

David M Ojcius

List of Publications by Year in descending order

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238
papers

17,569
citations

13865

67
h-index

17105

122
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244
all docs

244
docs citations

244
times ranked

22025
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidized Mitochondrial DNA Activates the NLRP3 Inflammasome during Apoptosis. <i>Immunity</i> , 2012, 36, 401-414.	14.3	1,618
2	<i>Ganoderma lucidum</i> reduces obesity in mice by modulating the composition of the gut microbiota. <i>Nature Communications</i> , 2015, 6, 7489.	12.8	926
3	ATP Activates a Reactive Oxygen Species-dependent Oxidative Stress Response and Secretion of Proinflammatory Cytokines in Macrophages. <i>Journal of Biological Chemistry</i> , 2007, 282, 2871-2879.	3.4	661
4	Gut commensal <i>Parabacteroides goldsteinii</i> plays a predominant role in the anti-obesity effects of polysaccharides isolated from <i>Hirsutella sinensis</i> . <i>Gut</i> , 2019, 68, 248-262.	12.1	524
5	Cell Death Mechanisms and the Immune System. <i>Immunological Reviews</i> , 1991, 121, 29-65.	6.0	443
6	Lysosomal Membrane Permeabilization Induces Cell Death in a Mitochondrion-dependent Fashion. <i>Journal of Experimental Medicine</i> , 2003, 197, 1323-1334.	8.5	421
7	Association between periodontal pathogens and systemic disease. <i>Biomedical Journal</i> , 2019, 42, 27-35.	3.1	395
8	The Oral Microbiota: Living with a Permanent Guest. <i>DNA and Cell Biology</i> , 2009, 28, 405-411.	1.9	340
9	Impact of COVID-19 on dental education in the United States. <i>Journal of Dental Education</i> , 2020, 84, 718-722.	1.2	338
10	Measures for diagnosing and treating infections by a novel coronavirus responsible for a pneumonia outbreak originating in Wuhan, China. <i>Microbes and Infection</i> , 2020, 22, 74-79.	1.9	288
11	Toll-Like Receptor-2, but Not Toll-Like Receptor-4, Is Essential for Development of Oviduct Pathology in Chlamydial Genital Tract Infection. <i>Journal of Immunology</i> , 2003, 171, 6187-6197.	0.8	272
12	<i>Aspergillus fumigatus</i> Stimulates the NLRP3 Inflammasome through a Pathway Requiring ROS Production and the Syk Tyrosine Kinase. <i>PLoS ONE</i> , 2010, 5, e10008.	2.5	254
13	Ionophore-induced apoptosis: Role of DNA fragmentation and calcium fluxes. <i>Experimental Cell Research</i> , 1991, 197, 43-49.	2.6	241
14	Cytolytic pore-forming proteins and peptides: is there a common structural motif?. <i>Trends in Biochemical Sciences</i> , 1991, 16, 225-229.	7.5	228
15	Anti-obesogenic and antidiabetic effects of plants and mushrooms. <i>Nature Reviews Endocrinology</i> , 2017, 13, 149-160.	9.6	213
16	Functional gene transfer from intracellular bacteria to mammalian cells. <i>Nature Biotechnology</i> , 1998, 16, 862-866.	17.5	210
17	P _{2Z} /P _{2X7} receptor-dependent apoptosis of dendritic cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 276, C1139-C1147.	4.6	204
18	Cell Suicide in Health and Disease. <i>Scientific American</i> , 1996, 275, 80-87.	1.0	199

