

Dario Simes Zamboni

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139 papers	6,582 citations	42 h-index	77 g-index
157 ext. papers	8,348 ext. citations	7.7 avg, IF	5.86 L-index

#	Paper	IF	Citations
139	The Birc1e cytosolic pattern-recognition receptor contributes to the detection and control of <i>Legionella pneumophila</i> infection. <i>Nature Immunology</i> , 2006 , 7, 318-25	19.1	425
138	Flagellin-deficient <i>Legionella</i> mutants evade caspase-1- and Naip5-mediated macrophage immunity. <i>PLoS Pathogens</i> , 2006 , 2, e18	7.6	404
137	SARS-CoV-2-triggered neutrophil extracellular traps mediate COVID-19 pathology. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	325
136	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
135	Inflammasome-derived IL-1 β production induces nitric oxide-mediated resistance to <i>Leishmania</i> . <i>Nature Medicine</i> , 2013 , 19, 909-15	50.5	246
134	A method for generation of bone marrow-derived macrophages from cryopreserved mouse bone marrow cells. <i>PLoS ONE</i> , 2010 , 5, e15263	3.7	215
133	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	11.5	210
132	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, 1851-6	11.5	208
131	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
130	NOD1 and NOD2 Signaling in Infection and Inflammation. <i>Frontiers in Immunology</i> , 2012 , 3, 328	8.4	166
129	<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, 965-76	4.1	129
128	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
127	Malaria-induced NLRP12/NLRP3-dependent caspase-1 activation mediates inflammation and hypersensitivity to bacterial superinfection. <i>PLoS Pathogens</i> , 2014 , 10, e1003885	7.6	104
126	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
125	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	7.6	99
124	Gut microbiota translocation to the pancreatic lymph nodes triggers NOD2 activation and contributes to T1D onset. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1223-39	16.6	98
123	Nitric oxide partially controls <i>Coxiella burnetii</i> phase II infection in mouse primary macrophages. <i>Infection and Immunity</i> , 2003 , 71, 1225-33	3.7	95

122	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, 1148-52	5.3	92
121	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, 3629-38	5.3	82
120	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, 1403-13	3.7	82
119	Inhibition of caspase-1 or gasdermin-D enable caspase-8 activation in the Naip5/NLRC4/ASC inflammasome. <i>PLoS Pathogens</i> , 2017 , 13, e1006502	7.6	81
118	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
117	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
116	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	3.7	69
115	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, 54405-15	5.45	67
114	Inflammasomes in host response to protozoan parasites. <i>Immunological Reviews</i> , 2015 , 265, 156-71	11.3	66
113	Activation of NLRC4 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, 6447-55	5.3	66
112	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, 4507-17	5.3	65
111	Opposing roles of LTB4 and PGE2 in regulating the inflammasome-dependent scorpion venom-induced mortality. <i>Nature Communications</i> , 2016 , 7, 10760	17.4	63
110	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, 3373-83	5.3	62
109	Subversion of inflammasome activation and pyroptosis by pathogenic bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013 , 3, 76	5.9	62
108	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, 2303-11	5.3	60
107	Leishmania Lipophosphoglycan Triggers Caspase-11 and the Non-canonical Activation of the NLRP3 Inflammasome. <i>Cell Reports</i> , 2019 , 26, 429-437.e5	10.6	60
106	NALP3: a key player in caspase-1 activation. <i>Journal of Endotoxin Research</i> , 2006 , 12, 251-6		58
105	The P2X7 Receptor Mediates Control in Macrophages through Canonical NLRP3 Inflammasome Activation and Reactive Oxygen Species Production. <i>Frontiers in Immunology</i> , 2017 , 8, 1257	8.4	56

