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List of Publications by Year in descending order

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106
papers

6,101
citations

109137

35
h-index

82410

72
g-index

108
all docs

108
docs citations

108
times ranked

10033
citing authors

#	ARTICLE	IF	CITATIONS
1	PI3K Signaling in Mechanisms and Treatments of Pulmonary Fibrosis Following Sepsis and Acute Lung Injury. <i>Biomedicines</i> , 2022, 10, 756.	1.4	21
2	Blockade of protease-activated receptor 2 attenuates allergen-mediated acute lung inflammation and leukocyte recruitment in mice. <i>Journal of Biosciences</i> , 2022, 47, 1.	0.5	2
3	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
4	MMP-9 Mediates Cross-Talk between Neutrophils and Endothelial Cells in Psoriasis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 716-718.	0.3	11
5	Pitavastatin ameliorates autoimmune neuroinflammation by regulating the Treg/Th17 cell balance through inhibition of mevalonate metabolism. <i>International Immunopharmacology</i> , 2021, 91, 107278.	1.7	4
6	STING regulates metabolic reprogramming in macrophages via HIF-1 α during Brucella infection. <i>PLoS Pathogens</i> , 2021, 17, e1009597.	2.1	45
7	Macrophage-Derived MicroRNA-21 Drives Overwhelming Glycolytic and Inflammatory Response during Sepsis via Repression of the PGE2/IL-10 Axis. <i>Journal of Immunology</i> , 2021, 207, 902-912.	0.4	12
8	Inhibition of Tryptophan Catabolism Is Associated With Neuroprotection During Zika Virus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 702048.	2.2	6
9	Casdermin D inhibition prevents multiple organ dysfunction during sepsis by blocking NET formation. <i>Blood</i> , 2021, 138, 2702-2713.	0.6	107
10	Kallikrein 5 Inhibition by the Lympho-Epithelial Kazal-Type Related Inhibitor Hinders Matriptase-Dependent Carcinogenesis. <i>Cancers</i> , 2021, 13, 4395.	1.7	3
11	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
12	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
13	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, .	4.2	583
14	The PI3K β /AKT signaling pathway mediates peripheral antinociceptive action of dipyrone. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 364-370.	1.0	6
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.	1.0	4
16	Neutrophil extracellular traps mediate joint hyperalgesia induced by immune inflammation. <i>Rheumatology</i> , 2021, 60, 3461-3473.	0.9	23
17	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
18	Liver X Receptor Activation Impairs Neutrophil Functions and Aggravates Sepsis. <i>Journal of Infectious Diseases</i> , 2020, 221, 1542-1553.	1.9	11

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19	The role of neutrophils in neuro-immune modulation. <i>Pharmacological Research</i> , 2020, 151, 104580.	3.1	94
20	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
21	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
22	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
23	PKM2 promotes Th17 cell differentiation and autoimmune inflammation by fine-tuning STAT3 activation. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	119
24	SARS-CoV-2-triggered neutrophil extracellular traps mediate COVID-19 pathology. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	675
25	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
26	The Role of ST2 Receptor in the Regulation of <i>Brucella abortus</i> Oral Infection. <i>Pathogens</i> , 2020, 9, 328.	1.2	3
27	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
28	Downregulation of IL-2 and IL-23 in Cervical Biopsies of Cervical Intraepithelial Lesions: A Cross-Sectional Study. <i>Acta Cytologica</i> , 2020, 64, 442-451.	0.7	3
29	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
30	Cardiovascular and Autonomic Dysfunction in Murine Ligature-Induced Periodontitis. <i>Scientific Reports</i> , 2020, 10, 6891.	1.6	9
31	ILC2s and Basophils Team Up to Orchestrate IL-33-Induced Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2077-2079.	0.3	9
32	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
33	IL-1 β promotes liver inflammation and necrosis during blood-stage <i>Plasmodium chabaudi</i> malaria. <i>Scientific Reports</i> , 2019, 9, 7575.	1.6	19
34	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
35	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
36	CCR5-Positive Inflammatory Monocytes are Crucial for Control of Sepsis. <i>Shock</i> , 2019, 52, e100-e106.	1.0	12

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37	NLRP3 Inflammasome and Mineralocorticoid Receptors Are Associated with Vascular Dysfunction in Type 2 Diabetes Mellitus. <i>Cells</i> , 2019, 8, 1595.	1.8	51
38	The NOD2 signaling in peripheral macrophages contributes to neuropathic pain development. <i>Pain</i> , 2019, 160, 102-116.	2.0	31
39	CCR4-dependent reduction in the number and suppressor function of CD4 ⁺ Foxp3 ⁺ cells augments IFN- γ -mediated pulmonary inflammation and aggravates tuberculosis pathogenesis. <i>Cell Death and Disease</i> , 2019, 10, 11.	2.7	11
40	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
41	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
42	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
43	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
44	IL-33 signalling in liver immune cells enhances drug-induced liver injury and inflammation. <i>Inflammation Research</i> , 2018, 67, 77-88.	1.6	20
45	Pericytes modulate myelination in the central nervous system. <i>Journal of Cellular Physiology</i> , 2018, 233, 5523-5529.	2.0	33
46	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
47	Inhalation of the prodrug PI3K inhibitor CL27c improves lung function in asthma and fibrosis. <i>Nature Communications</i> , 2018, 9, 5232.	5.8	86
48	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
49	Trans-Chalcone Attenuates Pain and Inflammation in Experimental Acute Gout Arthritis in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 1123.	1.6	38
50	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
51	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
52	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
53	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
54	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