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19	Activation of the Phosphatidylinositol 3-Kinase/Akt Pathway Contributes to Survival of Primary Epithelial Cells Infected with the Periodontal Pathogen <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 2004, 72, 3743-3751.	2.2	190
20	Chlamydia and apoptosis: life and death decisions of an intracellular pathogen. <i>Nature Reviews Microbiology</i> , 2004, 2, 802-808.	28.6	178
21	Intercellular Spreading of <i>Porphyromonas gingivalis</i> Infection in Primary Gingival Epithelial Cells. <i>Infection and Immunity</i> , 2006, 74, 703-710.	2.2	161
22	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2011, 208, 1823-1834.	8.5	156
23	Inhibition of Chlamydial Infectious Activity due to P2X7R-Dependent Phospholipase D Activation. <i>Immunity</i> , 2003, 19, 403-412.	14.3	155
24	Gut barrier disruption and chronic disease. <i>Trends in Endocrinology and Metabolism</i> , 2022, 33, 247-265.	7.1	153
25	Effects of obesity on depression: A role for inflammation and the gut microbiota. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 1-8.	4.1	148
26	Tumour inflammasome-derived IL-1 β recruits neutrophils and improves local recurrence-free survival in EBV-induced nasopharyngeal carcinoma. <i>EMBO Molecular Medicine</i> , 2012, 4, 1276-1293.	6.9	141
27	ATP-dependent activation of an inflammasome in primary gingival epithelial cells infected by <i>Porphyromonas gingivalis</i> . <i>Cellular Microbiology</i> , 2010, 12, 188-198.	2.1	136
28	P2X4 Assembles with P2X7 and Pannexin-1 in Gingival Epithelial Cells and Modulates ATP-induced Reactive Oxygen Species Production and Inflammasome Activation. <i>PLoS ONE</i> , 2013, 8, e70210.	2.5	135
29	ATP scavenging by the intracellular pathogen <i>Porphyromonas gingivalis</i> inhibits P2X ₇ -mediated host-cell apoptosis. <i>Cellular Microbiology</i> , 2008, 10, 863-875.	2.1	134
30	Stimulation of the cytosolic receptor for peptidoglycan, Nod1, by infection with <i>Chlamydia trachomatis</i> or <i>Chlamydia muridarum</i> . <i>Cellular Microbiology</i> , 2006, 8, 1047-1057.	2.1	128
31	Alarmins, inflammasomes and immunity. <i>Biomedical Journal</i> , 2012, 35, 437.	3.1	125
32	Enhancement of Reactive Oxygen Species Production and Chlamydial Infection by the Mitochondrial Nod-like Family Member NLRX1. <i>Journal of Biological Chemistry</i> , 2010, 285, 41637-41645.	3.4	124
33	Salivary biomarkers for the diagnosis and monitoring of neurological diseases. <i>Biomedical Journal</i> , 2018, 41, 63-87.	3.1	122
34	A mouse model of human adaptive immune functions: HLA-A2.1-/HLA-DR1-transgenic H-2 class II-knockout mice. <i>European Journal of Immunology</i> , 2004, 34, 3060-3069.	2.9	120
35	<i>Fusobacterium nucleatum</i> infection of gingival epithelial cells leads to NLRP3 inflammasome-dependent secretion of IL-1 β and the danger signals ASC and HMGB1. <i>Cellular Microbiology</i> , 2016, 18, 970-981.	2.1	118
36	<i>Porphyromonas gingivalis</i> infection sequesters pro-apoptotic Bad through Akt in primary gingival epithelial cells. <i>Molecular Oral Microbiology</i> , 2010, 25, 89-101.	2.7	113

