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 g-index
244 all docs	244 docs citations	244 times ranked	22025 citing authors

#	Article	IF	Citations
1	Gut barrier disruption and chronic disease. Trends in Endocrinology and Metabolism, 2022, 33, 247-265.	7.1	153
2	The ins and outs of T cell signaling. Biomedical Journal, 2022, , .	3.1	1
3	Effects of Frankincense Compounds on Infection, Inflammation, and Oral Health. Molecules, 2022, 27, 4174.	3.8	9
4	Effects of electronic cigarette aerosol exposure on oral and systemic health. Biomedical Journal, 2021, 44, 252-259.	3.1	27
5	Comparison of the effect of cigarette smoke on mesenchymal stem cells and dental stem cells. American Journal of Physiology - Cell Physiology, 2021, 320, C175-C181.	4.6	6
6	Structural and Functional Features of the P2X4 Receptor: An Immunological Perspective. Frontiers in Immunology, 2021, 12, 645834.	4.8	32
7	Recent advances in the field of caloric restriction mimetics and anti-aging molecules. Ageing Research Reviews, 2021, 66, 101240.	10.9	38
8	Making it easier to be a patient in times of a pandemic. Journal of Dental Education, 2021, , .	1.2	1
9	Neither B cell nor T cell â€“ The unique group of innate lymphoid cells. Biomedical Journal, 2021, 44, 112-114.	3.1	3
10	Ganoderma lucidum stimulates autophagy-dependent longevity pathways in Caenorhabditis elegans and human cells. Aging, 2021, 13, 13474-13495.	3.1	10
11	Immunotherapies for Neurodegenerative Diseases. Frontiers in Neurology, 2021, 12, 654739.	2.4	31
12	Cigarette Smoke Stimulates SARS-CoV-2 Internalization by Activating AhR and Increasing ACE2 Expression in Human Gingival Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 7669.	4.1	12
13	Scaling the tips of the ALPS. Biomedical Journal, 2021, 44, 383-387.	3.1	6
14	Differential involvement of the canonical and noncanonical inflammasomes in the immune response against infection by the periodontal bacteria Porphyromonas gingivalis and Fusobacterium nucleatum. Current Research in Microbial Sciences, 2021, 2, 100023.	2.3	10
15	CD73â€dependent adenosine dampens interleukinâ€1Î²â€“induced CXCL8 production in gingival fibroblasts: Association with heme oxygenaseâ€1 and adenosine monophosphateâ€'activated protein kinase. Journal of Periodontology, 2020, 91, 253-262.	3.4	10
16	Mitochondrial Oxidative Phosphorylation Complex Regulates NLRP3 Inflammasome Activation and Predicts Patient Survival in Nasopharyngeal Carcinoma. Molecular and Cellular Proteomics, 2020, 19, 142-154.	3.8	25
17	EFLA 945 restricts AIM2 inflammasome activation by preventing DNA entry for psoriasis treatment. Cytokine, 2020, 127, 154951.	3.2	14
18	Cbl Negatively Regulates NLRP3 Inflammasome Activation through GLUT1-Dependent Glycolysis Inhibition. International Journal of Molecular Sciences, 2020, 21, 5104.	4.1	14

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19	Physical attributes of salivary calcium particles and their interaction with gingival epithelium. Biomedical Journal, 2020, 44, 686-693.	3.1	2
20	Sleep Deprivation and Neurological Disorders. BioMed Research International, 2020, 2020, 1-19.	1.9	88
21	Cover Image, Volume 40, Issue 6. Medicinal Research Reviews, 2020, 40, i.	10.5	0
22	Impact of COVIDâ€19 on dental education in the United States. Journal of Dental Education, 2020, 84, 718-722.	1.2	338
23	Could nasal nitric oxide help to mitigate the severity of COVID-19?. Microbes and Infection, 2020, 22, 168-171.	1.9	74
