Lactone From <i>Viguiera robusta</i> , Alleviates Pain and Inflammation in a Model of Acute Gout Arthritis in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 1076.	1.6	24

#	ARTICLE	IF	CITATIONS
253	Estradiol replacement therapy regulates innate immune response in ovariectomized arthritic mice. <i>International Immunopharmacology</i> , 2019, 72, 504-510.	1.7	24
254	Teleantagonism: A pharmacodynamic property of the primary nociceptive neuron. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19038-19043.	3.3	23
255	CCR2 Deficiency Results in Increased Osteolysis in Experimental Periapical Lesions in Mice. <i>Journal of Endodontics</i> , 2010, 36, 244-250.	1.4	23
256	DF2755A, a novel non-competitive allosteric inhibitor of CXCR1/2, reduces inflammatory and post-operative pain. <i>Pharmacological Research</i> , 2016, 103, 69-79.	3.1	23
257	Clinical-like cryotherapy improves footprint patterns and reduces synovial inflammation in a rat model of post-traumatic knee osteoarthritis. <i>Scientific Reports</i> , 2019, 9, 14518.	1.6	23
258	MEK5/ERK5 signaling mediates IL-4-induced M2 macrophage differentiation through regulation of c-Myc expression. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1215-1223.	1.5	23
259	Are neutrophil extracellular traps the link for the cross-talk between periodontitis and rheumatoid arthritis physiopathology?. <i>Rheumatology</i> , 2021, 61, 174-184.	0.9	23
260	Neutrophil extracellular traps mediate joint hyperalgesia induced by immune inflammation. <i>Rheumatology</i> , 2021, 60, 3461-3473.	0.9	23
261	Vatairea macrocarpa (Leguminosae) lectin activates cultured macrophages to release chemotactic mediators. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 374, 275-282.	1.4	22
262	Anti-inflammatory activity and possible mechanism of extract from <i>Mikania laevigata</i> in carrageenan-induced peritonitis. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 1097-1104.	1.2	22
263	Bosentan, an endothelin receptor antagonist, ameliorates collagen-induced arthritis: the role of TNF- α in the induction of endothelin system genes. <i>Inflammation Research</i> , 2012, 61, 337-348.	1.6	22
264	Dual effect of <i>Lutzomyia longipalpis</i> saliva on <i>Leishmania braziliensis</i> infection is mediated by distinct saliva-induced cellular recruitment into BALB/c mice ear. <i>BMC Microbiology</i> , 2013, 13, 102.	1.3	22
265	Effect of Gedunin on Acute Articular Inflammation and Hypernociception in Mice. <i>Molecules</i> , 2015, 20, 2636-2657.	1.7	22
266	Granulocyte-colony stimulating factor (G-CSF)-induced mechanical hyperalgesia in mice: Role for peripheral TNF- α , IL-1 β and IL-10. <i>European Journal of Pharmacology</i> , 2015, 749, 62-72.	1.7	22
267	Bosentan, a mixed endothelin receptor antagonist, inhibits superoxide anion-induced pain and inflammation in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 1211-1221.	1.4	22
268	IL-33 signaling is essential to attenuate viral-induced encephalitis development by downregulating iNOS expression in the central nervous system. <i>Journal of Neuroinflammation</i> , 2016, 13, 159.	3.1	22
269	Cardiac hyporesponsiveness in severe sepsis is associated with nitric oxide-dependent activation of G protein receptor kinase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H149-H163.	1.5	22
270	Lapachol, a compound targeting pyrimidine metabolism, ameliorates experimental autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2017, 19, 47.	1.6	22

#	ARTICLE	IF	CITATIONS
271	IL-33 enhances macrophage release of IL-1 β and promotes pain and inflammation in gouty arthritis. <i>Inflammation Research</i> , 2020, 69, 1271-1282.	1.6	22
272	TLR4 deficiency upregulates TLR9 expression and enhances irinotecan-related intestinal mucositis and late-onset diarrhoea. <i>British Journal of Pharmacology</i> , 2021, 178, 4193-4209.	2.7	22
273	Blockade of leukotriene B4 prevents articular incapacitation in rat zymosan-induced arthritis. <i>European Journal of Pharmacology</i> , 2004, 497, 81-86.	1.7	21
274	CD28 is required for T cell activation and IFN-gamma production by CD4 and CD8 T cells in response to infection. <i>Microbes and Infection</i> , 2004, 6, 1133-1144.	1.0	21