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37	Cytolysis mediated by ionophores and pore-forming agents: role of intracellular calcium in apoptosis. <i>FASEB Journal</i> , 1994, 8, 237-246.	0.5	109
38	Recruitment of BAD by the Chlamydia trachomatis Vacuole Correlates with Host-Cell Survival. <i>PLoS Pathogens</i> , 2006, 2, e45.	4.7	106
39	P2X and P2Y purinergic receptors on human intestinal epithelial carcinoma cells: effects of extracellular nucleotides on apoptosis and cell proliferation. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G1024-G1035.	3.4	105
40	NK cells kill mycobacteria directly by releasing perforin and granulysin. <i>Journal of Leukocyte Biology</i> , 2014, 96, 1119-1129.	3.3	105
41	Hormetic Effects of Phytochemicals on Health and Longevity. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 335-346.	7.1	105
42	Inflammasome-dependent Caspase-1 Activation in Cervical Epithelial Cells Stimulates Growth of the Intracellular Pathogen Chlamydia trachomatis. <i>Journal of Biological Chemistry</i> , 2009, 284, 26789-26796.	3.4	103
43	Caspase-1 Dependent IL-1 β Secretion Is Critical for Host Defense in a Mouse Model of Chlamydia pneumoniae Lung Infection. <i>PLoS ONE</i> , 2011, 6, e21477.	2.5	102
44	Hypervirulent Chlamydia trachomatis Clinical Strain Is a Recombinant between Lymphogranuloma Venereum (L ₂) and D Lineages. <i>MBio</i> , 2011, 2, e00045-11.	4.1	100
45	Impact of the gut microbiota, prebiotics, and probiotics on human health and disease. <i>Biomedical Journal</i> , 2014, 37, 259.	3.1	99
46	Modulation of P2Z/P2X ₇ receptor activity in macrophages infected with Chlamydia psittaci. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C81-C89.	4.6	97
47	Role of Bcl-2 Family Members in Caspase-Independent Apoptosis during Chlamydia Infection. <i>Infection and Immunity</i> , 2002, 70, 55-61.	2.2	94
48	Identification of Collagenase as a Critical Virulence Factor for Invasiveness and Transmission of Pathogenic Leptospira Species. <i>Journal of Infectious Diseases</i> , 2014, 209, 1105-1115.	4.0	89
49	Lessons learned from the 2019-nCoV epidemic on prevention of future infectious diseases. <i>Microbes and Infection</i> , 2020, 22, 86-91.	1.9	89
50	Sleep Deprivation and Neurological Disorders. <i>BioMed Research International</i> , 2020, 2020, 1-19.	1.9	88
51	Glutathione Levels and BAX Activation during Apoptosis Due to Oxidative Stress in Cells Expressing Wild-type and Mutant Cystic Fibrosis Transmembrane Conductance Regulator. <i>Journal of Biological Chemistry</i> , 2002, 277, 27912-27918.	3.4	87
52	Chlamydia trachomatis Induces Expression of IFN- β -Inducible Protein 10 and IFN- γ Independent of TLR2 and TLR4, but Largely Dependent on MyD88. <i>Journal of Immunology</i> , 2005, 175, 450-460.	0.8	87
53	Enhancement of ATP Levels and Glucose Metabolism during an Infection by Chlamydia. <i>Journal of Biological Chemistry</i> , 1998, 273, 7052-7058.	3.4	86
54	The mammalian cell entry (Mce) protein of pathogenic Leptospira species is responsible for RGD motif-dependent infection of cells and animals. <i>Molecular Microbiology</i> , 2012, 83, 1006-1023.	2.5	86

