

Dario Simões Zamboni

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

9,604
citations

38742

50
h-index

45317

90
g-index

157
all docs

157
docs citations

157
times ranked

13506
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 triggered neutrophil extracellular traps mediate COVID-19 pathology. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	675
2	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, .	8.5	583
3	Flagellin-Deficient <i>Legionella</i> Mutants Evade Caspase-1- and Naip5-Mediated Macrophage Immunity. <i>PLoS Pathogens</i> , 2006, 2, e18.	4.7	475
4	The Bir1e cytosolic pattern-recognition receptor contributes to the detection and control of <i>Legionella pneumophila</i> infection. <i>Nature Immunology</i> , 2006, 7, 318-325.	14.5	468
5	Inflammasome-derived IL-1 β production induces nitric oxide mediated resistance to <i>Leishmania</i> . <i>Nature Medicine</i> , 2013, 19, 909-915.	30.7	345
6	A Method for Generation of Bone Marrow-Derived Macrophages from Cryopreserved Mouse Bone Marrow Cells. <i>PLoS ONE</i> , 2010, 5, e15263.	2.5	270
7	Hemolysis-induced lethality involves inflammasome activation by heme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4110-8.	7.1	263
8	Caspase-11 stimulates rapid flagellin-independent pyroptosis in response to <i>Legionella pneumophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1851-1856.	7.1	242
9	NOD1 and NOD2 Signaling in Infection and Inflammation. <i>Frontiers in Immunology</i> , 2012, 3, 328.	4.8	229
10	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, 474-484.	6.7	202
11	Beneficial effects of colchicine for moderate to severe COVID-19: a randomised, double-blinded, placebo-controlled clinical trial. <i>RMD Open</i> , 2021, 7, e001455.	3.8	183
12	IL-33 contributes to sepsis-induced long-term immunosuppression by expanding the regulatory T cell population. <i>Nature Communications</i> , 2017, 8, 14919.	12.8	171
13	Gut microbiota translocation to the pancreatic lymph nodes triggers NOD2 activation and contributes to T1D onset. <i>Journal of Experimental Medicine</i> , 2016, 213, 1223-1239.	8.5	163
14	<i>Coxiella burnetii</i> express type IV secretion system proteins that function similarly to components of the <i>Legionella pneumophila</i> Dot/Icm system. <i>Molecular Microbiology</i> , 2003, 49, 965-976.	2.5	146
15	Malaria-Induced NLRP12/NLRP3-Dependent Caspase-1 Activation Mediates Inflammation and Hypersensitivity to Bacterial Superinfection. <i>PLoS Pathogens</i> , 2014, 10, e1003885.	4.7	134
16	Nitric Oxide Partially Controls <i>Coxiella burnetii</i> Phase II Infection in Mouse Primary Macrophages. <i>Infection and Immunity</i> , 2003, 71, 1225-1233.	2.2	117
17	Type IV Secretion-Dependent Activation of Host MAP Kinases Induces an Increased Proinflammatory Cytokine Response to <i>Legionella pneumophila</i> . <i>PLoS Pathogens</i> , 2008, 4, e1000220.	4.7	114
18	Inhibition of caspase-1 or gasdermin-D enable caspase-8 activation in the Naip5/NLRC4/ASC inflammasome. <i>PLoS Pathogens</i> , 2017, 13, e1006502.	4.7	114