24	Is there an association between oral health and severity of COVID-19 complications?. Biomedical Journal, 2020, 43, 325-327.	3.1	67
25	Emerging use of senolytics and senomorphics against aging and chronic diseases. Medicinal Research Reviews, 2020, 40, 2114-2131.	10.5	71
26	SUGT1 controls susceptibility to HIV-1 infection by stabilizing microtubule plus-ends. Cell Death and Differentiation, 2020, 27, 3243-3257.	11.2	10
27	Phytochemicals as Prebiotics and Biological Stress Inducers. Trends in Biochemical Sciences, 2020, 45, 462-471.	7.5	54
28	Immune response against Chlamydia trachomatis via toll-like receptors is negatively regulated by SIGIRR. PLoS ONE, 2020, 15, e0230718.	2.5	7
29	Lessons learned from the 2019-nCoV epidemic on prevention of future infectious diseases. Microbes and Infection, 2020, 22, 86-91.	1.9	89
30	Cytolethal distending toxinâ€induced release of interleukinâ€1Î² by human macrophages is dependent upon activation of glycogen synthase kinase 3Î², spleen tyrosine kinase (Syk) and the noncanonical inflammasome. Cellular Microbiology, 2020, 22, e13194.	2.1	13
31	Measures for diagnosing and treating infections by a novel coronavirus responsible for a pneumonia outbreak originating in Wuhan, China. Microbes and Infection, 2020, 22, 74-79.	1.9	288
32	M16-Type Metallopeptidases Are Involved in Virulence for Invasiveness and Diffusion of Leptospira interrogans and Transmission of Leptospirosis. Journal of Infectious Diseases, 2020, 222, 1008-1020.	4.0	3
33	Plant and fungal products that extend lifespan in Caenorhabditis elegans. Microbial Cell, 2020, 7, 255-269.	3.2	17
34	The Role of Medicine and Technology in Shaping the Future of Oral Health. Journal of the California Dental Association, 2020, 48, 127-130.	0.1	2
35	Title is missing!. , 2020, 15, e0230718.		0
36	Title is missing!. , 2020, 15, e0230718.		0

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37	Title is missing!. , 2020, 15, e0230718.		0
38	Title is missing!. , 2020, 15, e0230718.		0
39	Gut commensal Parabacteroides goldsteinii plays a predominant role in the anti-obesity effects of polysaccharides isolated from Hirsutella sinensis. Gut, 2019, 68, 248-262.	12.1	524
40	130th anniversary of Institut Pasteur: celebrating science. Microbes and Infection, 2019, 21, 190-191.	1.9	0
41	Development of humoral immunity. Biomedical Journal, 2019, 42, 207-208.	3.1	8
42	HIV-1 Envelope Overcomes NLRP3-Mediated Inhibition of F-Actin Polymerization for Viral Entry. Cell Reports, 2019, 28, 3381-3394.e7.	6.4	28
43	130th anniversary of Institut Pasteur: celebrating science. Genes and Immunity, 2019, 20, 342-343.	4.1	0
44	Investigation of foreign materials in gingival lesions: a clinicopathologic, energy-dispersive microanalysis of the lesions and in vitro confirmation of pro-inflammatory effects of the foreign materials. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2019, 128, 250-267.	0.4	3
45	Dicer regulates activation of the NLRP3 inflammasome. PLoS ONE, 2019, 14, e0215689.	2.5	8
46	Hormetic Effects of Phytochemicals on Health and Longevity. Trends in Endocrinology and Metabolism, 2019, 30, 335-346.	7.1	105
47	Chlamydia pneumoniae is present in the dental plaque of periodontitis patients and stimulates an inflammatory response in gingival epithelial cells. Microbial Cell, 2019, 6, 197-208.	3.2	15
48	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