104	Inhibition of inflammasome activation by <i>Coxiella burnetii</i> type IV secretion system effector IcaA. <i>Nature Communications</i> , 2015 , 6, 10205	17.4	56
103	NALP3: a key player in caspase-1 activation. <i>Journal of Endotoxin Research</i> , 2006 , 12, 251-256		55
102	NLRP3 Inflammasome Mediates Aldosterone-Induced Vascular Damage. <i>Circulation</i> , 2016 , 134, 1866-1880	16.7	53
101	AIM2 Engages Active but Unprocessed Caspase-1 to Induce Noncanonical Activation of the NLRP3 Inflammasome. <i>Cell Reports</i> , 2017 , 20, 794-805	10.6	50
100	Mitochondrial DNA Activates the NLRP3 Inflammasome and Predisposes to Type 1 Diabetes in Murine Model. <i>Frontiers in Immunology</i> , 2017 , 8, 164	8.4	49
99	The role of innate immunity in septic acute kidney injuries. <i>Shock</i> , 2010 , 34 Suppl 1, 22-6	3.4	48
98	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	7.6	43
97	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	7.6	42
96	Dectin-1 Activation during 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	5.3	42
95	Nitric oxide donor trans-[RuCl([15]aneN)NO] as a possible therapeutic approach for Chagas disease. <i>British Journal of Pharmacology</i> , 2010 , 160, 270-82	8.6	42
94	Ecology of the Worm-Lizard <i>Amphisbaena alba</i> in the Cerrado of Central Brazil. <i>Copeia</i> , 1999 , 1999, 733	1.1	42
93	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, 2023-34	5.8	40
92	NOD-Like Receptor P3 Inflammasome Controls Protective Th1/Th17 Immunity against Pulmonary Paracoccidioidomycosis. <i>Frontiers in Immunology</i> , 2017 , 8, 786	8.4	39
91	Infection of human lymphomononuclear cells by SARS-CoV-2 2020 ,		37
90	Autophagy downstream of endosomal Toll-like receptor signaling in macrophages is a key mechanism for resistance to infection. <i>Journal of Biological Chemistry</i> , 2017 , 292, 13087-13096	5.4	36
89	A novel pathway for inducible nitric-oxide synthase activation through inflammasomes. <i>Journal of Biological Chemistry</i> , 2010 , 285, 32087-95	5.4	36
88	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
87	Innate immunity to <i>legionella pneumophila</i> . <i>Frontiers in Microbiology</i> , 2011 , 2, 109	5.7	36

86	The Nlrp4 Inflammasome Contributes to Restriction of Pulmonary Infection by Flagellated Legionella spp. that Trigger Pyroptosis. <i>Frontiers in Microbiology</i> , 2011 , 2, 33	5.7	35
85	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
84	The Inhibition of Inflammasome by Brazilian Propolis (EPP-AF). <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 418508	2.3	34
83	The NLRP3 inflammasome contributes to host protection during <i>Sporothrix schenckii</i> infection. <i>Immunology</i> , 2017 , 151, 154-166	7.8	33
82	IL-1 β Production by Intermediate Monocytes Is Associated with Immunopathology in Cutaneous Leishmaniasis. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1107-1115	4.3	33
81	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	4.6	32
80	A Dual Role for P2X7 Receptor during Porphyromonas gingivalis Infection. <i>Journal of Dental Research</i> , 2015 , 94, 1233-42	8.1	31
79	Infection of Vero cells with Coxiella burnetii phase II: relative intracellular bacterial load and distribution estimated by confocal laser scanning microscopy and morphometry. <i>Journal of Microbiological Methods</i> , 2001 , 43, 223-32	2.8	31
78	The NLRP3 inflammasome is involved with the pathogenesis of Mayaro virus. <i>PLoS Pathogens</i> , 2019 , 15, e1007934	7.6	30
77	Intrinsic expression of Nod2 in CD4+ T lymphocytes is not necessary for the development of cell-mediated immunity and host resistance to Toxoplasma gondii. <i>European Journal of Immunology</i> , 2011 , 41, 3627-31	6.1	30
76	IFN- γ plays a unique role in protection against low virulent Trypanosoma cruzi strain. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1598	4.8	30
75	Innate immune activation and subversion of Mammalian functions by leishmania lipophosphoglycan. <i>Journal of Parasitology Research</i> , 2012 , 2012, 165126	1.9	30
74	Leishmania RNA virus exacerbates Leishmaniasis by subverting innate immunity via TLR3-mediated NLRP3 inflammasome inhibition. <i>Nature Communications</i> , 2019 , 10, 5273	17.4	27
73	Interleukin 1 receptor-driven neutrophil recruitment accounts to MyD88-dependent pulmonary clearance of legionella pneumophila infection in vivo. <i>Journal of Infectious Diseases</i> , 2015 , 211, 322-30	7	26
72	Mouse resident peritoneal macrophages partially control in vitro infection with Coxiella burnetii phase II. <i>Microbes and Infection</i> , 2002 , 4, 591-8	9.3	26
71	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	5.1	25
70	NOD2 contributes to Porphyromonas gingivalis-induced bone resorption. <i>Journal of Dental Research</i> , 2014 , 93, 1155-62	8.1	25
69	Inhibition of inflammasome activation by a clinical strain of Klebsiella pneumoniae impairs efferocytosis and leads to bacterial dissemination. <i>Cell Death and Disease</i> , 2018 , 9, 1182	9.8	25