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19	Critical Role of ASC Inflammasomes and Bacterial Type IV Secretion System in Caspase-1 Activation and Host Innate Resistance to <i>Brucella abortus</i> Infection. <i>Journal of Immunology</i> , 2013, 190, 3629-3638.	0.8	112
20	Gasdermin D inhibition prevents multiple organ dysfunction during sepsis by blocking NET formation. <i>Blood</i> , 2021, 138, 2702-2713.	1.4	107
21	Cutting Edge: Nucleotide-Binding Oligomerization Domain 1-Dependent Responses Account for Murine Resistance against <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2010, 184, 1148-1152.	0.8	105
22	Opposing roles of LTB4 and PGE2 in regulating the inflammasome-dependent scorpion venom-induced mortality. <i>Nature Communications</i> , 2016, 7, 10760.	12.8	95
23	Pore Formation Triggered by <i>Legionella</i> spp. Is an Nlr4 Inflammasome-Dependent Host Cell Response That Precedes Pyroptosis. <i>Infection and Immunity</i> , 2010, 78, 1403-1413.	2.2	93
24	Mitochondrial DNA Activates the NLRP3 Inflammasome and Predisposes to Type 1 Diabetes in Murine Model. <i>Frontiers in Immunology</i> , 2017, 8, 164.	4.8	91
25	Leishmania Lipophosphoglycan Triggers Caspase-11 and the Non-canonical Activation of the NLRP3 Inflammasome. <i>Cell Reports</i> , 2019, 26, 429-437.e5.	6.4	91
26	Inflammasomes in host response to protozoan parasites. <i>Immunological Reviews</i> , 2015, 265, 156-171.	6.0	88
27	NLRP3 Inflammasome Mediates Aldosterone-Induced Vascular Damage. <i>Circulation</i> , 2016, 134, 1866-1880.	1.6	87
28	The pattern recognition receptors Nod1 and Nod2 account for neutrophil recruitment to the lungs of mice infected with <i>Legionella pneumophila</i> . <i>Microbes and Infection</i> , 2010, 12, 819-827.	1.9	86
29	Stimulation of Toll-like Receptor 2 by <i>Coxiella burnetii</i> Is Required for Macrophage Production of Pro-inflammatory Cytokines and Resistance to Infection. <i>Journal of Biological Chemistry</i> , 2004, 279, 54405-54415.	3.4	84
30	Role of regulatory T cells in long-term immune dysfunction associated with severe sepsis. <i>Critical Care Medicine</i> , 2010, 38, 1718-1725.	0.9	83
31	Apoptosis-Associated Speck-like Protein Containing a Caspase Recruitment Domain Inflammasomes Mediate IL-1 β Response and Host Resistance to <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2013, 191, 3373-3383.	0.8	83
32	Pivotal Role of Toll-Like Receptors 2 and 4, Its Adaptor Molecule MyD88, and Inflammasome Complex in Experimental Tubule-Interstitial Nephritis. <i>PLoS ONE</i> , 2011, 6, e29004.	2.5	83
33	Inhibition of inflammasome activation by <i>Coxiella burnetii</i> type IV secretion system effector IcaA. <i>Nature Communications</i> , 2015, 6, 10205.	12.8	82
34	Subversion of inflammasome activation and pyroptosis by pathogenic bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 76.	3.9	80
35	Activation of NLR4 by Flagellated Bacteria Triggers Caspase-1-Dependent and -Independent Responses To Restrict <i>Legionella pneumophila</i> Replication in Macrophages and In Vivo. <i>Journal of Immunology</i> , 2011, 187, 6447-6455.	0.8	77
36	IL-18 Triggered by the Nlrp3 Inflammasome Induces Host Innate Resistance in a Pulmonary Model of Fungal Infection. <i>Journal of Immunology</i> , 2015, 194, 4507-4517.	0.8	77