49	Association between periodontal pathogens and systemic disease. Biomedical Journal, 2019, 42, 27-35.	3.1	395
50	Antrodia cinnamomea induces anti-tumor activity by inhibiting the STAT3 signaling pathway in lung cancer cells. Scientific Reports, 2019, 9, 5145.	3.3	18
51	Antiaging effects of bioactive molecules isolated from plants and fungi. Medicinal Research Reviews, 2019, 39, 1515-1552.	10.5	54
52	P2X7 receptor-mediated leukocyte recruitment and Porphyromonas gingivalis clearance requires IL-1Î² production and autocrine IL-1 receptor activation. Immunobiology, 2019, 224, 50-59.	1.9	16
53	Antrodia cinnamomea produces anti-angiogenic effects by inhibiting the VEGFR2 signaling pathway. Journal of Ethnopharmacology, 2018, 220, 239-249.	4.1	17
54	Leptospira interrogans infection leads to IL-1Î² and IL-18 secretion from a human macrophage cell line through reactive oxygen species and cathepsin B mediated-NLRP3 inflammasome activation. Microbes and Infection, 2018, 20, 254-260.	1.9	16

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55	Antrodia cinnamomea reduces obesity and modulates the gut microbiota in high-fat diet-fed mice. International Journal of Obesity, 2018, 42, 231-243.	3.4	78
56	NLRX1 modulates differentially NLRP3 inflammasome activation and NF-Î¹B signaling during Fusobacterium nucleatum infection. Microbes and Infection, 2018, 20, 615-625.	1.9	61
57	Effects of obesity on depression: A role for inflammation and the gut microbiota. Brain, Behavior, and Immunity, 2018, 69, 1-8.	4.1	148
58	Elevated regulatory T cells at diagnosis of Coccidioides infection associates with chronicity in pediatric patients. Journal of Allergy and Clinical Immunology, 2018, 142, 1971-1974.e7.	2.9	11
59	Src-family kinase-Cbl axis negatively regulates NLRP3 inflammasome activation. Cell Death and Disease, 2018, 9, 1109.	6.3	26
60	vWA proteins of Leptospira interrogans induce hemorrhage in leptospirosis by competitive inhibition of vWF/GPIb-mediated platelet aggregation. EBioMedicine, 2018, 37, 428-441.	6.1	18
61	Salivary biomarkers for the diagnosis andÂmonitoring of neurological diseases. Biomedical Journal, 2018, 41, 63-87.	3.1	122
62	Microbes and Infection turns 20. Microbes and Infection, 2018, 20, 451-454.	1.9	1
63	NK Cellâ€“Derived IFN-Î³ Protects against Nontuberculous Mycobacterial Lung Infection. Journal of Immunology, 2018, 201, 1478-1490.	0.8	33
64	Oral infection of mice with Fusobacterium nucleatum results in macrophage recruitment to the dental pulp and bone resorption. Biomedical Journal, 2018, 41, 184-193.	3.1	29
65	Anticancer chemotherapy and radiotherapy trigger both non-cell-autonomous and cell-autonomous death. Cell Death and Disease, 2018, 9, 716.	6.3	33
66	Pinicolol B from Antrodia cinnamomea induces apoptosis of nasopharyngeal carcinoma cells. Journal of Ethnopharmacology, 2017, 201, 117-122.	4.1	6
67	NOX2-dependent ATM kinase activation dictates pro-inflammatory macrophage phenotype and improves effectiveness to radiation therapy. Cell Death and Differentiation, 2017, 24, 1632-1644.	11.2	50
68	Combating flu in China. Microbes and Infection, 2017, 19, 567-569.	1.9	0
69	Sulphate-reducing bacteria from ulcerative colitis patients induce apoptosis of gastrointestinal epithelial cells. Microbial Pathogenesis, 2017, 112, 126-134.	2.9	50
70	NADPH oxidase 4 modulates hepatic responses to lipopolysaccharide mediated by Toll-like receptor-4. Scientific Reports, 2017, 7, 14346.	3.3	27
