

Fernando Queiroz Cunha

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ext. papers

19,990
ext. citations

5.7
avg, IF

6.32
L-index

#	Paper	IF	Citations
4 ²⁶	Hypernociceptive role of cytokines and chemokines: targets for analgesic drug development? 2006 , 112, 116-38		404
4 ²⁵	Involvement of resident macrophages and mast cells in the writhing nociceptive response induced by zymosan and acetic acid in mice. <i>European Journal of Pharmacology</i> , 2000 , 387, 111-8	5.3	374
4 ²⁴	Interleukin-33 attenuates sepsis by enhancing neutrophil influx to the site of infection. <i>Nature Medicine</i> , 2010 , 16, 708-12	50.5	338
4 ²³	SARS-CoV-2-triggered neutrophil extracellular traps mediate COVID-19 pathology. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	325
4 ²²	Inflammasomes are activated in response to SARS-CoV-2 infection and are associated with COVID-19 severity in patients. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	273
4 ²¹	Regulation of chemokine receptor by Toll-like receptor 2 is critical to neutrophil migration and resistance to polymicrobial sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4018-23	11.5	241
4 ²⁰	Crucial role of neutrophils in the development of mechanical inflammatory hypernociception. <i>Journal of Leukocyte Biology</i> , 2008 , 83, 824-32	6.5	228
4 ¹⁹	Production of nitric oxide and superoxide by activated macrophages and killing of <i>Leishmania major</i> . <i>European Journal of Immunology</i> , 1994 , 24, 672-6	6.1	220
4 ¹⁸	IL-33 induces neutrophil migration in rheumatoid arthritis and is a target of anti-TNF therapy. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 1697-703	2.4	202
4 ¹⁷	<i>Trypanosoma cruzi</i> -infected cardiomyocytes produce chemokines and cytokines that trigger potent nitric oxide-dependent trypanocidal activity. <i>Circulation</i> , 2000 , 102, 3003-8	16.7	195
4 ¹⁶	Neutrophil Extracellular Traps Induce Organ Damage during Experimental and Clinical Sepsis. <i>PLoS ONE</i> , 2016 , 11, e0148142	3.7	186
4 ¹⁵	NLRP3 inflammasome-mediated neutrophil recruitment and hypernociception depend on leukotriene B(4) in a murine model of gout. <i>Arthritis and Rheumatism</i> , 2012 , 64, 474-84		167
4 ¹⁴	Growth phase-dependent subcellular localization of nitric oxide synthase in maize cells. <i>FEBS Letters</i> , 1999 , 445, 283-6	3.8	165
4 ¹³	Paclitaxel Reduces Tumor Growth by Reprogramming Tumor-Associated Macrophages to an M1 Profile in a TLR4-Dependent Manner. <i>Cancer Research</i> , 2018 , 78, 5891-5900	10.1	163
4 ¹²	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, 2723-8	11.5	156
4 ¹¹	Morphine peripheral analgesia depends on activation of the PI3Kgamma/AKT/nNOS/NO/KATP signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4442-7	11.5	155
4 ¹⁰	IL-17 receptor signaling is required to control polymicrobial sepsis. <i>Journal of Immunology</i> , 2009 , 182, 7846-54	5.3	154

409	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, 3680-5	11.5	154
408	Neutrophil paralysis in sepsis. <i>Shock</i> , 2010 , 34 Suppl 1, 15-21	3.4	148
407	Nitric oxide synthase-mediated phytoalexin accumulation in soybean cotyledons in response to the <i>Diaporthe phaseolorum</i> f. sp. <i>meridionalis</i> elicitor. <i>Plant Physiology</i> , 2002 , 130, 1288-97	6.6	140
406	Periodontal pathogens directly promote autoimmune experimental arthritis by inducing a TLR2- and IL-1-driven Th17 response. <i>Journal of Immunology</i> , 2014 , 192, 4103-11	5.3	128
405	Neutrophil migration in inflammation: nitric oxide inhibits rolling, adhesion and induces apoptosis. <i>Nitric Oxide - Biology and Chemistry</i> , 2003 , 9, 153-64	5	128
404	Toll-like receptor 4 signaling leads to neutrophil migration impairment in polymicrobial sepsis. <i>Critical Care Medicine</i> , 2006 , 34, 461-70	1.4	127
403	IL-17 mediates articular hypernociception in antigen-induced arthritis in mice. <i>Pain</i> , 2010 , 148, 247-256	8	123
402	Heme oxygenase/carbon monoxide-biliverdin pathway down regulates neutrophil rolling, adhesion and migration in acute inflammation. <i>British Journal of Pharmacology</i> , 2006 , 149, 345-54	8.6	121
401	Quercetin reduces inflammatory pain: inhibition of oxidative stress and cytokine production. <i>Journal of Natural Products</i> , 2009 , 72, 1975-9	4.9	119
400	Impaired neutrophil chemotaxis in sepsis associates with GRK expression and inhibition of actin assembly and tyrosine phosphorylation. <i>Blood</i> , 2006 , 108, 2906-13	2.2	116
399	Inhibition of leukocyte rolling by nitric oxide during sepsis leads to reduced migration of active microbicidal neutrophils. <i>Infection and Immunity</i> , 2002 , 70, 3602-10	3.7	116
398	Tumour necrosis factor-alpha, interleukin-1beta and interleukin-8 induce persistent mechanical nociceptor hypersensitivity. <i>Pain</i> , 2002 , 96, 89-97	8	116
397	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, 490-7	10.2	114
396	Failure of neutrophil chemotactic function in septic patients. <i>Critical Care Medicine</i> , 2002 , 30, 1056-61	1.4	111
395	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, 234-42	10.2	110
394	MIP-1alpha[CCL3] acting on the CCR1 receptor mediates neutrophil migration in immune inflammation via sequential release of TNF-alpha and LTB4. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 167-77	6.5	108
393	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, 102-8	4.7	107
392	IL-33 contributes to sepsis-induced long-term immunosuppression by expanding the regulatory T cell population. <i>Nature Communications</i> , 2017 , 8, 14919	17.4	106

391	Paradoxical Roles of the Neutrophil in Sepsis: Protective and Deleterious. <i>Frontiers in Immunology</i> , 2016 , 7, 155	8.4	106
390	A crucial role for TNF-alpha in mediating neutrophil influx induced by endogenously generated or exogenous chemokines, KC/CXCL1 and LIX/CXCL5. <i>British Journal of Pharmacology</i> , 2009 , 158, 779-89	8.6	105
389	Beneficial effects of colchicine for moderate to severe COVID-19: a randomised, double-blinded, placebo-controlled clinical trial. <i>RMD Open</i> , 2021 , 7,	5.9	102
388	Spinal cord oligodendrocyte-derived alarmin IL-33 mediates neuropathic pain. <i>FASEB Journal</i> , 2016 , 30, 54-65	0.9	99
387	Prostaglandin mediates IL-23/IL-17-induced neutrophil migration in inflammation by inhibiting IL-12 and IFNgamma production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5954-9	11.5	99
386	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, 14138-43	11.5	95
385	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, 2509-14	11.5	93
384	Differential expression of osteoblast and osteoclast chemoattractants in compression and tension sides during orthodontic movement. <i>Cytokine</i> , 2008 , 42, 330-5	4	91
383	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, 155-63	5.3	91
382	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, 132-42	8.6	91
381	The role of Nox2-derived ROS in the development of cognitive impairment after sepsis. <i>Journal of Neuroinflammation</i> , 2014 , 11, 36	10.1	88
380	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, 11193-8	11.5	88
379	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, 360-8	10.2	87
378	CXCR2-specific chemokines mediate leukotriene B4-dependent recruitment of neutrophils to inflamed joints in mice with antigen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2030-40		85
377	IL-18 enhances collagen-induced arthritis by recruiting neutrophils via TNF-alpha and leukotriene B4. <i>Journal of Immunology</i> , 2003 , 171, 1009-15	5.3	85
376	Involvement of LTB4 in zymosan-induced joint nociception in mice: participation of neutrophils and PGE2. <i>Journal of Leukocyte Biology</i> , 2008 , 83, 122-30	6.5	80
375	Role of cytokines (TNF-alpha, IL-1beta 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, 775-84	3.5	80
374	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	5	78