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37	The P2X7 Receptor Mediates <i>Toxoplasma gondii</i> Control in Macrophages through Canonical NLRP3 Inflammasome Activation and Reactive Oxygen Species Production. <i>Frontiers in Immunology</i> , 2017, 8, 1257.	4.8	77
38	Caspase-1 but Not Caspase-11 Is Required for NLRC4-Mediated Pyroptosis and Restriction of Infection by Flagellated <i>Legionella</i> Species in Mouse Macrophages and In Vivo. <i>Journal of Immunology</i> , 2015, 195, 2303-2311.	0.8	67
39	Guanylate-binding protein 5 licenses caspase-11 for Gasdermin-D mediated host resistance to <i>Brucella abortus</i> infection. <i>PLoS Pathogens</i> , 2018, 14, e1007519.	4.7	67
40	Gasdermin-D and Caspase-7 are the key Caspase-1/8 substrates downstream of the NAIP5/NLRC4 inflammasome required for restriction of <i>Legionella pneumophila</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007886.	4.7	65
41	<i>Leishmania</i> RNA virus exacerbates Leishmaniasis by subverting innate immunity via TLR3-mediated NLRP3 inflammasome inhibition. <i>Nature Communications</i> , 2019, 10, 5273.	12.8	65
42	Ecology of the Worm-Lizard <i>Amphisbaena alba</i> in the Cerrado of Central Brazil. <i>Copeia</i> , 1999, 1999, 733.	1.3	64
43	NALP3: a key player in caspase-1 activation. <i>Journal of Endotoxin Research</i> , 2006, 12, 251-256.	2.5	64
44	THE ROLE OF INNATE IMMUNITY IN SEPTIC ACUTE KIDNEY INJURIES. <i>Shock</i> , 2010, 34, 22-26.	2.1	64
45	AIM2 Engages Active but Unprocessed Caspase-1 to Induce Noncanonical Activation of the NLRP3 Inflammasome. <i>Cell Reports</i> , 2017, 20, 794-805.	6.4	64
46	Dectin-1 Activation during <i>Leishmania amazonensis</i> Phagocytosis Prompts Syk-Dependent Reactive Oxygen Species Production To Trigger Inflammasome Assembly and Restriction of Parasite Replication. <i>Journal of Immunology</i> , 2017, 199, 2055-2068.	0.8	61
47	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. <i>Vascular Pharmacology</i> , 2022, 142, 106946.	2.1	59
48	NALP3: a key player in caspase-1 activation. <i>Journal of Endotoxin Research</i> , 2006, 12, 251-256.	2.5	58
49	The Inhibition of Inflammasome by Brazilian Propolis (EPP-AF). <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	1.2	56
50	Inflammasome Activation Is Reactive Oxygen Species Dependent and Mediates Irinotecan-Induced Mucositis through IL-1 β and IL-18 in Mice. <i>American Journal of Pathology</i> , 2014, 184, 2023-2034.	3.8	56
51	NOD-Like Receptor P3 Inflammasome Controls Protective Th1/Th17 Immunity against Pulmonary Paracoccidioidomycosis. <i>Frontiers in Immunology</i> , 2017, 8, 786.	4.8	56
52	Autophagy downstream of endosomal Toll-like receptor signaling in macrophages is a key mechanism for resistance to <i>Leishmania major</i> infection. <i>Journal of Biological Chemistry</i> , 2017, 292, 13087-13096.	3.4	52
53	IL-1 β Production by Intermediate Monocytes Is Associated with Immunopathology in Cutaneous Leishmaniasis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1107-1115.	0.7	52
54	Mitochondrial DNA Promotes NLRP3 Inflammasome Activation and Contributes to Endothelial Dysfunction and Inflammation in Type 1 Diabetes. <i>Frontiers in Physiology</i> , 2019, 10, 1557.	2.8	52