275	Endothelin-1 induces neutrophil recruitment in adaptive inflammation via TNF α and CXCL1/CXCR2 in mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 187-199.	0.7	21
276	Interleukin-4 Modulates the Inflammatory Response in Ifosfamide-Induced Hemorrhagic Cystitis. <i>Inflammation</i> , 2012, 35, 297-307.	1.7	21
277	The long-lasting sensitization of primary afferent nociceptors induced by inflammation involves prostanoid and dopaminergic systems in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 678-683.	1.3	21
278	5-Lipoxygenase Activity Increases Susceptibility to Experimental <i>Paracoccidioides brasiliensis</i> Infection. <i>Infection and Immunity</i> , 2013, 81, 1256-1266.	1.0	21
279	Targeting interleukin-1 β reduces intense acute swimming-induced muscle mechanical hyperalgesia in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 1009-1020.	1.2	21
280	Nitroxyl inhibits overt pain-like behavior in mice: Role of cGMP/PKG/ATP-sensitive potassium channel signaling pathway. <i>Pharmacological Reports</i> , 2014, 66, 691-698.	1.5	21
281	Anti-inflammatory and Anti-nociceptive Activity of Ruthenium Complexes with Isonicotinic and Nicotinic Acids (Niacin) as Ligands. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4439-4448.	2.9	21
282	Therapeutic Treatment of Arthritic Mice with 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J ₂ (15d-PGJ ₂) Ameliorates Disease through the Suppression of Th17 Cells and the Induction of CD4 ⁺ CD25 ⁺ FOXP3 ⁺ Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	21
283	Naringenin mitigates titanium dioxide (TiO ₂)-induced chronic arthritis in mice: role of oxidative stress, cytokines, and NF κ B. <i>Inflammation Research</i> , 2018, 67, 997-1012.	1.6	21
284	The citrus flavanone naringenin reduces gout-induced joint pain and inflammation in mice by inhibiting the activation of NF κ B and macrophage release of IL-1 β . <i>Journal of Functional Foods</i> , 2018, 48, 106-116.	1.6	21
285	Thimet Oligopeptidase (EC 3.4.24.15) Key Functions Suggested by Knockout Mice Phenotype Characterization. <i>Biomolecules</i> , 2019, 9, 382.	1.8	21
286	Effect of <i>Lutzomyia longipalpis</i> salivary gland extracts on leukocyte migration induced by <i>Leishmania major</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 88-94.	0.6	21
287	The role of carbon monoxide and nitric oxide in hyperosmolality-induced atrial natriuretic peptide release by hypothalamus in vitro. <i>Brain Research</i> , 2004, 1016, 33-39.	1.1	20
288	Anti-nociceptive effect of thalidomide on zymosan-induced experimental articular incapacitation. <i>European Journal of Pharmacology</i> , 2006, 536, 309-317.	1.7	20

#	ARTICLE	IF	CITATIONS
289	Leishmania infantum Parasites Subvert the Host Inflammatory Response through the Adenosine A2A Receptor to Promote the Establishment of Infection. <i>Frontiers in Immunology</i> , 2017, 8, 815.	2.2	20
290	Repurposing of the Nootropic Drug Vinpocetine as an Analgesic and Anti-Inflammatory Agent: Evidence in a Mouse Model of Superoxide Anion-Triggered Inflammation. <i>Mediators of Inflammation</i> , 2019, 2019, 1-14.	1.4	20
291	B lymphocyte-induced maturation protein 1 controls TH9 cell development, IL-9 production, and allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1119-1130.e3.	1.5	20
292	Adjunctive Benefits of Systemic Etoricoxib in Non-Surgical Treatment of Aggressive Periodontitis: Short-Term Evaluation. <i>Journal of Periodontology</i> , 2008, 79, 1719-1725.	1.7	19
293	Target Inhibition of IL-1 Receptor Prevents Ifosfamide Induced Hemorrhagic Cystitis in Mice. <i>Journal of Urology</i> , 2015, 194, 1777-1786.	0.2	19
294	Canonical PI3K β signaling in myeloid cells restricts Trypanosoma cruzi infection and dampens chagasic myocarditis. <i>Nature Communications</i> , 2018, 9, 1513.	5.8	19
295	TGF β 1 signaling sustains aryl hydrocarbon receptor (AHR) expression and restrains the pathogenic potential of TH17 cells by an AHR-independent mechanism. <i>Cell Death and Disease</i> , 2018, 9, 1130.	2.7	19