373	Analgesic effect of thalidomide on inflammatory pain. <i>European Journal of Pharmacology</i> , 2000 , 391, 97-103	5.3	78
372	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, 764-70	4.7	77
371	Cannabidiol decreases bone resorption by inhibiting RANK/RANKL expression and pro-inflammatory cytokines during experimental periodontitis in rats. <i>International Immunopharmacology</i> , 2009 , 9, 216-22	5.8	77
370	Irinotecan- and 5-fluorouracil-induced intestinal mucositis: insights into pathogenesis and therapeutic perspectives. <i>Cancer Chemotherapy and Pharmacology</i> , 2016 , 78, 881-893	3.5	77
369	Lipopolysaccharide induces inflammatory hyperalgesia triggering a TLR4/MyD88-dependent cytokine cascade in the mice paw. <i>PLoS ONE</i> , 2014 , 9, e90013	3.7	76
368	The essential role of IFN-gamma in the control of lethal <i>Aggregatibacter actinomycetemcomitans</i> infection in mice. <i>Microbes and Infection</i> , 2008 , 10, 489-96	9.3	76
367	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, 1468-76	7	75
366	The involvement of CD4+CD25+ T cells in the acute phase of <i>Trypanosoma cruzi</i> infection. <i>Microbes and Infection</i> , 2008 , 10, 825-33	9.3	75
365	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, 1321-9	9.3	75
364	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, 4287-98	5.3	74
363	Protective effects of atorvastatin in rat models of acute pulmonary embolism: involvement of matrix metalloproteinase-9. <i>Critical Care Medicine</i> , 2007 , 35, 239-45	1.4	74
362	Anti-inflammatory effects of red pepper (<i>Capsicum baccatum</i>) on carrageenan- and antigen-induced inflammation. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 473-8	4.8	73
361	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, 819-27	9.3	73
360	Role of regulatory T cells in long-term immune dysfunction associated with severe sepsis. <i>Critical Care Medicine</i> , 2010 , 38, 1718-25	1.4	71
359	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, 9220-5	11.5	70
358	TNF-alpha and IL-1beta mediate inflammatory hypernociception in mice triggered by B1 but not B2 kinin receptor. <i>European Journal of Pharmacology</i> , 2007 , 573, 221-9	5.3	70
357	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	6.3	70
356	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	4.9	69

355	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, 2176-85	1.4	68
354	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	8	67
353	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	1.5	65
352	TNF-alpha 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, 2297-306	6.1	65
351	Inhibition of iNOS induces antidepressant-like effects in mice: pharmacological and genetic evidence. <i>Neuropharmacology</i> , 2012 , 62, 485-91	5.5	62
350	Dual role of hydrogen sulfide in mechanical inflammatory hypernociception. <i>European Journal of Pharmacology</i> , 2008 , 590, 127-35	5.3	62
349	IL-15 mediates antigen-induced neutrophil migration by triggering IL-18 production. <i>European Journal of Immunology</i> , 2007 , 37, 3373-80	6.1	62
348	The ATP-sensitive potassium channel blocker glibenclamide prevents renal ischemia/reperfusion injury in rats. <i>Kidney International</i> , 2005 , 67, 1785-96	9.9	61
347	CCR2 Expression in Neutrophils Plays a Critical Role in Their Migration Into the Joints in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015 , 67, 1751-9	9.5	59
346	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	5	59
345	Interferon-gamma-induced nitric oxide causes intrinsic intestinal denervation in Trypanosoma cruzi-infected mice. <i>American Journal of Pathology</i> , 2004 , 164, 1361-8	5.8	59
344	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, 243-9	5.3	59
343	15d-prostaglandin J2 inhibits inflammatory hypernociception: involvement of peripheral opioid receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 313-21	4.7	58
342	Hypernociception elicited by tibio-tarsal joint flexion in mice: a novel experimental arthritis model for pharmacological screening. <i>Pharmacology Biochemistry and Behavior</i> , 2006 , 84, 244-51	3.9	58
341	Atorvastatin inhibits inflammatory hypernociception. <i>British Journal of Pharmacology</i> , 2006 , 149, 14-22	8.6	58
340	β -Acid glycoprotein decreases neutrophil migration and increases susceptibility to sepsis in diabetic mice. <i>Diabetes</i> , 2012 , 61, 1584-91	0.9	57
339	Protective effect of an extract from Ascaris suum in experimental arthritis models. <i>Infection and Immunity</i> , 2008 , 76, 2736-45	3.7	57
338	Peroxisome proliferator-activated receptor-gamma ligand, 15-deoxy-Delta12,14-prostaglandin J2, reduces neutrophil migration via a nitric oxide pathway. <i>Journal of Immunology</i> , 2008 , 180, 609-17	5.3	57

337	IL-15 mediates immune inflammatory hypernociception by triggering a sequential release of IFN-gamma, endothelin, and prostaglandin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 9721-5	11.5	57
336	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	7.2	56
335	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	3.7	56
334	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	3.3	56
333	PPAR- γ /IL-10 axis inhibits MyD88 expression and ameliorates murine polymicrobial sepsis. <i>Journal of Immunology</i> , 2014 , 192, 2357-65	5.3	55
332	Acetic acid- and phenyl-p-benzoquinone-induced overt pain-like behavior depends on spinal activation of MAP kinases, PI(3)K and microglia in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 101, 320-8	3.9	55
331	Neutrophil paralysis in Plasmodium vivax malaria. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e17110	4.8	55
330	Role of cytokines in mediating mechanical hypernociception in a model of delayed-type hypersensitivity in mice. <i>European Journal of Pain</i> , 2008 , 12, 1059-68	3.7	55
329	Antigen-induced inflammatory mechanical hypernociception in mice is mediated by IL-18. <i>Brain, Behavior, and Immunity</i> , 2007 , 21, 535-43	16.6	55
328	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, 2923-8	11.5	55
327	Modulation of experimental arthritis by vagal sensory and central brain stimulation. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 330-343	16.6	54
326	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, 333-41		54
325	Antihyperalgesic effect of pentoxifylline on experimental inflammatory pain. <i>British Journal of Pharmacology</i> , 2004 , 143, 833-44	8.6	54
324	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	5.3	54
323	Neutrophil extracellular traps (NETs) exacerbate severity of infant sepsis. <i>Critical Care</i> , 2019 , 23, 113	10.8	52
322	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, 10	3.4	52
321	Oral microbial dysbiosis linked to worsened periodontal condition in rheumatoid arthritis patients. <i>Scientific Reports</i> , 2019 , 9, 8379	4.9	50
320	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, 931-42	3.5	50