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55	Nitric oxide donor $[RuCl([^{15}N]_4)NO]_2$ as a possible therapeutic approach for Chagas' disease. <i>British Journal of Pharmacology</i> , 2010, 160, 270-282.	5.4	48
56	The NLRP3 inflammasome contributes to host protection during <i>Sporothrix schenckii</i> infection. <i>Immunology</i> , 2017, 151, 154-166.	4.4	48
57	A Dual Role for P2X7 Receptor during <i>Porphyromonas gingivalis</i> Infection. <i>Journal of Dental Research</i> , 2015, 94, 1233-1242.	5.2	46
58	The NLRP3 inflammasome is involved with the pathogenesis of Mayaro virus. <i>PLoS Pathogens</i> , 2019, 15, e1007934.	4.7	46
59	A Novel Pathway for Inducible Nitric-oxide Synthase Activation through Inflammasomes. <i>Journal of Biological Chemistry</i> , 2010, 285, 32087-32095.	3.4	45
60	Heparin prevents in vitro glycocalyx shedding induced by plasma from COVID-19 patients. <i>Life Sciences</i> , 2021, 276, 119376.	4.3	44
61	Joint NOD2/RIPK2 Signaling Regulates IL-17 Axis and Contributes to the Development of Experimental Arthritis. <i>Journal of Immunology</i> , 2012, 188, 5116-5122.	0.8	43
62	The Nlr4 Inflammasome Contributes to Restriction of Pulmonary Infection by Flagellated <i>Legionella</i> spp. that Trigger Pyroptosis. <i>Frontiers in Microbiology</i> , 2011, 2, 33.	3.5	42
63	Innate Immunity to <i>Legionella Pneumophila</i> . <i>Frontiers in Microbiology</i> , 2011, 2, 109.	3.5	42
64	IFN- β Plays a Unique Role in Protection against Low Virulent <i>Trypanosoma cruzi</i> Strain. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1598.	3.0	42
65	Caspase-1 is Involved in the Genesis of Inflammatory Hypernociception by Contributing to Peripheral IL-1 β Maturation. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-63.	2.1	40
66	Innate Immune Activation and Subversion of Mammalian Functions by <i>Leishmania</i> Lipophosphoglycan. <i>Journal of Parasitology Research</i> , 2012, 2012, 1-11.	1.2	40
67	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.	14.3	38
68	Gasdermin-D activation by SARS-CoV-2 triggers NET and mediate COVID-19 immunopathology. <i>Critical Care</i> , 2022, 26, .	5.8	38
69	Inhibition of inflammasome activation by a clinical strain of <i>Klebsiella pneumoniae</i> impairs efferocytosis and leads to bacterial dissemination. <i>Cell Death and Disease</i> , 2018, 9, 1182.	6.3	36
70	Relevance of the Myeloid Differentiation Factor 88 (MyD88) on RANKL, OPG, and Nod Expressions Induced by TLR and IL-1R Signaling in Bone Marrow Stromal Cells. <i>Inflammation</i> , 2015, 38, 1-8.	3.8	35
71	Interleukin 1 Receptor-Driven Neutrophil Recruitment Accounts to MyD88-Dependent Pulmonary Clearance of <i>Legionella pneumophila</i> Infection In Vivo. <i>Journal of Infectious Diseases</i> , 2015, 211, 322-330.	4.0	34
72	Infection of Vero cells with <i>Coxiella burnetii</i> phase II: relative intracellular bacterial load and distribution estimated by confocal laser scanning microscopy and morphometry. <i>Journal of Microbiological Methods</i> , 2001, 43, 223-232.	1.6	33