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55	<i>Porphyrromonas gingivalis</i> nucleoside-diphosphate-kinase inhibits ATP-induced reactive-oxygen-species via P2X ₇ receptor/NADPH-oxidase signalling and contributes to persistence. Cellular Microbiology, 2013, 15, 961-976.	2.1	86
56	Role of extracellular nucleotides in the immune response against intracellular bacteria and protozoan parasites. Microbes and Infection, 2012, 14, 1271-1277.	1.9	84
57	<i>Leptospira interrogans</i> Induces Apoptosis in Macrophages via Caspase-8- and Caspase-3-Dependent Pathways. Infection and Immunity, 2009, 77, 799-809.	2.2	80
58	Inactivation of the <i>fliY</i> gene encoding a flagellar motor switch protein attenuates mobility and virulence of <i>Leptospira interrogans</i> strain Lai. BMC Microbiology, 2009, 9, 253.	3.3	79
59	<i>Antrodia cinnamomea</i> reduces obesity and modulates the gut microbiota in high-fat diet-fed mice. International Journal of Obesity, 2018, 42, 231-243.	3.4	78
60	Chlamydial infection of monocytes stimulates IL-1 β secretion through activation of the NLRP3 inflammasome. Microbes and Infection, 2010, 12, 652-661.	1.9	77
61	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. Nature Microbiology, 2017, 2, 1435-1445.	13.3	77
62	Tolerance of the fetus by the maternal immune system: role of inflammatory mediators at the feto-maternal interface. Reproductive Biology and Endocrinology, 2003, 1, 121.	3.3	76
63	Leptospiral Hemolysins Induce Proinflammatory Cytokines through Toll-Like Receptor 2-and 4-Mediated JNK and NF- κ B Signaling Pathways. PLoS ONE, 2012, 7, e42266.	2.5	76
64	Could nasal nitric oxide help to mitigate the severity of COVID-19?. Microbes and Infection, 2020, 22, 168-171.	1.9	74
65	A Role for Mitogen-activated Protein KinaseErk1/2 Activation and Non-selective Pore Formation in P2X ₇ Receptor-mediated Thymocyte Death. Journal of Biological Chemistry, 2005, 280, 28142-28151.	3.4	73
66	Pretreatment with a Heat-Killed Probiotic Modulates the NLRP3 Inflammasome and Attenuates Colitis-Associated Colorectal Cancer in Mice. Nutrients, 2019, 11, 516.	4.1	73
67	At the Innate Frontiers between Mother and Fetus. Immunity, 2003, 18, 169-172.	14.3	71
68	Emerging use of senolytics and senomorphics against aging and chronic diseases. Medicinal Research Reviews, 2020, 40, 2114-2131.	10.5	71
69	Replication or death: distinct fates of pathogenic <i>Leptospira</i> strain Lai within macrophages of human or mouse origin. Innate Immunity, 2010, 16, 80-92.	2.4	70
70	Transcription factor complex AP-1 mediates inflammation initiated by <i>Chlamydia pneumoniae</i> infection. Cellular Microbiology, 2013, 15, 779-794.	2.1	70
71	Pyk2 activates the NLRP3 inflammasome by directly phosphorylating ASC and contributes to inflammasome-dependent peritonitis. Scientific Reports, 2016, 6, 36214.	3.3	70
72	Focus: Chlamydia. Nature Reviews Microbiology, 2004, 2, 530-530.	28.6	67

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73	Is there an association between oral health and severity of COVID-19 complications?. Biomedical Journal, 2020, 43, 325-327.	3.1	67
74	Caspase-dependent apoptosis during infection with <i>Cryptosporidium parvum</i> . Microbes and Infection, 1999, 1, 1163-1168.	1.9	64
75	Cytopathicity of <i>Chlamydia</i> is largely reproduced by expression of a single chlamydial protease. Journal of Cell Biology, 2008, 182, 117-127.	5.2	63
76	Effect of <i>Chlamydia trachomatis</i> Infection and Subsequent Tumor Necrosis Factor Alpha Secretion on Apoptosis in the Murine Genital Tract. Infection and Immunity, 2000, 68, 2237-2244.	2.2	62
77	NLRX1 modulates differentially NLRP3 inflammasome activation and NF- κ B signaling during <i>Fusobacterium nucleatum</i> infection. Microbes and Infection, 2018, 20, 615-625.	1.9	61
78	Multiple P2X and P2Y receptor subtypes in mouse J774, spleen and peritoneal macrophages. Biochemical Pharmacology, 2005, 69, 641-655.	4.4	60
79	Effect of the Purinergic Receptor P2X7 on <i>Chlamydia</i> Infection in Cervical Epithelial Cells and Vaginally Infected Mice. Journal of Immunology, 2007, 179, 3707-3714.	0.8	59
80	Purinergic receptor agonists modulate phagocytosis and clearance of apoptotic cells in macrophages. Immunobiology, 2011, 216, 1-11.	1.9	59
81	Isolation and characterization of Psalmopeotoxin I and II: two novel antimalarial peptides from the venom of the tarantula <i>Psalmopoeus cambridgei</i> . FEBS Letters, 2004, 572, 109-117.	2.8	58
82	Activation of an NLRP3 Inflammasome Restricts <i>Mycobacterium kansasii</i> Infection. PLoS ONE, 2012, 7, e36292.	2.5	57
83	Methyl-accepting chemotaxis proteins 3 and 4 are responsible for <i>Campylobacter jejuni</i> chemotaxis and jejuna colonization in mice in response to sodium deoxycholate. Journal of Medical Microbiology, 2014, 63, 343-354.	1.8	56
84	<i>Aggregatibacter actinomycetemcomitans</i> Cytotoxic Distending Toxin Activates the NLRP3 Inflammasome in Human Macrophages, Leading to the Release of Proinflammatory Cytokines. Infection and Immunity, 2015, 83, 1487-1496.	2.2	55
85	Correlation between Infections with Different Genotypes of Human Cytomegalovirus and Epstein-Barr Virus in Subgingival Samples and Periodontal Status of Patients. Journal of Clinical Microbiology, 2007, 45, 3665-3670.	3.9	54
86	Physicochemical and Biological Properties of Biomimetic Mineralo-Protein Nanoparticles Formed Spontaneously in Biological Fluids. Small, 2013, 9, 2297-2307.	10.0	54
87	Antiaging effects of bioactive molecules isolated from plants and fungi. Medicinal Research Reviews, 2019, 39, 1515-1552.	10.5	54
88	Phytochemicals as Prebiotics and Biological Stress Inducers. Trends in Biochemical Sciences, 2020, 45, 462-471.	7.5	54
89	A cytoplasmic RNA virus generates functional viral small RNAs and regulates viral IRES activity in mammalian cells. Nucleic Acids Research, 2014, 42, 12789-12805.	14.5	53
90	The P2X7 receptor and intracellular pathogens: a continuing struggle. Purinergic Signalling, 2009, 5, 197-204.	2.2	52