319	Inflammatory intestinal damage induced by 5-fluorouracil requires IL-4. <i>Cytokine</i> , 2013 , 61, 46-9	4	49
318	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, 710-7	4.7	49
317	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	5.3	49
316	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, 547-52	11.5	48
315	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, 1674-81	5.6	48
314	Role of CCR2 in orthodontic tooth movement. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012 , 141, 153-60	2.1	47
313	Phosphoinositide-3 kinase gamma activity contributes to sepsis and organ damage by altering neutrophil recruitment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 762-73	10.2	47
312	Neutrophil Extracellular Traps Effectively Control Acute Chikungunya Virus Infection. <i>Frontiers in Immunology</i> , 2019 , 10, 3108	8.4	46
311	Blockade by fenspiride of endotoxin-induced neutrophil migration in the rat. <i>European Journal of Pharmacology</i> , 1993 , 238, 47-52	5.3	46
310	Diabetes Mellitus and Sepsis: A Challenging Association. <i>Shock</i> , 2017 , 47, 276-287	3.4	45
309	Endothelins modulate inflammatory reaction in zymosan-induced arthritis: participation of LTB ₄ , TNF-alpha, and CXCL-1. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 652-60	6.5	45
308	Induction of NOS in rat blood PMN in vivo and in vitro: modulation by tyrosine kinase and involvement in bactericidal activity. <i>Journal of Leukocyte Biology</i> , 1999 , 65, 508-14	6.5	45
307	Toll-like receptor 2/MyD88 signaling mediates zymosan-induced joint hypernociception in mice: participation of TNF- α and CXCL1/KC. <i>European Journal of Pharmacology</i> , 2012 , 674, 51-7	5.3	44
306	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, 16937-42	11.5	44
305	Mast cells phagocyte <i>Candida albicans</i> and produce nitric oxide by mechanisms involving TLR2 and Dectin-1. <i>Immunobiology</i> , 2016 , 221, 220-7	3.4	43
304	Targeting nitric oxide as a key modulator of sepsis, arthritis and pain. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 89, 32-40	5	43
303	Quercetin reduces neutrophil recruitment induced by CXCL8, LTB ₄ , and fMLP: inhibition of actin polymerization. <i>Journal of Natural Products</i> , 2011 , 74, 113-8	4.9	43
302	Neutrophil recruitment in immunized mice depends on MIP-2 inducing the sequential release of MIP-1alpha, TNF-alpha and LTB(4). <i>European Journal of Immunology</i> , 2006 , 36, 2025-34	6.1	43

301	Neutrophil migration induced by IL-8-activated mast cells is mediated by CINC-1. <i>Cytokine</i> , 2003 , 21, 214-23	4.3	43
300	Porcine spermadhesin PSP-I/PSP-II stimulates macrophages to release a neutrophil chemotactic substance: modulation by mast cells. <i>Biology of Reproduction</i> , 2003 , 68, 1836-41	3.9	43
299	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, 609-15	4.7	43
298	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, 191-7	2.1	43
297	PKM2 promotes Th17 cell differentiation and autoimmune inflammation by fine-tuning STAT3 activation. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	43
296	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	2.3	42
295	<i>Lonchocarpus sericeus</i> lectin decreases leukocyte migration and mechanical hypernociception by inhibiting cytokine and chemokines production. <i>International Immunopharmacology</i> , 2007 , 7, 824-35	5.8	42
294	Therapeutic potential and limitations of cholinergic anti-inflammatory pathway in sepsis. <i>Pharmacological Research</i> , 2017 , 117, 1-8	10.2	41
293	PPAR-gamma agonist rosiglitazone prevents inflammatory periodontal bone loss by inhibiting osteoclastogenesis. <i>International Immunopharmacology</i> , 2009 , 9, 1150-8	5.8	41
292	Gastroprotective effect of heme-oxygenase 1/biliverdin/CO pathway in ethanol-induced gastric damage in mice. <i>European Journal of Pharmacology</i> , 2010 , 642, 140-5	5.3	41
291	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, 215-22	5.3	41
290	The critical role of leukotriene B4 in antigen-induced mechanical hyperalgesia in immunised rats. <i>British Journal of Pharmacology</i> , 2003 , 139, 1135-45	8.6	41
289	5-lipoxygenase deficiency reduces acetaminophen-induced hepatotoxicity and lethality. <i>BioMed Research International</i> , 2013 , 2013, 627046	3	40
288	Antileishmanial activity of ruthenium(II)tetraammine nitrosyl complexes. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4180-7	6.8	38
287	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, 111-6	8.6	38
286	Platelets Fuel the Inflammasome Activation of Innate Immune Cells. <i>Cell Reports</i> , 2020 , 31, 107615	10.6	37
285	Xenogeneic Mesenchymal Stromal Cells Improve Wound Healing and Modulate the Immune Response in an Extensive Burn Model. <i>Cell Transplantation</i> , 2016 , 25, 201-15	4	37
284	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	4.9	37

283	Crucial role of TNF receptors 1 and 2 in the control of polymicrobial sepsis. <i>Journal of Immunology</i> , 2009 , 182, 7855-64	5.3	37
282	Failure of neutrophil chemotactic function in breast cancer patients treated with chemotherapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2006 , 57, 663-70	3.5	37
281	Repeated induction of nitric oxide synthase and leishmanicidal activity in murine macrophages. <i>European Journal of Immunology</i> , 1993 , 23, 1385-8	6.1	37
280	Skin vasodilation and analgesic effect of a topical nitric oxide-releasing hydrogel. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 2157-69	4.5	36
279	Dynamic changes of the Th17/Tc17 and regulatory T cell populations interfere in the experimental autoimmune diabetes pathogenesis. <i>Immunobiology</i> , 2013 , 218, 338-52	3.4	36
278	The Adaptor Protein Myd88 Is a Key Signaling Molecule in the Pathogenesis of Irinotecan-Induced Intestinal Mucositis. <i>PLoS ONE</i> , 2015 , 10, e0139985	3.7	36
277	Caspase-1 is involved in the genesis of inflammatory hypernociception by contributing to peripheral IL-1 β maturation. <i>Molecular Pain</i> , 2010 , 6, 63	3.4	36
276	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, 271-9 ^{3.4}	3.4	36
275	Inhibition of hydrogen sulphide formation reduces cisplatin-induced renal damage. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 479-88	4.3	36
274	Detrimental role of endogenous nitric oxide in host defence against <i>Sporothrix schenckii</i> . <i>Immunology</i> , 2008 , 123, 469-79	7.8	36
273	A controversial role for IL-12 in immune response and bone resorption at apical periodontal sites. <i>Clinical and Developmental Immunology</i> , 2010 , 2010, 327417		35
272	Joint NOD2/RIPK2 signaling regulates IL-17 axis and contributes to the development of experimental arthritis. <i>Journal of Immunology</i> , 2012 , 188, 5116-22	5.3	35
271	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, 587-97	9.3	35
270	IL-4 regulates susceptibility to intestinal inflammation in murine food allergy. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, G593-600	5.1	35
269	Tumour necrosis factor-alpha mediates neutrophil migration to the knee synovial cavity during immune inflammation. <i>European Journal of Pharmacology</i> , 2004 , 496, 197-204	5.3	35
268	Role of IL-18 in overt pain-like behaviour in mice. <i>European Journal of Pharmacology</i> , 2008 , 588, 207-12	5.3	34
267	Alpha1D-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	5.3	34
266	Superoxide anion-induced pain and inflammation depends on TNF β /TNFR1 signaling in mice. <i>Neuroscience Letters</i> , 2015 , 605, 53-8	3.3	33