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73	Intrinsic expression of Nod2 in CD4 ⁺ T lymphocytes is not necessary for the development of cell-mediated immunity and host resistance to <i>Toxoplasma gondii</i> . <i>European Journal of Immunology</i> , 2011, 41, 3627-3631.	2.9	33
74	Systems analysis of subjects acutely infected with the Chikungunya virus. <i>PLoS Pathogens</i> , 2019, 15, e1007880.	4.7	33
75	NOD2 Contributes to <i>Porphyromonas gingivalis</i> -induced Bone Resorption. <i>Journal of Dental Research</i> , 2014, 93, 1155-1162.	5.2	31
76	Pro-inflammatory Ca ⁺⁺ -activated K ⁺ channels are inhibited by hydroxychloroquine. <i>Scientific Reports</i> , 2017, 7, 1892.	3.3	31
77	The NOD2 signaling in peripheral macrophages contributes to neuropathic pain development. <i>Pain</i> , 2019, 160, 102-116.	4.2	31
78	Efferocytosis of SARS-CoV-2-infected dying cells impairs macrophage anti-inflammatory functions and clearance of apoptotic cells. <i>ELife</i> , 0, 11, .	6.0	31
79	Mouse resident peritoneal macrophages partially control in vitro infection with <i>Coxiella burnetii</i> phase II. <i>Microbes and Infection</i> , 2002, 4, 591-598.	1.9	30
80	Murine Alveolar Macrophages Are Highly Susceptible to Replication of <i>Coxiella burnetii</i> Phase II <i>In Vitro</i> . <i>Infection and Immunity</i> , 2016, 84, 2439-2448.	2.2	30
81	The role of annexin A1 in the modulation of the NLRP3 inflammasome. <i>Immunology</i> , 2020, 160, 78-89.	4.4	29
82	Role of the transcriptional regulator SP140 in resistance to bacterial infections via repression of type I interferons. <i>ELife</i> , 2021, 10, .	6.0	29
83	Inflammasomes and Leishmania: in good times or bad, in sickness or in health. <i>Current Opinion in Microbiology</i> , 2019, 52, 70-76.	5.1	28
84	Nucleotide-binding oligomerization domain-containing protein 2 prompts potent inflammatory stimuli during <i>Neospora caninum</i> infection. <i>Scientific Reports</i> , 2016, 6, 29289.	3.3	27
85	Inflammasome Activation in Response to Intracellular Protozoan Parasites. <i>Trends in Parasitology</i> , 2020, 36, 459-472.	3.3	27
86	SARS-CoV-2 productively infects primary human immune system cells <i>in vitro</i> and in COVID-19 patients. <i>Journal of Molecular Cell Biology</i> , 2022, 14, .	3.3	26
87	Genetic Control of Natural Resistance of Mouse Macrophages to <i>Coxiella burnetii</i> Infection <i>In Vitro</i> : Macrophages from Restrictive Strains Control Parasitophorous Vacuole Maturation. <i>Infection and Immunity</i> , 2004, 72, 2395-2399.	2.2	25
88	Primary Role for Toll-Like Receptor-Driven Tumor Necrosis Factor Rather than Cytosolic Immune Detection in Restricting <i>Coxiella burnetii</i> Phase II Replication within Mouse Macrophages. <i>Infection and Immunity</i> , 2016, 84, 998-1015.	2.2	25
89	NLRP12 Attenuates Inflammatory Bone Loss in Experimental Apical Periodontitis. <i>Journal of Dental Research</i> , 2019, 98, 476-484.	5.2	25
90	Molecular basis of carrageenan-induced cytokines production in macrophages. <i>Cell Communication and Signaling</i> , 2020, 18, 141.	6.5	25