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91	Porphyromonas gingivalis attenuates ATP-mediated inflammasome activation and HMGB1 release through expression of a nucleoside-diphosphate kinase. <i>Microbes and Infection</i> , 2015, 17, 369-377.	1.9	51
92	Closing in on Chlamydia and its intracellular bag of tricks. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2723-2731.	1.8	51
93	Characterization of the ompL1 gene of pathogenic <i>Leptospira</i> species in China and cross-immunogenicity of the OmpL1 protein. <i>BMC Microbiology</i> , 2008, 8, 223.	3.3	50
94	p53 signalling controls cell cycle arrest and caspase-independent apoptosis in macrophages infected with pathogenic <i>Leptospira</i> species. <i>Cellular Microbiology</i> , 2013, 15, n/a-n/a.	2.1	50
95	NOX2-dependent ATM kinase activation dictates pro-inflammatory macrophage phenotype and improves effectiveness to radiation therapy. <i>Cell Death and Differentiation</i> , 2017, 24, 1632-1644.	11.2	50
96	Sulphate-reducing bacteria from ulcerative colitis patients induce apoptosis of gastrointestinal epithelial cells. <i>Microbial Pathogenesis</i> , 2017, 112, 126-134.	2.9	50
97	Immunomodulatory Properties of Plants and Mushrooms. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 967-981.	8.7	50
98	Identification of CD24 as a Cancer Stem Cell Marker in Human Nasopharyngeal Carcinoma. <i>PLoS ONE</i> , 2014, 9, e99412.	2.5	49
99	The Microtubule-associated Protein EB1 Links AIM2 Inflammasomes with Autophagy-dependent Secretion. <i>Journal of Biological Chemistry</i> , 2014, 289, 29322-29333.	3.4	47
100	The role of P2 receptors in controlling infections by intracellular pathogens. <i>Purinergic Signalling</i> , 2007, 3, 83-90.	2.2	45
101	<i>Chlamydia trachomatis</i> infection increases the expression of inflammatory tumorigenic cytokines and chemokines as well as components of the Toll-like receptor and NF- κ B pathways in human prostate epithelial cells. <i>Molecular and Cellular Probes</i> , 2014, 28, 147-154.	2.1	44
102	Mineral particles stimulate innate immunity through neutrophil extracellular traps containing HMGB1. <i>Scientific Reports</i> , 2017, 7, 16628.	3.3	44
103	Role of Proapoptotic BAX in Propagation of <i>Chlamydia muridarum</i> (the Mouse Pneumonitis Strain of) Tj ETQq1 1 0.784314 rgBT /Ove 278, 9496-9502.	3.4	43
104	<i>Resveratrol</i> produces anti-inflammatory effects by inhibiting canonical and non-canonical inflammasomes in macrophages. <i>Innate Immunity</i> , 2014, 20, 735-750.	2.4	43
105	<i>Porphyromonas gingivalis</i> ; Fimbriae Dampen P2X7-Dependent Interleukin-1 β Secretion. <i>Journal of Innate Immunity</i> , 2014, 6, 831-845.	3.8	43
106	Host-Cell Survival and Death During <i>Chlamydia</i> Infection. <i>Current Immunology Reviews</i> , 2007, 3, 31-40.	1.2	41
107	Expression of purinergic receptors and modulation of P2X7 function by the inflammatory cytokine IFN γ in human epithelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1176-1187.	2.6	41
108	The pathological effects of CCR2+ inflammatory monocytes are amplified by an IFNAR1-triggered chemokine feedback loop in highly pathogenic influenza infection. <i>Journal of Biomedical Science</i> , 2014, 21, 99.	7.0	41