296	Decreased levels of alpha-1-acid glycoprotein are related to the mortality of septic patients in the emergency department. <i>Clinics</i> , 2013, 68, 1134-1139.	0.6	19
297	Toxicity of spike fragments SARS-CoV-2 S protein for zebrafish: A tool to study its hazardous for human health?. <i>Science of the Total Environment</i> , 2022, 813, 152345.	3.9	19
298	Differential Tumor Microenvironment in Human Ovarian Cystic Tumors. <i>Tumori</i> , 2004, 90, 491-497.	0.6	18
299	Effect of salivary gland extract of Leishmania vector, Lutzomyia longipalpis, on leukocyte migration in OVA-induced immune peritonitis. <i>European Journal of Immunology</i> , 2005, 35, 2424-2433.	1.6	18
300	Cysteinyl-leukotriene type 1 receptors transduce a critical signal for the up-regulation of eosinophilopoiesis by interleukin-13 and eotaxin in murine bone marrow. <i>Journal of Leukocyte Biology</i> , 2010, 87, 885-893.	1.5	18
301	Strontium ranelate analgesia in arthritis models is associated to decreased cytokine release and opioid-dependent mechanisms. <i>Inflammation Research</i> , 2015, 64, 781-787.	1.6	18
302	Neutrophil Recruitment and Articular Hyperalgesia in Antigen-Induced Arthritis are Modulated by the Cholinergic Anti-inflammatory Pathway. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 453-457.	1.2	18
303	Contribution of spinal cord glial cells to L. amazonensis experimental infection-induced pain in BALB/c mice. <i>Journal of Neuroinflammation</i> , 2019, 16, 113.	3.1	18
304	Nanobodies dismantle post-apoptotic ASC specks and counteract inflammation <i>in vivo</i> . <i>EMBO Molecular Medicine</i> , 2022, 14, e15415.	3.3	18
305	Production of singlet oxygen by eosinophils activated in vitro by C5a and leukotriene B4. <i>FEBS Letters</i> , 1999, 453, 265-268.	1.3	17
306	Induction of bone-marrow eosinophilia in mice submitted to surgery is dependent on stress-induced secretion of glucocorticoids. <i>British Journal of Pharmacology</i> , 2004, 143, 541-548.	2.7	17

#	ARTICLE	IF	CITATIONS
307	Routine abdominal drains after Roux-en-Y gastric bypass: a prospective evaluation of the inflammatory response. <i>Surgery for Obesity and Related Diseases</i> , 2010, 6, 648-652.	1.0	17
308	Protective Role of 5-Lipoxygenase during <i>Leishmania infantum</i> Infection Is Associated with Th17 Subset. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	17
309	The Atypical Chemokine Receptor ACKR2 is Protective Against Sepsis. <i>Shock</i> , 2018, 49, 682-689.	1.0	17
310	Interleukin-33 Receptor (ST2) Deficiency Improves the Outcome of Staphylococcus aureus-Induced Septic Arthritis. <i>Frontiers in Immunology</i> , 2018, 9, 962.	2.2	17
311	The carotid body detects circulating tumor necrosis factor-alpha to activate a sympathetic anti-inflammatory reflex. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 370-386.	2.0	17
312	Leukotriene B4 is essential for selective eosinophil recruitment following allergen challenge of CD4+ cells in a model of chronic eosinophilic inflammation. <i>Life Sciences</i> , 2008, 83, 214-222.	2.0	16
313	Anticoagulant and fibrinolytic properties of the venom of <i>Polybia occidentalis</i> social wasp. <i>Blood Coagulation and Fibrinolysis</i> , 2010, 21, 653-659.	0.5	16
314	<i>Legionella longbeachae</i> is immunologically silent and highly virulent <i>in vivo</i> . <i>Journal of Infectious Diseases</i> , 2017, 215, jiw560.	1.9	16
315	Pharmacological opportunities to control inflammatory diseases through inhibition of the leukocyte recruitment. <i>Pharmacological Research</i> , 2016, 112, 37-48.	3.1	16
316	From neuroimmunomodulation to bioelectronic treatment of rheumatoid arthritis. <i>Bioelectronics in Medicine</i> , 2018, 1, 151-165.	2.0	16
317	TLR4 abrogates the Th1 immune response through IRF1 and IFN- γ to prevent immunopathology during <i>L. infantum</i> infection. <i>PLoS Pathogens</i> , 2020, 16, e1008435.	2.1	16
318	Oral treatments with a flavonoid-enriched fraction from <i>Cecropia hololeuca</i> and with rutin reduce articular pain and inflammation in murine zymosan-induced arthritis. <i>Journal of Ethnopharmacology</i> , 2020, 260, 112841.	2.0	16