265	Spermadhesin PSP-I/PSP-II heterodimer and its isolated subunits induced neutrophil migration into the peritoneal cavity of rats. <i>Biology of Reproduction</i> , 2002 , 67, 1796-803	3.9	33
264	Targeting IL-33/ST2 signaling: regulation of immune function and analgesia. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 1141-1152	6.4	32
263	Post-Sepsis State Induces Tumor-Associated Macrophage Accumulation through CXCR4/CXCL12 and Favors Tumor Progression in Mice. <i>Cancer Immunology Research</i> , 2016 , 4, 312-22	12.5	32
262	Role of platelet-activating factor in the pathogenesis of 5-fluorouracil-induced intestinal mucositis in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 68, 713-20	3.5	32
261	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, 609-16	3.4	32
260	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, 922-31	10.2	32
259	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, 104-14	6.5	32
258	Sildenafil prevents indomethacin-induced gastropathy in rats: role of leukocyte adherence and gastric blood flow. <i>British Journal of Pharmacology</i> , 2005 , 146, 481-6	8.6	32
257	Diosmin reduces chronic constriction injury-induced neuropathic pain in mice. <i>Chemico-Biological Interactions</i> , 2017 , 273, 180-189	5	31
256	Acute and persistent nociceptive paw sensitisation in mice: the involvement of distinct signalling pathways. <i>Life Sciences</i> , 2009 , 85, 822-9	6.8	31
255	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, 93-9	2.4	31
254	The role of neutrophils in neuro-immune modulation. <i>Pharmacological Research</i> , 2020 , 151, 104580	10.2	31
253	The NLRP3 inflammasome is involved with the pathogenesis of Mayaro virus. <i>PLoS Pathogens</i> , 2019 , 15, e1007934	7.6	30
252	Involvement of nuclear factor kappa B in the maintenance of persistent inflammatory hypernociception. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 134, 49-56	3.9	30
251	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	5.7	30
250	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	4.9	30
249	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	5.3	30
248	Cardiovascular and inflammatory response to cholecystokinin during endotoxemic shock. <i>Shock</i> , 2013 , 39, 104-13	3.4	30

247	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, 4604-16	3.7	29
246	Use of dexamethasone with mesna for the prevention of ifosfamide-induced hemorrhagic cystitis. <i>International Journal of Urology</i> , 2003 , 10, 595-602	2.3	29
245	15d-PGJ-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	4.9	29
244	Baroreflex activation in conscious rats modulates the joint inflammatory response via sympathetic function. <i>Brain, Behavior, and Immunity</i> , 2015 , 49, 140-7	16.6	28
243	The peripheral pro-nociceptive state induced by repetitive inflammatory stimuli involves continuous activation of protein kinase A and protein kinase C epsilon and its Na(V)1.8 sodium channel functional regulation in the primary sensory neuron. <i>Biochemical Pharmacology</i> , 2009 , 77, 867-77	6	28
242	Peroxynitrite mediates the failure of neutrophil migration in severe polymicrobial sepsis in mice. <i>British Journal of Pharmacology</i> , 2007 , 152, 341-52	8.6	28
241	Contribution of TNFalpha, IL-1beta and CINC-1 for articular incapacitation, edema and cell migration in a model of LPS-induced reactive arthritis. <i>Cytokine</i> , 2006 , 36, 83-9	4	28
240	Adipokine Chemerin Bridges Metabolic Dyslipidemia and Alveolar Bone Loss in Mice. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 974-984	6.3	27
239	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	5.7	27
238	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,	5.8	27
237	Role of endogenous hydrogen sulfide on renal damage induced by adriamycin injection. <i>Archives of Toxicology</i> , 2011 , 85, 1597-606	5.8	27
236	High serum nitric oxide levels in patients with severe leptospirosis. <i>Acta Tropica</i> , 2006 , 100, 256-60	3.2	27
235	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, 1175-81	3.5	27
234	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	3.2	26
233	Neuroimmune-Glia Interactions in the Sensory Ganglia Account for the Development of Acute Herpetic Neuralgia. <i>Journal of Neuroscience</i> , 2017 , 37, 6408-6422	6.6	25
232	TGF- β 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	15.5	25
231	Apocynin and Nox2 regulate NF- κ B by modifying thioredoxin-1 redox-state. <i>Scientific Reports</i> , 2016 , 6, 34581	4.9	25
230	The nitroxyl donor, AngeliQ salt, inhibits inflammatory hyperalgesia in rats. <i>Neuropharmacology</i> , 2013 , 71, 1-9	5.5	25

229	NOSH-aspirin (NBS-1120), a dual nitric oxide and hydrogen sulfide-releasing hybrid, reduces inflammatory pain. <i>Pharmacology Research and Perspectives</i> , 2015 , 3, e00133	3.1	25
228	Inhibition of guanylyl cyclase restores neutrophil migration and maintains bactericidal activity increasing survival in sepsis. <i>Shock</i> , 2011 , 35, 17-27	3.4	25
227	Pericytes modulate myelination in the central nervous system. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5523-5529	7	25
226	Interleukin-10 limits intense acute swimming-induced muscle mechanical hyperalgesia in mice. <i>Experimental Physiology</i> , 2015 , 100, 531-44	2.4	24
225	Targeting neutrophils in sepsis. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 1019-28	5.1	24
224	Increased sarcolemmal permeability as an early event in experimental septic cardiomyopathy: a potential role for oxidative damage to lipids and proteins. <i>Shock</i> , 2010 , 33, 322-31	3.4	24
223	Nucleosides from <i>Phlebotomus papatasi</i> salivary gland ameliorate murine collagen-induced arthritis by impairing dendritic cell functions. <i>Journal of Immunology</i> , 2011 , 187, 4347-59	5.3	24
222	Toll-like receptor 9 activation in neutrophils impairs chemotaxis and reduces sepsis outcome. <i>Critical Care Medicine</i> , 2012 , 40, 2631-7	1.4	24
221	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, 275-82	3.3	24
220	Green propolis increases myeloid suppressor cells and CD4Foxp3 cells and reduces Th2 inflammation in the lungs after allergen exposure. <i>Journal of Ethnopharmacology</i> , 2020 , 252, 112496	5	24
219	Pyrrolidine dithiocarbamate inhibits superoxide anion-induced pain and inflammation in the paw skin and spinal cord by targeting NF- κ B and oxidative stress. <i>Inflammopharmacology</i> , 2016 , 24, 97-107	5.1	24
218	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	5.7	24
217	The nitroxyl donor, AngeliQ salt, reduces chronic constriction injury-induced neuropathic pain. <i>Chemico-Biological Interactions</i> , 2016 , 256, 1-8	5	23
216	Succinate receptor deficiency attenuates arthritis by reducing dendritic cell traffic and expansion of T17 cells in the lymph nodes. <i>FASEB Journal</i> , 2018 , 32, fj201800285	0.9	23
215	Toll-Like Receptor 2 Is Required for Inflammatory Process Development during Infection. <i>Frontiers in Microbiology</i> , 2017 , 8, 262	5.7	23
214	PPAR- δ agonists, mainly 15d-PGJ(2), reduce eosinophil recruitment following allergen challenge. <i>Cellular Immunology</i> , 2012 , 273, 23-9	4.4	23
213	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, 1596-607	6.3	23
212	-Chalcone Attenuates Pain and Inflammation in Experimental Acute Gout Arthritis in Mice. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1123	5.6	23