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109	Critical Involvement of the ATM-Dependent DNA Damage Response in the Apoptotic Demise of HIV-1-Elicited Syncytia. <i>PLoS ONE</i> , 2008, 3, e2458.	2.5	41
110	Characterization of Host Cell Death Induced by <i>Chlamydia trachomatis</i> . <i>Infection and Immunity</i> , 2006, 74, 6057-6066.	2.2	40
111	Immunomodulatory properties of medicinal mushrooms: differential effects of water and ethanol extracts on NK cell-mediated cytotoxicity. <i>Innate Immunity</i> , 2016, 22, 522-533.	2.4	39
112	Mononuclear-macrophages but not neutrophils act as major infiltrating anti-leptospiral phagocytes during leptospirosis. <i>PLoS ONE</i> , 2017, 12, e0181014.	2.5	39
113	The medicinal fungus <i>Antrodia cinnamomea</i> suppresses inflammation by inhibiting the NLRP3 inflammasome. <i>Journal of Ethnopharmacology</i> , 2014, 155, 154-164.	4.1	38
114	Recent advances in the field of caloric restriction mimetics and anti-aging molecules. <i>Ageing Research Reviews</i> , 2021, 66, 101240.	10.9	38
115	The Danger Signal Adenosine Induces Persistence of Chlamydial Infection through Stimulation of A2b Receptors. <i>PLoS ONE</i> , 2009, 4, e8299.	2.5	37
116	<i>Hirsutella sinensis</i> mycelium attenuates bleomycin-induced pulmonary inflammation and fibrosis in vivo. <i>Scientific Reports</i> , 2015, 5, 15282.	3.3	37
117	Is the inflammasome relevant for epithelial cell function?. <i>Microbes and Infection</i> , 2016, 18, 93-101.	1.9	37
118	Activation of ERK1/2 by extracellular nucleotides in macrophages is mediated by multiple P2 receptors independently of P2X7-associated pore or channel formation. <i>British Journal of Pharmacology</i> , 2006, 147, 324-334.	5.4	36
119	Infection with <i>Leishmania amazonensis</i> upregulates purinergic receptor expression and induces host-cell susceptibility to UTP-mediated apoptosis. <i>Cellular Microbiology</i> , 2011, 13, 1410-1428.	2.1	36
120	Serum-derived nanoparticles: <i>de novo</i> generation and growth <i>in vitro</i> , and internalization by mammalian cells in culture. <i>Nanomedicine</i> , 2011, 6, 643-658.	3.3	36
121	<i>Hirsutella sinensis</i> mycelium suppresses interleukin-1 β and interleukin-18 secretion by inhibiting both canonical and non-canonical inflammasomes. <i>Scientific Reports</i> , 2013, 3, 1374.	3.3	36
122	Detection and characterization of mineralo-organic nanoparticles in human kidneys. <i>Scientific Reports</i> , 2015, 5, 15272.	3.3	34
123	Comparison of invasion of fibroblasts and macrophages by high- and low-virulence <i>Leptospira</i> strains: colonization of the host-cell nucleus and induction of necrosis by the virulent strain. <i>Archives of Microbiology</i> , 2007, 188, 591-598.	2.2	33
124	Protein typing of major outer membrane lipoproteins from Chinese pathogenic <i>Leptospira</i> spp. and characterization of their immunogenicity. <i>Vaccine</i> , 2009, 28, 243-255.	3.8	33
125	Valley fever: danger lurking in a dust cloud. <i>Microbes and Infection</i> , 2014, 16, 591-600.	1.9	33
126	<i>Ganoderma lucidum</i> stimulates NK cell cytotoxicity by inducing NKG2D/NCR activation and secretion of perforin and granzyme. <i>Innate Immunity</i> , 2014, 20, 301-311.	2.4	33