319	MyD88-, but Not Nod1- and/or Nod2-Deficient Mice, Show Increased Susceptibility to Polymicrobial Sepsis due to Impaired Local Inflammatory Response. <i>PLoS ONE</i> , 2014, 9, e103734.	1.1	16
320	Reduction of ICAM-1 expression by carbon monoxide via soluble guanylate cyclase activation accounts for modulation of neutrophil migration. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 381, 483-493.	1.4	15
321	Histamine H2 Receptor Signaling in the Pathogenesis of Sepsis: Studies in a Murine Diabetes Model. <i>Journal of Immunology</i> , 2013, 191, 1373-1382.	0.4	15
322	Heme Oxygenase Inhibition Enhances Neutrophil Migration Into the Bronchoalveolar Spaces and Improves the Outcome of Murine Pneumonia-Induced Sepsis. <i>Shock</i> , 2013, 39, 389-396.	1.0	15
323	The Quassinoid Isobrucein B Reduces Inflammatory Hyperalgesia and Cytokine Production by Post-transcriptional Modulation. <i>Journal of Natural Products</i> , 2015, 78, 241-249.	1.5	15
324	Nucleosides Present on Phlebotomine Saliva Induce Immunossuppression and Promote the Infection Establishment. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003600.	1.3	15

#	ARTICLE	IF	CITATIONS
325	Medial plantar nerve ligation as a novel model of neuropathic pain in mice: pharmacological and molecular characterization. <i>Scientific Reports</i> , 2016, 6, 26955.	1.6	15
326	Investigations on the biology, epidemiology, pathology and control of <i>Tunga penetrans</i> in Brazil. V. Cytokine concentrations in experimentally infected Wistar rats. <i>Parasitology Research</i> , 2004, 94, 371-376.	0.6	14
327	Pharmacodynamics, Chiral Pharmacokinetics, and Pharmacokinetic-Pharmacodynamic Modeling of Fenoprofen in Patients With Diabetes Mellitus. <i>Journal of Clinical Pharmacology</i> , 2006, 46, 1328-1336.	1.0	14
328	Angiotensin II potentiates inflammatory edema in rats: Role of mast cell degranulation. <i>European Journal of Pharmacology</i> , 2006, 540, 175-182.	1.7	14
329	LPS from <i>Escherichia coli</i> protects against indomethacin-induced gastropathy in rats—Role of ATP-sensitive potassium channels. <i>European Journal of Pharmacology</i> , 2006, 547, 136-142.	1.7	14
330	Docking, synthesis and pharmacological activity of novel urea-derivatives designed as p38 MAPK inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 264-271.	2.6	14
331	The protein LJM 111 from <i>Lutzomyia longipalpis</i> Salivary Gland Extract (SGE) accounts for the SGE-inhibitory effects upon inflammatory parameters in experimental arthritis model. <i>International Immunopharmacology</i> , 2012, 12, 603-610.	1.7	14
332	Taurine supplementation increases irisin levels after high intensity physical training in obese women. <i>Cytokine</i> , 2019, 123, 154741.	1.4	14
333	SN-38, the active metabolite of irinotecan, inhibits the acute inflammatory response by targeting toll-like receptor 4. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 84, 287-298.	1.1	14
334	Pyronaridine Protects against SARS-CoV-2 Infection in Mouse. <i>ACS Infectious Diseases</i> , 2022, 8, 1147-1160.	1.8	14
335	ANTI-INFLAMMATORY AND ANTI-NOCICEPTIVE ACTIVITY OF RISEDRONATE IN EXPERIMENTAL PAIN MODELS IN RATS AND MICE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 601-606.	0.9	13
336	Regulation of angiotensin II receptors levels during rat induced pulpitis. <i>Regulatory Peptides</i> , 2007, 140, 27-31.	1.9	13
337	Cholecystokinin Inhibits Inducible Nitric Oxide Synthase Expression by Lipopolysaccharide-Stimulated Peritoneal Macrophages. <i>Mediators of Inflammation</i> , 2014, 2014, 1-14.	1.4	13
338	Meniscal transection rather than excision increases pain behavior and structural damage in experimental osteoarthritis in mice. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1878-1885.	0.6	13
339	A novel model of megavoltage radiation-induced oral mucositis in hamsters: Role of inflammatory cytokines and nitric oxide. <i>International Journal of Radiation Biology</i> , 2015, 91, 500-509.	1.0	13
340	The Sesquiterpene Lactone, Budlein A, Inhibits Antigen-Induced Arthritis in Mice: Role of NF- κ B and Cytokines. <i>Inflammation</i> , 2017, 40, 2020-2032.	1.7	13