211	The aggravation of arthritis by periodontitis is dependent of IL-17 receptor A activation. <i>Journal of Clinical Periodontology</i> , 2017 , 44, 881-891	7.7	22
210	Role of TNF- α /TNFR1 in intense acute swimming-induced delayed onset muscle soreness in mice. <i>Physiology and Behavior</i> , 2014 , 128, 277-87	3.5	22
209	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, 188-95	3.9	22
208	CCR2 deficiency results in increased osteolysis in experimental periapical lesions in mice. <i>Journal of Endodontics</i> , 2010 , 36, 244-50	4.7	22
207	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, 19038-43	11.5	22
206	Vatairea macrocarpa (Leguminosae) lectin activates cultured macrophages to release chemotactic mediators. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007 , 374, 275-82	3.4	22
205	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, 1211-21	3.4	21
204	Cinnamoyloxy-mammeisin Isolated from Geopropolis Attenuates Inflammatory Process by Inhibiting Cytokine Production: Involvement of MAPK, AP-1, and NF- κ B. <i>Journal of Natural Products</i> , 2016 , 79, 1828-33	4.9	21
203	Dual effect of Lutzomyia longipalpis saliva on Leishmania braziliensis infection is mediated by distinct saliva-induced cellular recruitment into BALB/c mice ear. <i>BMC Microbiology</i> , 2013 , 13, 102	4.5	21
202	Carotid sinus nerve electrical stimulation in conscious rats attenuates systemic inflammation via chemoreceptor activation. <i>Scientific Reports</i> , 2017 , 7, 6265	4.9	21
201	CCR4 Controls the Suppressive Effects of Regulatory T Cells on Early and Late Events during Severe Sepsis. <i>PLoS ONE</i> , 2015 , 10, e0133227	3.7	21
200	T cell post-transcriptional miRNA-mRNA interaction networks identify targets associated with susceptibility/resistance to collagen-induced arthritis. <i>PLoS ONE</i> , 2013 , 8, e54803	3.7	21
199	A crucial role for IL-6 in the CNS of rats during fever induced by the injection of live E. coli. <i>Medical Microbiology and Immunology</i> , 2012 , 201, 47-60	4	20
198	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, 678-83	3.9	20
197	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	5.3	20
196	Heat-killed Enterococcus faecalis 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, 91-4	4.7	20
195	Blockade of leukotriene B4 prevents articular incapacitation in rat zymosan-induced arthritis. <i>European Journal of Pharmacology</i> , 2004 , 497, 81-6	5.3	20
194	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	3.2	20

193	Targeting interleukin-1 β reduces intense acute swimming-induced muscle mechanical hyperalgesia in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 1009-20	4.8	19
192	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, 2873-85	6.1	19
191	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, 187-99	2.4	19
190	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, 337-48	7.2	19
189	5-Lipoxygenase activity increases susceptibility to experimental <i>Paracoccidioides brasiliensis</i> infection. <i>Infection and Immunity</i> , 2013 , 81, 1256-66	3.7	19
188	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, 371-7	3.9	19
187	Anti-nociceptive effect of thalidomide on zymosan-induced experimental articular incapacitation. <i>European Journal of Pharmacology</i> , 2006 , 536, 309-17	5.3	19
186	CD28 is required for T cell activation and IFN-gamma production by CD4+ and CD8+ T cells in response to <i>Trypanosoma cruzi</i> infection. <i>Microbes and Infection</i> , 2004 , 6, 1133-44	9.3	19
185	HPV16, HPV18, and HIV infection may influence cervical cytokine intralesional levels. <i>Virology</i> , 2005 , 334, 294-8	3.6	19
184	Therapeutic Treatment of Arthritic Mice with 15-Deoxy Δ^6 -Prostaglandin J (15d-PGJ) Ameliorates Disease through the Suppression of Th17 Cells and the Induction of CD4CD25FOXP3 Cells. <i>Mediators of Inflammation</i> , 2016 , 2016, 9626427	4.3	19
183	Estradiol replacement therapy regulates innate immune response in ovariectomized arthritic mice. <i>International Immunopharmacology</i> , 2019 , 72, 504-510	5.8	18
182	Nitric Oxide and Hydrogen Sulfide Interact When Modulating Gastric Physiological Functions in Rodents. <i>Digestive Diseases and Sciences</i> , 2017 , 62, 93-104	4	18
181	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	4.8	18
180	Disruption of sarcolemmal dystrophin and beta-dystroglycan may be a potential mechanism for myocardial dysfunction in severe sepsis. <i>Laboratory Investigation</i> , 2010 , 90, 531-42	5.9	18
179	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	4.8	18
178	Adjunctive benefits of systemic etoricoxib in non-surgical treatment of aggressive periodontitis: short-term evaluation. <i>Journal of Periodontology</i> , 2008 , 79, 1719-25	4.6	18
177	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, 33-9	3.7	18
176	Probucol attenuates lipopolysaccharide-induced leukocyte recruitment and inflammatory hyperalgesia: effect on NF- κ B activation and cytokine production. <i>European Journal of Pharmacology</i> , 2017 , 809, 52-63	5.3	17

175	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	5.2	17
174	Non-Peptidergic Nociceptive Neurons Are Essential for Mechanical Inflammatory Hypersensitivity in Mice. <i>Molecular Neurobiology</i> , 2019 , 56, 5715-5728	6.2	17
173	Knee osteoarthritis induces atrophy and neuromuscular junction remodeling in the quadriceps and tibialis anterior muscles of rats. <i>Scientific Reports</i> , 2019 , 9, 6366	4.9	17
172	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	10.1	17
171	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, 885-93	6.5	17
170	Differential Tumor Microenvironment in Human Ovarian Cystic Tumors. <i>Tumori</i> , 2004 , 90, 491-497	1.7	17
169	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, 541-8	8.6	17
168	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, 2424-33	6.1	17
167	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	8	17
166	DF2755A, a novel non-competitive allosteric inhibitor of CXCR1/2, reduces inflammatory and post-operative pain. <i>Pharmacological Research</i> , 2016 , 103, 69-79	10.2	16
165	Nitroxyl inhibits overt pain-like behavior in mice: role of cGMP/PKG/ATP-sensitive potassium channel signaling pathway. <i>Pharmacological Reports</i> , 2014 , 66, 691-8	3.9	16
164	Parasites Subvert the Host Inflammatory Response through the Adenosine A2 Receptor to Promote the Establishment of Infection. <i>Frontiers in Immunology</i> , 2017 , 8, 815	8.4	16
163	Trypanosoma cruzi adjuvants potentiate T cell-mediated immunity induced by a NY-ESO-1 based antitumor vaccine. <i>PLoS ONE</i> , 2012 , 7, e36245	3.7	16
162	The NOD2 signaling in peripheral macrophages contributes to neuropathic pain development. <i>Pain</i> , 2019 , 160, 102-116	8	16
161	DMH-CBD, a cannabidiol analog with reduced cytotoxicity, inhibits TNF production by targeting NF-kB activity dependent on A receptor. <i>Toxicology and Applied Pharmacology</i> , 2019 , 368, 63-71	4.6	15
160	Peripheral NLCR4 inflammasome participates in the genesis of acute inflammatory pain. <i>Pain</i> , 2015 , 156, 451-459	8	15
159	Peripheral nitric oxide signaling directly blocks inflammatory pain. <i>Biochemical Pharmacology</i> , 2020 , 176, 113862	6	15
158	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, 4439-48	8.3	15