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127	NK Cellâ€™Derived IFN- γ Protects against Nontuberculous Mycobacterial Lung Infection. <i>Journal of Immunology</i> , 2018, 201, 1478-1490.	0.8	33
128	Anticancer chemotherapy and radiotherapy trigger both non-cell-autonomous and cell-autonomous death. <i>Cell Death and Disease</i> , 2018, 9, 716.	6.3	33
129	Structural and Functional Features of the P2X4 Receptor: An Immunological Perspective. <i>Frontiers in Immunology</i> , 2021, 12, 645834.	4.8	32
130	Cell death, BAX activation, and HMGB1 release during infection with. <i>Microbes and Infection</i> , 2004, 6, 1145-1155.	1.9	31
131	An iron detection system determines bacterial swarming initiation and biofilm formation. <i>Scientific Reports</i> , 2016, 6, 36747.	3.3	31
132	Immunotherapies for Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2021, 12, 654739.	2.4	31
133	Membrane Vesicles Nucleate Mineralo-organic Nanoparticles and Induce Carbonate Apatite Precipitation in Human Body Fluids. <i>Journal of Biological Chemistry</i> , 2013, 288, 30571-30584.	3.4	29
134	Oral infection of mice with <i>Fusobacterium nucleatum</i> results in macrophage recruitment to the dental pulp and bone resorption. <i>Biomedical Journal</i> , 2018, 41, 184-193.	3.1	29
135	Cell death and inflammation during infection with the obligate intracellular pathogen, <i>Chlamydia</i> . <i>Biochimie</i> , 2003, 85, 763-769.	2.6	28
136	A path forward for the chlamydial virulence factor CPAF. <i>Microbes and Infection</i> , 2013, 15, 1026-1032.	1.9	28
137	Bid-Induced Release of AIF/EndoG from Mitochondria Causes Apoptosis of Macrophages during Infection with <i>Leptospira interrogans</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 471.	3.9	28
138	HIV-1 Envelope Overcomes NLRP3-Mediated Inhibition of F-Actin Polymerization for Viral Entry. <i>Cell Reports</i> , 2019, 28, 3381-3394.e7.	6.4	28
139	NADPH oxidase 4 modulates hepatic responses to lipopolysaccharide mediated by Toll-like receptor-4. <i>Scientific Reports</i> , 2017, 7, 14346.	3.3	27
140	Effects of electronic cigarette aerosol exposure on oral and systemic health. <i>Biomedical Journal</i> , 2021, 44, 252-259.	3.1	27
141	Novel and Predominant Pathogen Responsible for the Enterovirus-Associated Encephalitis in Eastern China. <i>PLoS ONE</i> , 2013, 8, e85023.	2.5	26
142	Src-family kinase-Cbl axis negatively regulates NLRP3 inflammasome activation. <i>Cell Death and Disease</i> , 2018, 9, 1109.	6.3	26
143	Activation of Multiple Apoptotic Pathways in Human Nasopharyngeal Carcinoma Cells by the Prenylated Isoflavone, Osajin. <i>PLoS ONE</i> , 2011, 6, e18308.	2.5	25
144	MicroRNAs Modulate Pathogenesis Resulting from Chlamydial Infection in Mice. <i>Infection and Immunity</i> , 2017, 85, .	2.2	25

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145	Mitochondrial Oxidative Phosphorylation Complex Regulates NLRP3 Inflammasome Activation and Predicts Patient Survival in Nasopharyngeal Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 142-154.	3.8	25
146	Ivermectin Inhibits Growth of <i>Chlamydia trachomatis</i> in Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e48456.	2.5	25
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