68	Genetic control of natural resistance of mouse macrophages to <i>Coxiella burnetii</i> infection in vitro: macrophages from restrictive strains control parasitophorous vacuole maturation. <i>Infection and Immunity</i> , 2004 , 72, 2395-9	3.7	22
67	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, 2075-80	3.7	22
66	Pro-inflammatory Ca-activated K channels are inhibited by hydroxychloroquine. <i>Scientific Reports</i> , 2017 , 7, 1892	4.9	19
65	Anti-metastatic immunotherapy based on mucosal administration of flagellin and immunomodulatory P10. <i>Immunology and Cell Biology</i> , 2015 , 93, 86-98	5	19
64	Microbicidal property of B1 cell derived mononuclear phagocyte. <i>Immunobiology</i> , 2009 , 214, 664-73	3.4	19
63	Nucleotide-binding oligomerization domain-containing protein 2 prompts potent inflammatory stimuli during <i>Neospora caninum</i> infection. <i>Scientific Reports</i> , 2016 , 6, 29289	4.9	19
62	Inflammasomes and Leishmania: in good times or bad, in sickness or in health. <i>Current Opinion in Microbiology</i> , 2019 , 52, 70-76	7.9	17
61	Murine Alveolar Macrophages Are Highly Susceptible to Replication of <i>Coxiella burnetii</i> Phase II In Vitro. <i>Infection and Immunity</i> , 2016 , 84, 2439-48	3.7	17
60	Caspase-11-dependent IL-1 β release boosts Th17 immunity against <i>Paracoccidioides brasiliensis</i> . <i>PLoS Pathogens</i> , 2019 , 15, e1007990	7.6	16
59	SARS-CoV-2 triggered neutrophil extracellular traps (NETs) mediate COVID-19 pathology		16
58	NOD1 in the modulation of host-microbe interactions and inflammatory bone resorption in the periodontal disease model. <i>Immunology</i> , 2016 , 149, 374-385	7.8	16
57	The NOD2 signaling in peripheral macrophages contributes to neuropathic pain development. <i>Pain</i> , 2019 , 160, 102-116	8	16
56	Expression and activity of NOD1 and NOD2/RIPK2 signalling in mononuclear cells from patients with rheumatoid arthritis. <i>Scandinavian Journal of Rheumatology</i> , 2016 , 45, 8-12	1.9	15
55	Peripheral NLR4 inflammasome participates in the genesis of acute inflammatory pain. <i>Pain</i> , 2015 , 156, 451-459	8	15
54	Inflammasome Activation in Response to Intracellular Protozoan Parasites. <i>Trends in Parasitology</i> , 2020 , 36, 459-472	6.4	15
53	Heparin prevents in vitro glycocalyx shedding induced by plasma from COVID-19 patients. <i>Life Sciences</i> , 2021 , 276, 119376	6.8	15
52	Gasdermin D inhibition prevents multiple organ dysfunction during sepsis by blocking NET formation. <i>Blood</i> , 2021 ,	2.2	15
51	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	6.5	14

50	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	3.7	14
49	Nucleotide-binding oligomerization domain-1 and -2 play no role in controlling <i>Brucella abortus</i> infection in mice. <i>Clinical and Developmental Immunology</i> , 2012 , 2012, 861426		14
48	NOD2-RIP2-Mediated Signaling Helps Shape Adaptive Immunity in Visceral Leishmaniasis. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1647-1657	7	14
47	Inflammasome biology taught by. <i>Journal of Leukocyte Biology</i> , 2017 , 101, 841-849	6.5	13
46	Systems analysis of subjects acutely infected with the Chikungunya virus. <i>PLoS Pathogens</i> , 2019 , 15, e1007880	7.8	13
45	The role of annexin A1 in the modulation of the NLRP3 inflammasome. <i>Immunology</i> , 2020 , 160, 78-89	7.8	13
44	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
43	Beneficial effects of colchicine for moderate to severe COVID-19: an interim analysis of a randomized, double-blinded, placebo controlled clinical trial		13
42	Inflammasome activation is critical to the protective immune response during chemically induced squamous cell carcinoma. <i>PLoS ONE</i> , 2014 , 9, e107170	3.7	12
41	Role of NOD2 and RIP2 in host-microbe interactions with Gram-negative bacteria: insights from the periodontal disease model. <i>Innate Immunity</i> , 2016 , 22, 598-611	2.7	12
40	<i>Legionella longbeachae</i> Is Immunologically Silent and Highly Virulent In Vivo. <i>Journal of Infectious Diseases</i> , 2017 , 215, 440-451	7	11
39	Inflammasome activation in COVID-19 patients		10
38	Molecular basis of carrageenan-induced cytokines production in macrophages. <i>Cell Communication and Signaling</i> , 2020 , 18, 141	7.5	10
37	The global response to the COVID-19 pandemic: how have immunology societies contributed?. <i>Nature Reviews Immunology</i> , 2020 , 20, 594-602	36.5	10
36	Absence of NOD2 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	3.4	9
35	NLRP12 Attenuates Inflammatory Bone Loss in Experimental Apical Periodontitis. <i>Journal of Dental Research</i> , 2019 , 98, 476-484	8.1	8
34	NLR4 biology in immunity and inflammation. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 1117-1127	6.5	8
33	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,	7.9	8