341	Differential regulation of oxidative stress and cytokine production by endothelin ETA and ETB receptors in superoxide anion-induced inflammation and pain in mice. <i>Journal of Drug Targeting</i> , 2017, 25, 264-274.	2.1	13
342	Neutrophils contribute to the pathogenesis of hemorrhagic cystitis induced by ifosfamide. <i>International Immunopharmacology</i> , 2018, 62, 96-108.	1.7	13

#	ARTICLE	IF	CITATIONS
343	Frontline Science: Blood-circulating leukocytes fail to infiltrate the spinal cord parenchyma after spared nerve injury. <i>Journal of Leukocyte Biology</i> , 2019, 106, 541-551.	1.5	13
344	S100A9 plays a pivotal role in a mouse model of herpetic neuralgia via TLR4/TNF pathway. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 353-362.	2.0	13
345	Nuclear PTEN enhances the maturation of a microRNA regulon to limit MyD88-dependent susceptibility to sepsis. <i>Science Signaling</i> , 2018, 11, .	1.6	13
346	Different inflammatory mediators induce inflammation and pain after application of liquid nitrogen to the skin. <i>Cryobiology</i> , 2006, 53, 319-329.	0.3	12
347	Amifostine (Wr-2721) Prevents Indomethacin-Induced Gastric Damage in Rats: Role of Non-Protein Sulfhydryl Groups and Leukocyte Adherence. <i>Digestive Diseases and Sciences</i> , 2007, 52, 119-125.	1.1	12
348	Anti-inflammatory activity and possible mechanism of extract from <l>Mikania laevigata</l> in carrageenan-induced peritonitis. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 1097-1104.	1.2	12
349	Collagen induced arthritis (CIA) in mice features regulatory transcriptional network connecting major histocompatibility complex (MHC H2) with autoantigen genes in the thymus. <i>Immunobiology</i> , 2011, 216, 591-603.	0.8	12
350	Spinal GABA-B receptor modulates neutrophil recruitment to the knee joint in zymosan-induced arthritis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 851-861.	1.4	12
351	Galectin-3 aggravates experimental polymicrobial sepsis by impairing neutrophil recruitment to the infectious focus. <i>Journal of Infection</i> , 2018, 77, 391-397.	1.7	12
352	CCR5-Positive Inflammatory Monocytes are Crucial for Control of Sepsis. <i>Shock</i> , 2019, 52, e100-e106.	1.0	12
353	NLRP12 controls arthritis severity by acting as a checkpoint inhibitor of Th17 cell differentiation. <i>FASEB Journal</i> , 2020, 34, 10907-10919.	0.2	12
354	Partial characterization of the RNA from LPS-stimulated macrophages that induces the release of chemotactic cytokines by resident macrophages. <i>Molecular and Cellular Biochemistry</i> , 1995, 148, 105-113.	1.4	11
355	Divergent Role OF Heme Oxygenase Inhibition in the Pathogenesis of Sepsis. <i>Shock</i> , 2011, 35, 550-559.	1.0	11
356	The role of PAF/PAFR signaling in zymosan-induced articular inflammatory hyperalgesia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 51-59.	1.4	11
357	The Acute Phase of Trypanosoma cruzi Infection Is Attenuated in 5-Lipoxygenase-Deficient Mice. <i>Mediators of Inflammation</i> , 2014, 2014, 1-17.	1.4	11
358	Haeme oxygenase activity protects the host against excessive cardiac inflammation during experimental Trypanosoma cruzi infection. <i>Microbes and Infection</i> , 2014, 16, 28-39.	1.0	11
359	Cortical stimulation in conscious rats controls joint inflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 84, 201-213.	2.5	11
360	Biomass smoke COPD has less tomographic abnormalities but worse hypoxemia compared with tobacco COPD. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8233.	0.7	11

#	ARTICLE	IF	CITATIONS
361	Oral health-related quality of life among individuals with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2019, 38, 2433-2441.	1.0	11
362	Choline attenuates inflammatory hyperalgesia activating nitric oxide/cGMP/ATP-sensitive potassium channels pathway. <i>Brain Research</i> , 2020, 1727, 146567.	1.1	11
363	Liver X Receptor Activation Impairs Neutrophil Functions and Aggravates Sepsis. <i>Journal of Infectious Diseases</i> , 2020, 221, 1542-1553.	1.9	11
364	Uncaria tomentosa reduces osteoclastic bone loss in vivo. <i>Phytomedicine</i> , 2020, 79, 153327.	2.3	11