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91	Peripheral NLR4 inflammasome participates in the genesis of acute inflammatory pain. <i>Pain</i> , 2015, 156, 451-459.	4.2	24
92	Anti-metastatic immunotherapy based on mucosal administration of flagellin and immunomodulatory P10. <i>Immunology and Cell Biology</i> , 2015, 93, 86-98.	2.3	24
93	Phagocytosis of Apoptotic Cells Increases the Susceptibility of Macrophages to Infection with <i>Coxiella burnetii</i> Phase II through Down-Modulation of Nitric Oxide Production. <i>Infection and Immunity</i> , 2004, 72, 2075-2080.	2.2	23
94	<i>NOD1</i> in the modulation of host-microbe interactions and inflammatory bone resorption in the periodontal disease model. <i>Immunology</i> , 2016, 149, 374-385.	4.4	23
95	Inflammasome biology taught by <i>Legionella pneumophila</i> . <i>Journal of Leukocyte Biology</i> , 2017, 101, 841-849.	3.3	23
96	<i>Leishmania Viannia guyanensis</i> , LRV1 virus and extracellular vesicles: a dangerous trio influencing the faith of immune response during muco-cutaneous leishmaniasis. <i>Current Opinion in Immunology</i> , 2020, 66, 108-113.	5.5	23
97	Microbicidal property of B1 cell derived mononuclear phagocyte. <i>Immunobiology</i> , 2009, 214, 664-673.	1.9	22
98	Inflammasome Activation Is Critical to the Protective Immune Response during Chemically Induced Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2014, 9, e107170.	2.5	21
99	Expression and activity of <i>NOD1</i> and <i>NOD2</i> / <i>RIPK2</i> signalling in mononuclear cells from patients with rheumatoid arthritis. <i>Scandinavian Journal of Rheumatology</i> , 2016, 45, 8-12.	1.1	21
100	<i>NOD2</i> - <i>RIP2</i> -Mediated Signaling Helps Shape Adaptive Immunity in Visceral Leishmaniasis. <i>Journal of Infectious Diseases</i> , 2016, 214, 1647-1657.	4.0	20
101	NLR4 biology in immunity and inflammation. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1117-1127.	3.3	20
102	Caspase-11-dependent IL-1 β release boosts Th17 immunity against <i>Paracoccidioides brasiliensis</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007990.	4.7	19
103	Macrophage priming is dispensable for NLRP3 inflammasome activation and restriction of <i>Leishmania amazonensis</i> replication. <i>Journal of Leukocyte Biology</i> , 2019, 106, 631-640.	3.3	19
104	The DNA Sensor AIM2 Protects against Streptozotocin-Induced Type 1 Diabetes by Regulating Intestinal Homeostasis via the IL-18 Pathway. <i>Cells</i> , 2020, 9, 959.	4.1	19
105	Cytosolic detection of flagellin: a deadly twist. <i>Nature Immunology</i> , 2006, 7, 549-551.	14.5	18
106	Role of <i>NOD2</i> and <i>RIP2</i> in host-microbe interactions with Gram-negative bacteria: insights from the periodontal disease model. <i>Innate Immunity</i> , 2016, 22, 598-611.	2.4	18
107	Absence of <i>NOD2</i> receptor predisposes to intestinal inflammation by a deregulation in the immune response in hosts that are unable to control gut dysbiosis. <i>Immunobiology</i> , 2018, 223, 577-585.	1.9	17
108	The global response to the COVID-19 pandemic: how have immunology societies contributed?. <i>Nature Reviews Immunology</i> , 2020, 20, 594-602.	22.7	17