32	A parent-of-origin effect determines the susceptibility of a non-informative F1 population to Trypanosoma cruzi infection in vivo. <i>PLoS ONE</i> , 2013 , 8, e56347	3.7	8
31	Role of the transcriptional regulator SP140 in resistance to bacterial infections via repression of type I interferons. <i>ELife</i> , 2021 , 10,	8.9	8
30	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
29	Phosphoinositide-3 kinase gamma regulates caspase-1 activation and leukocyte recruitment in acute murine gout. <i>Journal of Leukocyte Biology</i> , 2019 , 106, 619-629	6.5	7
28	Leishmania Viannia guyanensis, 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	7.8	7
27	The use of a heterogeneously controlled mouse population reveals a significant correlation of acute phase parasitemia with mortality in Chagas disease. <i>PLoS ONE</i> , 2014 , 9, e91640	3.7	6
26	Inflammasome-dependent Mechanisms Involved in Sensing and Restriction of Bacterial Replication. <i>Current Issues in Molecular Biology</i> , 2018 , 25, 99-132	2.9	6
25	Efferocytosis of SARS-CoV-2-infected dying cells impairs macrophage anti-inflammatory programming and continual clearance of apoptotic cells		6
24	Nucleotide-binding oligomerization domain-2 (NOD2) regulates type-1 cytokine responses to Mycobacterium avium but is not required for host control of infection. <i>Microbes and Infection</i> , 2015 , 17, 337-44	9.3	5
23	Immunity to protozoan parasites. <i>Journal of Parasitology Research</i> , 2012 , 2012, 250793	1.9	5
22	Inflammasome Activation by CD8 T Cells from Patients with Cutaneous Leishmaniasis Caused by Leishmania braziliensis in the Immunopathogenesis of the Disease. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 209-213.e2	4.3	5
21	Recognition of Legionella pneumophila nucleic acids by innate immune receptors. <i>Microbes and Infection</i> , 2014 , 16, 985-90	9.3	4
20	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. <i>Vascular Pharmacology</i> , 2021 , 142, 106946	5.9	4
19	Role of the transcriptional regulator SP140 in resistance to bacterial infections via repression of type I interferons		4
18	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
17	Caspase-8 mediates inflammation and disease in rodent malaria. <i>Nature Communications</i> , 2020 , 11, 459617.4	17.4	4
16	Protein methyltransferase 7 deficiency in Leishmania major increases neutrophil associated pathology in murine model. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009230	4.8	4
15	Identification and functional characterization of K(+) transporters encoded by Legionella pneumophila kup genes. <i>Cellular Microbiology</i> , 2013 , 15, 2006-19	3.9	3

14	The mouse as a model for pulmonary legionella infection. <i>Methods in Molecular Biology</i> , 2013 , 954, 493-503	3
13	Inflammasome Activation in Legionella-Infected Macrophages. <i>Methods in Molecular Biology</i> , 2019 , 1921, 305-319	1.4 2
12	The host control of a clinical isolate strain of P. aeruginosa infection is independent of Nod-1 but depends on MyD88. <i>Inflammation Research</i> , 2018 , 67, 435-443	7.2 2
11	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	3.7 2
10	Gasdermin-D activation by SARS-CoV-2 trigger NET and mediate COVID-19 immunopathology	2
9	Interplay Between Reactive Oxygen Species and the Inflammasome Are Crucial for Restriction of Replication. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 243	5.9 2
8	NOD2 receptor is crucial for protecting against the digestive form of Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008667	4.8 2
7	Endosymbiotic RNA virus inhibits -induced caspase-11 activation. <i>IScience</i> , 2021 , 24, 102004	6.1 2
6	Keeping the host alive - lessons from obligate intracellular bacterial pathogens. <i>Pathogens and Disease</i> , 2021 , 79,	4.2 1
5	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
4	Chikungunya Virus Exposure Partially Cross-Protects against Mayaro Virus Infection in Mice. <i>Journal of Virology</i> , 2021 , 95, e0112221	6.6 1
3	COVID-19 bimodal clinical and pathological phenotypes.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e648	5.7 0
2	Genetics of Mouse Macrophage Resistance to Legionella pneumophila	301-306
1	Dietary Fiber Drives IL-1 β -Dependent Peritonitis Induced by via Activation of the NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2021 , 206, 2441-2452	5.3