365	Sepsis-Induced Immunosuppression Is Marked by an Expansion of a Highly Suppressive Repertoire of FOXP3+ T-Regulatory Cells Expressing TIGIT. <i>Journal of Infectious Diseases</i> , 2022, 225, 531-541.	1.9	11
366	The endogenous cytokine profile and nerve fibre density in mouse ear <i>Leishmania major</i> -induced lesions related to nociceptive thresholds. <i>Experimental Parasitology</i> , 2013, 133, 193-200.	0.5	10
367	Inflammation, Myocardial Dysfunction, and Mortality in Children With Septic Shock: An Observational Study. <i>Pediatric Cardiology</i> , 2014, 35, 463-470.	0.6	10
368	Blockade of bradykinin receptors or angiotensin II type 2 receptor prevents paclitaxel-associated acute pain syndrome in mice. <i>European Journal of Pain</i> , 2021, 25, 189-198.	1.4	10
369	Intense Acute Swimming Induces Delayed-Onset Muscle Soreness Dependent on Spinal Cord Neuroinflammation. <i>Frontiers in Pharmacology</i> , 2021, 12, 734091.	1.6	10
370	Aryl hydrocarbon receptor (AhR) activation contributes to high-fat diet-induced vascular dysfunction. <i>British Journal of Pharmacology</i> , 2022, 179, 2938-2952.	2.7	10
371	NDP-MSH inhibits neutrophil migration through nicotinic and adrenergic receptors in experimental peritonitis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 311-318.	1.4	9
372	Novel bisabolane derivative from <i>Arnica montana</i> (Vernoniae: Asteraceae) reduces pro-nociceptive cytokines levels in LPS-stimulated rat macrophages. <i>Journal of Ethnopharmacology</i> , 2013, 148, 993-998.	2.0	9
373	Interleukin-10 rs1800896 and CXCR2 rs1126579 polymorphisms modulate the predisposition to septic shock. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 453-460.	0.8	9
374	Mechanisms underlying the hyperalgesic responses triggered by joint activation of TLR4. <i>Pharmacological Reports</i> , 2016, 68, 1293-1300.	1.5	9
375	Chronic <i>Toxoplasma gondii</i> Infection Exacerbates Secondary Polymicrobial Sepsis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 116.	1.8	9
376	Thirty days after anterior cruciate ligament transection is sufficient to induce signs of knee osteoarthritis in rats: pain, functional impairment, and synovial inflammation. <i>Inflammation Research</i> , 2020, 69, 279-288.	1.6	9
377	Neural Infection by Oropouche Virus in Adult Human Brain Slices Induces an Inflammatory and Toxic Response. <i>Frontiers in Neuroscience</i> , 2021, 15, 674576.	1.4	9
378	An intravascular chemoattractant lectin inhibits neutrophil migration. <i>Glycoconjugate Journal</i> , 1998, 15, 527-529.	1.4	8

#	ARTICLE	IF	CITATIONS
379	The pattern of immune cell infiltration in chromoblastomycosis: involvement of macrophage inflammatory protein-1 alpha/CCL3 and fungi persistence. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2007, 49, 49-53.	0.5	8
380	Mechanisms affecting neutrophil migration capacity in breast cancer patients before and after chemotherapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 73, 317-324.	1.1	8
381	Articular inflammation induced by an enzymatically-inactive Lys49 phospholipase A2: activation of endogenous phospholipases contributes to the pronociceptive effect. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 18.	0.8	8
382	Inhibition of spinal p38 MAPK prevents articular neutrophil infiltration in experimental arthritis via sympathetic activation. <i>Fundamental and Clinical Pharmacology</i> , 2018, 32, 155-162.	1.0	8
383	Sleep restriction during peripuberty unbalances sexual hormones and testicular cytokines in rats. <i>Biology of Reproduction</i> , 2019, 100, 112-122.	1.2	8
384	CCR2-deficient mice are protected to sepsis by the disruption of the inflammatory monocytes emigration from the bone marrow. <i>Journal of Leukocyte Biology</i> , 2021, 109, 1063-1070.	1.5	8
385	CCR2 Plays a Protective Role in Rocio Virus-Induced Encephalitis by Promoting Macrophage Infiltration Into the Brain. <i>Journal of Infectious Diseases</i> , 2019, 219, 2015-2025.	1.9	8
386	Neutrophil extracellular traps (NETs) modulate inflammatory profile in obese humans and mice: adipose tissue role on NETs levels. <i>Molecular Biology Reports</i> , 2022, 49, 3225-3236.	1.0	8