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55	Purinergic Cooperation Between P2Y2 and P2X7 Receptors Promote Cutaneous Leishmaniasis Control: Involvement of Pannexin-1 and Leukotrienes. <i>Frontiers in Immunology</i> , 2018, 9, 1531.	2.2	26
56	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
57	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.	0.4	283
58	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
59	Diosmin reduces chronic constriction injury-induced neuropathic pain in mice. <i>Chemico-Biological Interactions</i> , 2017, 273, 180-189.	1.7	42
60	Lapachol, a compound targeting pyrimidine metabolism, ameliorates experimental autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2017, 19, 47.	1.6	22
61	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
62	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.	1.6	7
63	Therapeutic potential and limitations of cholinergic anti-inflammatory pathway in sepsis. <i>Pharmacological Research</i> , 2017, 117, 1-8.	3.1	56
64	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
65	SOCS1 is a negative regulator of metabolic reprogramming during sepsis. <i>JCI Insight</i> , 2017, 2, .	2.3	36
66	Paradoxical Roles of the Neutrophil in Sepsis: Protective and Deleterious. <i>Frontiers in Immunology</i> , 2016, 7, 155.	2.2	162
67	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
68	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.	1.9	27
69	Mechanisms underlying the hyperalgesic responses triggered by joint activation of TLR4. <i>Pharmacological Reports</i> , 2016, 68, 1293-1300.	1.5	9
70	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
71	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, 1828-1833.	1.5	28
72	Apocynin and Nox2 regulate NF- κ B by modifying thioredoxin-1 redox-state. <i>Scientific Reports</i> , 2016, 6, 34581.	1.6	33

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73	NLRP3 Inflammasome Mediates Aldosterone-Induced Vascular Damage. <i>Circulation</i> , 2016, 134, 1866-1880.	1.6	87
74	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
75	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
76	Spinal cord oligodendrocyte-derived alarmin IL-33 mediates neuropathic pain. <i>FASEB Journal</i> , 2016, 30, 54-65.	0.2	121
77	Neutrophil Extracellular Traps Induce Organ Damage during Experimental and Clinical Sepsis. <i>PLoS ONE</i> , 2016, 11, e0148142.	1.1	282
78	Abstract 770: Negative regulation of the CCL22/CCR4 axis by TNFR1 improves melanoma outcome. , 2016, , .		0
79	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
80	Therapeutic Effects of Treatment with Anti-TLR2 and Anti-TLR4 Monoclonal Antibodies in Polymicrobial Sepsis. <i>PLoS ONE</i> , 2015, 10, e0132336.	1.1	48
81	CCR4 Controls the Suppressive Effects of Regulatory T Cells on Early and Late Events during Severe Sepsis. <i>PLoS ONE</i> , 2015, 10, e0133227.	1.1	27
82	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
83	Vinpocetine 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
84	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
85	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
86	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
87	Interleukin-10 limits intense acute swimming-induced muscle mechanical hyperalgesia in mice. <i>Experimental Physiology</i> , 2015, 100, 531-544.	0.9	29
88	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
89	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
90	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

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91	Lipopolysaccharide Induces Inflammatory Hyperalgesia Triggering a TLR4/MyD88-Dependent Cytokine Cascade in the Mice Paw. PLoS ONE, 2014, 9, e90013.	1.1	86
92	Mechanisms affecting neutrophil migration capacity in breast cancer patients before and after chemotherapy. Cancer Chemotherapy and Pharmacology, 2014, 73, 317-324.	1.1	8
93	PPAR- γ /IL-10 Axis Inhibits MyD88 Expression and Ameliorates Murine Polymicrobial Sepsis. Journal of Immunology, 2014, 192, 2357-2365.	0.4	64
94	Targeting neutrophils in sepsis. Expert Review of Clinical Immunology, 2014, 10, 1019-1028.	1.3	30
95	Nitroxyl inhibits overt pain-like behavior in mice: Role of cGMP/PKG/ATP-sensitive potassium channel signaling pathway. Pharmacological Reports, 2014, 66, 691-698.	1.5	21
96	Dystrophin expression in myocardium in mice submitted to a murine model of sepsis (648.1). FASEB Journal, 2014, 28, .	0.2	0
97	IL-33/ST2 signalling contributes to carrageenin-induced innate inflammation and inflammatory pain: role of cytokines, endothelin-1 and prostaglandin E ₂ . British Journal of Pharmacology, 2013, 169, 90-101.	2.7	81
98	Toll-like receptor 9 activation in neutrophils impairs chemotaxis and reduces sepsis outcome*. Critical Care Medicine, 2012, 40, 2631-2637.	0.4	30
99	NEUTROPHIL PARALYSIS IN SEPSIS. Shock, 2010, 34, 15-21.	1.0	195
100	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
101	Crucial Role of TNF Receptors 1 and 2 in the Control of Polymicrobial Sepsis. Journal of Immunology, 2009, 182, 7855-7864.	0.4	48
102	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
103	Fructose-1,6-bisphosphate reduces inflammatory pain-like behaviour in mice: role of adenosine acting on A ₁ receptors. British Journal of Pharmacology, 2009, 158, 558-568.	2.7	24
104	Hydrogen Sulfide Augments Neutrophil Migration through Enhancement of Adhesion Molecule Expression and Prevention of CXCR2 Internalization: Role of ATP-Sensitive Potassium Channels. Journal of Immunology, 2008, 181, 4287-4298.	0.4	82
105	Impaired neutrophil chemotaxis in sepsis associates with GRK expression and inhibition of actin assembly and tyrosine phosphorylation. Blood, 2006, 108, 2906-2913.	0.6	139
106	Failure of neutrophil migration toward infectious focus in severe sepsis: a critical event for the outcome of this syndrome. Memorias Do Instituto Oswaldo Cruz, 2005, 100, 223-226.	0.8	53