157	Protective role of 5-lipoxygenase during <i>Leishmania infantum</i> infection is associated with Th17 subset. <i>BioMed Research International</i> , 2014 , 2014, 264270	3	15
156	Heme oxygenase inhibition enhances neutrophil migration into the bronchoalveolar spaces and improves the outcome of murine pneumonia-induced sepsis. <i>Shock</i> , 2013 , 39, 389-96	3.4	15
155	Production of singlet oxygen by eosinophils activated in vitro by C5a and leukotriene B4. <i>FEBS Letters</i> , 1999 , 453, 265-8	3.8	15
154	Decreased levels of alpha-1-acid glycoprotein are related to the mortality of septic patients in the emergency department. <i>Clinics</i> , 2013 , 68, 1134-9	2.3	15
153	Hyperalgesia from subcutaneous cytokines 1999 , 59-87		15
152	Cigarette smoke induces 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,	11.5	15
151	Budlein A, a Sesquiterpene Lactone From , Alleviates Pain and Inflammation in a Model of Acute Gout Arthritis in Mice. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1076	5.6	15
150	Naringenin mitigates titanium dioxide (TiO)-induced chronic arthritis in mice: role of oxidative stress, cytokines, and NFB. <i>Inflammation Research</i> , 2018 , 67, 997-1012	7.2	15
149	The citrus flavanone naringenin reduces gout-induced joint pain and inflammation in mice by inhibiting the activation of NFB and macrophage release of IL-1 β . <i>Journal of Functional Foods</i> , 2018 , 48, 106-116	5.1	15
148	Gasdermin D inhibition prevents multiple organ dysfunction during sepsis by blocking NET formation. <i>Blood</i> , 2021 ,	2.2	15
147	Target Inhibition of IL-1 Receptor Prevents Ifosfamide Induced Hemorrhagic Cystitis in Mice. <i>Journal of Urology</i> , 2015 , 194, 1777-86	2.5	14
146	Interleukin-33 Receptor (ST2) Deficiency Improves the Outcome of -Induced Septic Arthritis. <i>Frontiers in Immunology</i> , 2018 , 9, 962	8.4	14
145	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	4.9	14
144	Interleukin-4 modulates the inflammatory response in ifosfamide-induced hemorrhagic cystitis. <i>Inflammation</i> , 2012 , 35, 297-307	5.1	14
143	Hyperbaric oxygen therapy ameliorates TNBS-induced acute distal colitis in rats. <i>Medical Gas Research</i> , 2015 , 5, 6	2.2	14
142	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, 483-93	3.4	14
141	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, 214-22	6.8	14
140	B lymphocyte-induced maturation protein 1 controls T9 cell development, IL-9 production, and allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1119-1130.e3	11.5	14

139	Contribution of spinal cord glial cells to <i>L. amazonensis</i> experimental infection-induced pain in BALB/c mice. <i>Journal of Neuroinflammation</i> , 2019 , 16, 113	10.1	13
138	Serotonin synthesis protects the mouse colonic crypt from DNA damage and colorectal tumorigenesis. <i>Journal of Pathology</i> , 2019 , 249, 102-113	9.4	13
137	Nucleosides present on phlebotomine saliva induce immunosuppression and promote the infection establishment. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003600	4.8	13
136	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	3.1	13
135	Pharmacological opportunities to control inflammatory diseases through inhibition of the leukocyte recruitment. <i>Pharmacological Research</i> , 2016 , 112, 37-48	10.2	13
134	Effect of gedunin on acute articular inflammation and hypernociception in mice. <i>Molecules</i> , 2015 , 20, 2636-57	4.8	13
133	Docking, synthesis and pharmacological activity of novel urea-derivatives designed as p38 MAPK inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012 , 54, 264-71	6.8	13
132	Histamine h2 receptor signaling in the pathogenesis of sepsis: studies in a murine diabetes model. <i>Journal of Immunology</i> , 2013 , 191, 1373-82	5.3	13
131	Anticoagulant and fibrinolytic properties of the venom of <i>Polybia occidentalis</i> social wasp. <i>Blood Coagulation and Fibrinolysis</i> , 2010 , 21, 653-9	1	13
130	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, 136-42	5.3	13
129	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, 601-6	3	13
128	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, 371-6	2.4	13
127	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	3.7	13
126	Lapachol, a compound targeting pyrimidine metabolism, ameliorates experimental autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2017 , 19, 47	5.7	12
125	Thimet Oligopeptidase (EC 3.4.24.15) Key Functions Suggested by Knockout Mice Phenotype Characterization. <i>Biomolecules</i> , 2019 , 9,	5.9	12
124	IL-27 Counteracts Neuropathic Pain Development Through Induction of IL-10. <i>Frontiers in Immunology</i> , 2019 , 10, 3059	8.4	12
123	Acute Increase in -GlcNAc Improves Survival in Mice With LPS-Induced Systemic Inflammatory Response Syndrome. <i>Frontiers in Physiology</i> , 2019 , 10, 1614	4.6	12
122	The quassinoid isobrucein B reduces inflammatory hyperalgesia and cytokine production by post-transcriptional modulation. <i>Journal of Natural Products</i> , 2015 , 78, 241-9	4.9	12