387	Dual effect of cAMP on the writhing response in mice. <i>European Journal of Pharmacology</i> , 2001, 416, 223-230.	1.7	7
388	Glutamine depletion potentiates leucocyte-dependent inflammatory events induced by carrageenan or Clostridium difficile toxin A in rats. <i>Immunology</i> , 2005, 116, 328-336.	2.0	7
389	Inhibition of peripheral anion exchanger 3 decreases formalin-induced pain. <i>European Journal of Pharmacology</i> , 2014, 738, 91-100.	1.7	7
390	Galactosylceramide suppresses murine eosinophil production through interferon- γ -dependent induction of NO synthase and CD95. <i>British Journal of Pharmacology</i> , 2015, 172, 3313-3325.	2.7	7
391	Probulcol attenuates overt pain-like behavior and carrageenan-induced inflammatory hyperalgesia and leukocyte recruitment by inhibiting NF- κ B activation and cytokine production without antioxidant effects. <i>Inflammation Research</i> , 2017, 66, 591-602.	1.6	7
392	IL-33 and ST2 as predictors of disease severity in children with viral acute lower respiratory infection. <i>Cytokine</i> , 2020, 127, 154965.	1.4	7
393	Experimental Trypanosoma cruzi Infection Induces Pain in Mice Dependent on Early Spinal Cord Glial Cells and NF- κ B Activation and Cytokine Production. <i>Frontiers in Immunology</i> , 2020, 11, 539086.	2.2	7
394	COVID-19 bimodal clinical and pathological phenotypes. <i>Clinical and Translational Medicine</i> , 2022, 12, e648.	1.7	7
395	Efeito de inibidores da sintase de N^3 xido n A trico na dor inflamator A ria articular e influxo celular da artrite induzida por zymosan em ratos. <i>Revista Brasileira De Reumatologia</i> , 2003, 43, 206-217.	0.8	6
396	ATP-Sensitive Potassium Channel Blockage Attenuates Cisplatin-Induced Renal Damage. <i>Kidney and Blood Pressure Research</i> , 2007, 30, 289-298.	0.9	6

#	ARTICLE	IF	CITATIONS
397	Essential Roles of PKA, iNOS, CD95/CD95L, and Terminal Caspases in Suppression of Eosinopoiesis by PGE2 and Other cAMP-Elevating Agents. <i>Scientific World Journal, The</i> , 2013, 2013, 1-13.	0.8	6
398	Pharmacological Beta-Adrenergic Receptor Activation Attenuates Neutrophil Recruitment by a Mechanism Dependent on Nicotinic Receptor and the Spleen. <i>Inflammation</i> , 2016, 39, 1405-1413.	1.7	6
399	Exposure to low doses of malathion during juvenile and peripubertal periods impairs testicular and sperm parameters in rats: Role of oxidative stress and testosterone. <i>Reproductive Toxicology</i> , 2020, 96, 17-26.	1.3	6
400	The PI3K β /AKT signaling pathway mediates peripheral antinociceptive action of dipyron. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 364-370.	1.0	6
401	Development of a lethal model of peritonitis for assessment of laparoscopic and laparotomic treatments in rats. <i>Acta Cirurgica Brasileira</i> , 2007, 22, 39-42.	0.3	6
402	Toxic mechanisms of cigarette smoke and heat-not-burn tobacco vapor inhalation on rheumatoid arthritis. <i>Science of the Total Environment</i> , 2021, 809, 151097.	3.9	6
403	Methotrexate promotes recovery of arthritis-induced alveolar bone loss and modifies the composition of the oral-gut microbiota. <i>Anaerobe</i> , 2022, 75, 102577.	1.0	6
404	Reappraisal of total body irradiation followed by bone marrow transplantation as a therapy for inflammatory bowel disease. <i>Immunobiology</i> , 2013, 218, 317-324.	0.8	5
405	Paradoxical interaction between cancer and long-term postsepsis disorder: impairment of de novo carcinogenesis versus favoring the growth of established tumors. , 2020, 8, e000129.		5
406	Hydroquinone Exposure Worsens Rheumatoid Arthritis through the Activation of the Aryl Hydrocarbon Receptor and Interleukin-17 Pathways. <i>Antioxidants</i> , 2021, 10, 929.	2.2	5
407	Inducible nitric oxide synthase (NOS2) knockout mice as a model of trichotillomania. <i>PeerJ</i> , 2018, 6, e4635.	0.9	5
408	Histological and molecular temporomandibular joint analyses after mandibular advancement surgery: study in minipigs. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, 331-338.	1.6	4