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109	Chikungunya Virus Exposure Partially Cross-Protects against Mayaro Virus Infection in Mice. Journal of Virology, 2021, 95, e0112221.	3.4	17
110	<i>Legionella longbeachae</i> is immunologically silent and highly virulent <i>in vivo</i> . Journal of Infectious Diseases, 2017, 215, jiw560.	4.0	16
111	MyD88-, but Not Nod1- and/or Nod2-Deficient Mice, Show Increased Susceptibility to Polymicrobial Sepsis due to Impaired Local Inflammatory Response. PLoS ONE, 2014, 9, e103734.	2.5	16
112	Nucleotide-Binding Oligomerization Domain-1 and -2 Play No Role in Controlling <i>Brucella abortus</i> Infection in Mice. Clinical and Developmental Immunology, 2012, 2012, 1-5.	3.3	15
113	NLRP12 controls arthritis severity by acting as a checkpoint inhibitor of Th17 cell differentiation. FASEB Journal, 2020, 34, 10907-10919.	0.5	12
114	Interplay Between Reactive Oxygen Species and the Inflammasome Are Crucial for Restriction of <i>Neospora caninum</i> Replication. Frontiers in Cellular and Infection Microbiology, 2020, 10, 243.	3.9	12
115	Phosphoinositide 3-kinase gamma regulates caspase-1 activation and leukocyte recruitment in acute murine gout. Journal of Leukocyte Biology, 2019, 106, 619-629.	3.3	11
116	Caspase-8 mediates inflammation and disease in rodent malaria. Nature Communications, 2020, 11, 4596.	12.8	11
117	Sepsis-Induced Immunosuppression Is Marked by an Expansion of a Highly Suppressive Repertoire of FOXP3+ T-Regulatory Cells Expressing TIGIT. Journal of Infectious Diseases, 2022, 225, 531-541.	4.0	11
118	Keeping the host alive – lessons from obligate intracellular bacterial pathogens. Pathogens and Disease, 2021, 79, .	2.0	11
119	A Parent-of-Origin Effect Determines the Susceptibility of a Non-Informative F1 Population to <i>Trypanosoma cruzi</i> Infection In Vivo. PLoS ONE, 2013, 8, e56347.	2.5	10
120	Inflammasome Activation by CD8+ T Cells from Patients with Cutaneous Leishmaniasis Caused by <i>Leishmania braziliensis</i> in the Immunopathogenesis of the Disease. Journal of Investigative Dermatology, 2021, 141, 209-213.e2.	0.7	10
121	Lipid droplet accumulation occurs early following <i>Salmonella</i> infection and contributes to intracellular bacterial survival and replication. Molecular Microbiology, 2022, 117, 293-306.	2.5	10
122	The Use of a Heterogeneously Controlled Mouse Population Reveals a Significant Correlation of Acute Phase Parasitemia with Mortality in Chagas Disease. PLoS ONE, 2014, 9, e91640.	2.5	9
123	Immunity to Protozoan Parasites. Journal of Parasitology Research, 2012, 2012, 1-3.	1.2	8
124	Recognition of <i>Legionella pneumophila</i> nucleic acids by innate immune receptors. Microbes and Infection, 2014, 16, 985-990.	1.9	8
125	Protein methyltransferase 7 deficiency in <i>Leishmania major</i> increases neutrophil associated pathology in murine model. PLoS Neglected Tropical Diseases, 2021, 15, e0009230.	3.0	8
126	Inflammasome-dependent Mechanisms Involved in Sensing and Restriction of Bacterial Replication. Current Issues in Molecular Biology, 2018, 25, 99-132.	2.4	8

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127	Nucleotide-binding oligomerization domain-2 (NOD2) regulates type-1 cytokine responses to <i>Mycobacterium avium</i> but is not required for host control of infection. <i>Microbes and Infection</i> , 2015, 17, 337-344.	1.9	7
128	COVID-19 bimodal clinical and pathological phenotypes. <i>Clinical and Translational Medicine</i> , 2022, 12, e648.	4.0	7
129	Endosymbiotic RNA virus inhibits <i>Leishmania</i> -induced caspase-11 activation. <i>iScience</i> , 2021, 24, 102004.	4.1	6
130	Identification and functional characterization of K ⁺ transporters encoded by <i>Legionella pneumophila</i> ...kupgenes. <i>Cellular Microbiology</i> , 2013, 15, 2006-2019.	2.1	4
131	The Mouse as a Model for Pulmonary <i>Legionella</i> Infection. <i>Methods in Molecular Biology</i> , 2013, 954, 493-503.	0.9	4
132	Disease Severity and Mortality Can Be Independently Regulated in a Mouse Model of Experimental Graft versus Host Disease. <i>PLoS ONE</i> , 2015, 10, e0118079.	2.5	3
133	NOD2 receptor is crucial for protecting against the digestive form of Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008667.	3.0	3
134	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.	4.0	2
135	Inflammasome Activation in <i>Legionella</i> -Infected Macrophages. <i>Methods in Molecular Biology</i> , 2019, 1921, 305-319.	0.9	2
136	Dietary Fiber Drives IL-1 β -Dependent Peritonitis Induced by <i>Bacteroides fragilis</i> via Activation of the NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2021, 206, 2441-2452.	0.8	1
137	Carrageenan Triggers NLRP3 Inflammasome Activation and IL-1 β Production by Macrophages. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
138	When the Going Gets Tough: Scientists's™ Personal Challenges. <i>Cell</i> , 2014, 159, 225-226.	28.9	0
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