121	Cholecystokinin inhibits inducible nitric oxide synthase expression by lipopolysaccharide-stimulated peritoneal macrophages. <i>Mediators of Inflammation</i> , 2014 , 2014, 896029	4.3	12
120	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, 603-10	5.8	12
119	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, 648-52	3	12
118	Angiotensin II potentiates inflammatory edema in rats: Role of mast cell degranulation. <i>European Journal of Pharmacology</i> , 2006 , 540, 175-82	5.3	12
117	Pharmacodynamics, chiral pharmacokinetics, and pharmacokinetic-pharmacodynamic modeling of fenoprofen in patients with diabetes mellitus. <i>Journal of Clinical Pharmacology</i> , 2006 , 46, 1328-36	2.9	12
116	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	6.5	12
115	From neuroimmunomodulation to bioelectronic treatment of rheumatoid arthritis. <i>Bioelectronics in Medicine</i> , 2018 , 1, 151-165	2.1	12
114	Taurine supplementation increases irisin levels after high intensity physical training in obese women. <i>Cytokine</i> , 2019 , 123, 154741	4	11
113	Strontium ranelate analgesia in arthritis models is associated to decreased cytokine release and opioid-dependent mechanisms. <i>Inflammation Research</i> , 2015 , 64, 781-7	7.2	11
112	Canonical PI3K signaling in myeloid cells restricts <i>Trypanosoma cruzi</i> infection and dampens chagasic myocarditis. <i>Nature Communications</i> , 2018 , 9, 1513	17.4	11
111	The Atypical Chemokine Receptor ACKR2 is Protective Against Sepsis. <i>Shock</i> , 2018 , 49, 682-689	3.4	11
110	Meniscal transection rather than excision increases pain behavior and structural damage in experimental osteoarthritis in mice. <i>Osteoarthritis and Cartilage</i> , 2014 , 22, 1878-85	6.2	11
109	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	5.1	11
108	Differential regulation of oxidative stress and cytokine production by endothelin ET and ET receptors in superoxide anion-induced inflammation and pain in mice. <i>Journal of Drug Targeting</i> , 2017 , 25, 264-274	5.4	11
107	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, 119-25	4	11
106	Different inflammatory mediators induce inflammation and pain after application of liquid nitrogen to the skin. <i>Cryobiology</i> , 2006 , 53, 319-29	2.7	11
105	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, 105-13	4.2	11
104	<i>Legionella longbeachae</i> Is Immunologically Silent and Highly Virulent In Vivo. <i>Journal of Infectious Diseases</i> , 2017 , 215, 440-451	7	11

103	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, 6481812	4.3	10
102	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, 500-9	2.9	10
101	The role of PAF/PAFR signaling in zymosan-induced articular inflammatory hyperalgesia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013 , 386, 51-9	3.4	10
100	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	3.4	10
99	Anti-inflammatory activity and possible mechanism of extract from Mikania laevigata in carrageenan-induced peritonitis. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 1097-104	4.8	10
98	Molecular basis of carrageenan-induced cytokines production in macrophages. <i>Cell Communication and Signaling</i> , 2020 , 18, 141	7.5	10
97	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, 851-61	3.4	10
96	Medial plantar nerve ligation as a novel model of neuropathic pain in mice: pharmacological and molecular characterization. <i>Scientific Reports</i> , 2016 , 6, 26955	4.9	9
95	The acute phase of Trypanosoma cruzi infection is attenuated in 5-lipoxygenase-deficient mice. <i>Mediators of Inflammation</i> , 2014 , 2014, 893634	4.3	9
94	Divergent role of heme oxygenase inhibition in the pathogenesis of sepsis. <i>Shock</i> , 2011 , 35, 550-9	3.4	9
93	Regulation of angiotensin II receptors levels during rat induced pulpitis. <i>Regulatory Peptides</i> , 2007 , 140, 27-31		9
92	Nuclear PTEN enhances the maturation of a microRNA regulon to limit MyD88-dependent susceptibility to sepsis. <i>Science Signaling</i> , 2018 , 11,	8.8	9
91	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	3.5	8
90	TLR4 abrogates the Th1 immune response through IRF1 and IFN- β to prevent immunopathology during L. infantum infection. <i>PLoS Pathogens</i> , 2020 , 16, e1008435	7.6	8
89	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	3.1	8
88	Mechanisms underlying the hyperalgesic responses triggered by joint activation of TLR4. <i>Pharmacological Reports</i> , 2016 , 68, 1293-1300	3.9	8
87	Mechanisms affecting neutrophil migration capacity in breast cancer patients before and after chemotherapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2014 , 73, 317-24	3.5	8
86	NDP-MSH inhibits neutrophil migration through nicotinic and adrenergic receptors in experimental peritonitis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013 , 386, 311-8	3.4	8

85	The endogenous cytokine profile and nerve fibre density in mouse ear <i>Leishmania</i> major-induced lesions related to nociceptive thresholds. <i>Experimental Parasitology</i> , 2013 , 133, 193-200	2.1	8
84	Interleukin-10 rs2227307 and CXCR2 rs1126579 polymorphisms modulate the predisposition to septic shock. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015 , 110, 453-60	2.6	8
83	Haeme oxygenase activity protects the host against excessive cardiac inflammation during experimental <i>Trypanosoma cruzi</i> infection. <i>Microbes and Infection</i> , 2014 , 16, 28-39	9.3	8
82	Novel bisabolane derivative from "arnica-da-serra" (<i>Vernoniae</i> : Asteraceae) reduces pro-nociceptive cytokines levels in LPS-stimulated rat macrophages. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 993-8	5	8
81	Liver X Receptor Activation Impairs Neutrophil Functions and Aggravates Sepsis. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1542-1553	7	8
80	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	7.2	8
79	TGF β signaling sustains aryl hydrocarbon receptor (AHR) expression and restrains the pathogenic potential of T17 cells by an AHR-independent mechanism. <i>Cell Death and Disease</i> , 2018 , 9, 1130	9.8	8
78	Galectin-3 aggravates experimental polymicrobial sepsis by impairing neutrophil recruitment to the infectious focus. <i>Journal of Infection</i> , 2018 , 77, 391-397	18.9	8
77	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	32.3	8
76	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	6.5	7
75	Neutrophils contribute to the pathogenesis of hemorrhagic cystitis induced by ifosfamide. <i>International Immunopharmacology</i> , 2018 , 62, 96-108	5.8	7
74	Inflammation, myocardial dysfunction, and mortality in children with septic shock: an observational study. <i>Pediatric Cardiology</i> , 2014 , 35, 463-70	2.1	7
73	Dual effect of cAMP on the writhing response in mice. <i>European Journal of Pharmacology</i> , 2001 , 416, 223-30	5.3	7
72	Choline attenuates inflammatory hyperalgesia activating nitric oxide/cGMP/ATP-sensitive potassium channels pathway. <i>Brain Research</i> , 2020 , 1727, 146567	3.7	7
71	CCR5-Positive Inflammatory Monocytes are Crucial for Control of Sepsis. <i>Shock</i> , 2019 , 52, e100-e106	3.4	7
70	Probucol 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	7.2	6
69	Articular inflammation induced by an enzymatically-inactive Lys49 phospholipase A: activation of endogenous phospholipases contributes to the pronociceptive effect. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017 , 23, 18	2.2	6
68	Oral health-related quality of life among individuals with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2019 , 38, 2433-2441	3.9	6