409	Lipopolysaccharide from <i>Escherichia coli</i> prevents indomethacin-induced gastric damage in rats: role of non-protein sulfhydryl groups and leukocyte adherence. <i>Inflammation Research</i> , 2009, 58, 717-723.	1.6	4
410	Hepatic Osteodystrophy: The Mechanism of Bone Loss in Hepatocellular Disease and the Effects of Pamidronate Treatment. <i>Clinics</i> , 2017, 72, 231-237.	0.6	4
411	Endothelial Nox2 Limits Systemic Inflammation and Hypotension in Endotoxemia by Controlling Expression of Toll-Like Receptor 4. <i>Shock</i> , 2021, 56, 268-277.	1.0	4
412	Nitric Oxide Donors with Therapeutic Strategic in Experimental & Schistosomiasis Mansonii. <i>American Journal of Immunology</i> , 2014, 10, 225-239.	0.1	3
413	Gastro-protective effects of isobrucein B, a quassinoid isolated from <i>Picrolemma sprucei</i> . <i>Farmacoterapia</i> , 2014, 95, 8-15.	1.1	3
414	Blockage of Eosinopoiesis by IL-17A Is Prevented by Cytokine and Lipid Mediators of Allergic Inflammation. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	1.4	3

#	ARTICLE	IF	CITATIONS
415	Synthesis, Aqueous Solubility, Metabolic Stability and Pharmacological Profile of Simplified Urea Derivatives. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 766-777.	0.4	3
416	Letter to the Editor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, e128.	1.1	2
417	Anti-inflammatory and Immunomodulatory Effect of an Extract of <i>Coccidioides posadasii</i> in Experimental Arthritis. <i>Mycopathologia</i> , 2013, 175, 193-206.	1.3	2
418	The host control of a clinical isolate strain of <i>P. aeruginosa</i> infection is independent of Nod-1 but depends on MyD88. <i>Inflammation Research</i> , 2018, 67, 435-443.	1.6	2
419	Regulation of murine arthritis by systemic, spinal, and intra-articular adrenoceptors. <i>Pharmacological Reports</i> , 2019, 71, 1095-1103.	1.5	2
420	Chemical Composition and Acaricidal Activity against <i>Tetranychus urticae</i> of Essential Oil from <i>Marsypianthes chamaedrys</i> (Vahl.) Kuntze. <i>Revista Virtual De Quimica</i> , 2016, 8, .	0.1	2
421	Citrullinated human fibrinogen triggers arthritis through an inflammatory response mediated by IL-23/IL-17 immune axis. <i>International Immunopharmacology</i> , 2021, 101, 108363.	1.7	2
422	Clinical-Like Cryotherapy in Acute Knee Arthritis Protects Neuromuscular Junctions of Quadriceps and Reduces Joint Inflammation in Mice. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	2
423	The Effect of Laparoscopy Access and Antibiotics on the Outcome of Severe Bacterial Peritonitis in Rats. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2008, 18, 5-12.	0.5	1
424	Colitis generates remote antinociception in rats: the role of the l-arginine/NO/cGMP/PKG/KATP pathway and involvement of cannabinoid and opioid systems. <i>Inflammation Research</i> , 2014, 63, 969-977.	1.6	1
425	Experimental Model of Rectal Carcinogenesis Induced By N-Methyl-N-Nitrosoguanidine In Mice with Endoscopic Evaluation. <i>International Journal of Medical Sciences</i> , 2020, 17, 2505-2510.	1.1	1
426	Neutrophils in the Context of Polymicrobial Sepsis. , 2012, , 20-36.		1
427	A Novel Murine Model of a High Dose Brachytherapy-Induced Actinic Proctitis. <i>Frontiers in Oncology</i> , 2022, 12, 802621.	1.3	1
428	Resistin contributes perivascular adipose tissue dysfunction in a rheumatoid arthritis mouse model. <i>FASEB Journal</i> , 2022, 36, .	0.2	1
429	Histone Deacetylase Inhibitors and Filgrastim Do Not Synergize with ATRA in the Induction of Changes of Acute Promyelocytic Leukemia Cells Adhesive Properties.. <i>Blood</i> , 2004, 104, 2548-2548.	0.6	0
430	Acute necrotizing pancreatitis shock and the sGC/cGMP system: methylene blue use as pharmacological tool. <i>FASEB Journal</i> , 2009, 23, 794.11.	0.2	0
431	Effect of tumor-associated macrophages on neoplastic progression in sepsis-surviving mice through CXCL12/CXCR4.. <i>Journal of Clinical Oncology</i> , 2015, 33, e22107-e22107.	0.8	0
432	Clinical-like cryotherapy in acute knee arthritis of the knee improves inflammation signs, pain, joint swelling, and motor performance in mice. <i>PLoS ONE</i> , 2022, 17, e0261667.	1.1	0