67	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, 208705	2.2	6
66	An intravascular chemoattractant lectin inhibits neutrophil migration. <i>Glycoconjugate Journal</i> , 1998 , 15, 531-3	3	6
65	Glutamine depletion potentiates leucocyte-dependent inflammatory events induced by carrageenan or Clostridium difficile toxin A in rats. <i>Immunology</i> , 2005 , 116, 328-36	7.8	6
64	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	1.6	6
63	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	8.6	6
62	Oral treatments with a flavonoid-enriched fraction from Cecropia hololeuca and with rutin reduce articular pain and inflammation in murine zymosan-induced arthritis. <i>Journal of Ethnopharmacology</i> , 2020 , 260, 112841	5	5
61	Cortical stimulation in conscious rats controls joint inflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 84, 201-213	5.5	5
60	Inhibition of peripheral anion exchanger 3 decreases formalin-induced pain. <i>European Journal of Pharmacology</i> , 2014 , 738, 91-100	5.3	5
59	Galactosylceramide suppresses murine eosinophil production through interferon- γ -dependent induction of NO synthase and CD95. <i>British Journal of Pharmacology</i> , 2015 , 172, 3313-25	8.6	5
58	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	2.2	5
57	ATP-sensitive potassium channel blockage attenuates cisplatin-induced renal damage. <i>Kidney and Blood Pressure Research</i> , 2007 , 30, 289-98	3.1	5
56	Efeito de inibidores da sintase de óxido nítrico na dor inflamatória articular e influxo celular da artrite induzida por zymosan em ratos. <i>Revista Brasileira De Reumatologia</i> , 2003 , 43, 206-217		5
55	Inducible nitric oxide synthase (NOS2) knockout mice as a model of trichotillomania. <i>PeerJ</i> , 2018 , 6, e46351	3.1	5
54	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	7	5
53	Uncaria tomentosa reduces osteoclastic bone loss in vivo. <i>Phytomedicine</i> , 2020 , 79, 153327	6.5	5
52	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	2.8	4
51	Pharmacological Beta-Adrenergic Receptor Activation Attenuates Neutrophil Recruitment by a Mechanism Dependent on Nicotinic Receptor and the Spleen. <i>Inflammation</i> , 2016 , 39, 1405-13	5.1	4
50	Chronic Infection Exacerbates Secondary Polymicrobial Sepsis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 116	5.9	4

49	Reappraisal of total body irradiation followed by bone marrow transplantation as a therapy for inflammatory bowel disease. <i>Immunobiology</i> , 2013 , 218, 317-24	3.4	4
48	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, 717-23 ⁷⁻²		4
47	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, 331-8		4
46	Neutrophil extracellular traps mediate joint hyperalgesia induced by immune inflammation. <i>Rheumatology</i> , 2021 , 60, 3461-3473	3.9	4
45	IL-33 and ST2 as predictors of disease severity in children with viral acute lower respiratory infection. <i>Cytokine</i> , 2020 , 127, 154965	4	4
44	NLRP12 controls arthritis severity by acting as a checkpoint inhibitor of Th17 cell differentiation. <i>FASEB Journal</i> , 2020 , 34, 10907-10919	0.9	4
43	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	3.7	4
42	Nanobodies dismantle post-pyroptotic ASC specks and counteract inflammation in vivo. <i>EMBO Molecular Medicine</i> , 2022 , e15415	12	4
41	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	7.2	3
40	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	16.6	3
39	Blockage of Eosinopoiesis by IL-17A Is Prevented by Cytokine and Lipid Mediators of Allergic Inflammation. <i>Mediators of Inflammation</i> , 2015 , 2015, 968932	4.3	3
38	Synthesis, Aqueous Solubility, Metabolic Stability and Pharmacological Profile of Simplified Urea Derivatives. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, 766-777	0.8	3
37	Are neutrophil extracellular traps the link for the cross-talk between periodontitis and rheumatoid arthritis physiopathology?. <i>Rheumatology</i> , 2021 ,	3.9	3
36	Experimental Infection Induces Pain in Mice Dependent on Early Spinal Cord Glial Cells and NFB Activation and Cytokine Production. <i>Frontiers in Immunology</i> , 2020 , 11, 539086	8.4	3
35	Regulation of murine arthritis by systemic, spinal, and intra-articular adrenoceptors. <i>Pharmacological Reports</i> , 2019 , 71, 1095-1103	3.9	2
34	Paradoxical interaction between cancer and long-term postsepsis disorder: impairment of de novo carcinogenesis versus favoring the growth of established tumors 2020 , 8,		2
33	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	3.4	2
32	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	7.2	2

31	Sleep restriction during peripuberty unbalances sexual hormones and testicular cytokines in rats. <i>Biology of Reproduction</i> , 2019 , 100, 112-122	3.9	2
30	Gastro-protective effects of isobrucein B, a quassinoid isolated from <i>Picrolemma sprucei</i> . <i>Phytotherapy Research</i> , 2014 , 95, 8-15	3.2	2
29	Anti-inflammatory and immunomodulatory effect of an extract of <i>Coccidioides posadasii</i> in experimental arthritis. <i>Mycopathologia</i> , 2013 , 175, 193-206	2.9	2
28	Nitric Oxide Donors with Therapeutic Strategic in Experimental Schistosomiasis Mansoni. <i>American Journal of Immunology</i> , 2014 , 10, 225-239	0.3	2
27	Modulation of toll-like receptor expression: a further effect of statins?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, e128	9.4	2
26	Gasdermin-D activation by SARS-CoV-2 trigger NET and mediate COVID-19 immunopathology		2
25	The PI3K/AKT signaling pathway mediates peripheral antinociceptive action of dipyrone. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 364-370	3.1	2
24	Intense Acute Swimming Induces Delayed-Onset Muscle Soreness Dependent on Spinal Cord Neuroinflammation.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 734091	5.6	2
23	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> , 2021 , 813, 152345	10.2	2
22	Hepatic Osteodystrophy: The Mechanism of Bone Loss in Hepatocellular Disease and the Effects of Pamidronate Treatment. <i>Clinics</i> , 2017 , 72, 231-237	2.3	2
21	Hydroquinone Exposure Worsens Rheumatoid Arthritis through the Activation of the Aryl Hydrocarbon Receptor and Interleukin-17 Pathways. <i>Antioxidants</i> , 2021 , 10,	7.1	2
20	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	6.5	2
19	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, 969-77	7.2	1
18	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	2.1	1
17	Neuraminidase inhibitors rewire neutrophil function in murine sepsis and in COVID-19 2021 ,		1
16	Neural Infection by Oropouche Virus in Adult Human Brain Slices Induces an Inflammatory and Toxic Response. <i>Frontiers in Neuroscience</i> , 2021 , 15, 674576	5.1	1
15	Endothelial Nox2 Limits Systemic Inflammation and Hypotension in Endotoxemia by Controlling Expression of Toll-Like Receptor 4. <i>Shock</i> , 2021 , 56, 268-277	3.4	1
14	Inducible nitric oxide synthase (NOS2) knockout mice as a model of trichotillomania		1

13	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> , 2021 ,	7	1
12	A Novel Murine Model of a High Dose Brachytherapy-Induced Actinic Proctitis.. <i>Frontiers in Oncology</i> , 2022 , 12, 802621	5.3	1
11	COVID-19 bimodal clinical and pathological phenotypes.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e648	5.7	0
10	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	2.8	0
9	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, 7442289	3	0
8	Citrullinated human fibrinogen triggers arthritis through an inflammatory response mediated by IL-23/IL-17 immune axis. <i>International Immunopharmacology</i> , 2021 , 101, 108363	5.8	0
7	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	10.2	0
6	Methotrexate promotes recovery of arthritis-induced alveolar bone loss and modifies the composition of the oral-gut microbiota.. <i>Anaerobe</i> , 2022 , 75, 102577	2.8	0
5	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	3.7	
4	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	3.7	
3	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	2.2	
2	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	2.2	
1	Acute necrotizing pancreatitis shock and the sGC/cGMP system: methylene blue use as pharmacological tool. <i>FASEB Journal</i> , 2009 , 23, 794.11	0.9	