71	Myths and Realities Surrounding the Mysterious Caterpillar Fungus. Trends in Biotechnology, 2017, 35, 1017-1021.	9.3	19
72	Immunomodulatory Properties of Plants and Mushrooms. Trends in Pharmacological Sciences, 2017, 38, 967-981.	8.7	50

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73	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
74	Mineral particles stimulate innate immunity through neutrophil extracellular traps containing HMGB1. Scientific Reports, 2017, 7, 16628.	3.3	44
75	MicroRNAs Modulate Pathogenesis Resulting from Chlamydial Infection in Mice. Infection and Immunity, 2017, 85, .	2.2	25
76	Anti-obesogenic and antidiabetic effects of plants and mushrooms. Nature Reviews Endocrinology, 2017, 13, 149-160.	9.6	213
77	Bid-Induced Release of AIF/EndoG from Mitochondria Causes Apoptosis of Macrophages during Infection with Leptospira interrogans. Frontiers in Cellular and Infection Microbiology, 2017, 7, 471.	3.9	28
78	Mononuclear-macrophages but not neutrophils act as major infiltrating anti-leptospiral phagocytes during leptospirosis. PLoS ONE, 2017, 12, e0181014.	2.5	39
79	Isolation, Culture and Characterization of Hirsutella sinensis Mycelium from Caterpillar Fungus Fruiting Body. PLoS ONE, 2017, 12, e0168734.	2.5	14
80	Creation of an immunodeficient HLA-transgenic mouse (HUMAMICE) and functional validation of human immunity after transfer of HLA-matched human cells. PLoS ONE, 2017, 12, e0173754.	2.5	25
81	Fusobacterium nucleatuminfection of gingival epithelial cells leads to NLRP3 inflammasome-dependent secretion of IL-1Î² and the danger signals ASC and HMGB1. Cellular Microbiology, 2016, 18, 970-981.	2.1	118
82	Nucleoside-Diphosphate-Kinase of P. gingivalis is Secreted from Epithelial Cells In the Absence of a Leader Sequence Through a Pannexin-1 Interactome. Scientific Reports, 2016, 6, 37643.	3.3	23
83	Danger signals, inflammasomes, and the intricate intracellular lives of chlamydiae. Biomedical Journal, 2016, 39, 306-315.	3.1	11
84	An iron detection system determines bacterial swarming initiation and biofilm formation. Scientific Reports, 2016, 6, 36747.	3.3	31
85	Purinergic signaling during Porphyromonas gingivalis infection. Biomedical Journal, 2016, 39, 251-260.	3.1	23
86	Immunomodulatory properties of medicinal mushrooms: differential effects of water and ethanol extracts on NK cell-mediated cytotoxicity. Innate Immunity, 2016, 22, 522-533.	2.4	39
87	Alternative functions for the multifarious inflammasome. Biomedical Journal, 2016, 39, 183-187.	3.1	6
88	Pyk2 activates the NLRP3 inflammasome by directly phosphorylating ASC and contributes to inflammasome-dependent peritonitis. Scientific Reports, 2016, 6, 36214.	3.3	70
89	Is the inflammasome relevant for epithelial cell function?. Microbes and Infection, 2016, 18, 93-101.	1.9	37
90	Hepatitis C Virus Frameshift/Alternate Reading Frame Protein Suppresses Interferon Responses Mediated by Pattern Recognition Receptor Retinoic-Acid-Inducible Gene-I. PLoS ONE, 2016, 11, e0158419.	2.5	14

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91	Detection and characterization of mineralo-organic nanoparticles in human kidneys. Scientific Reports, 2015, 5, 15272.	3.3	34
92	Hirsutella sinensis mycelium attenuates bleomycin-induced pulmonary inflammation and fibrosis in vivo. Scientific Reports, 2015, 5, 15282.	3.3	37
93	Nanoparticle conversion to biofilms: in vitro demonstration using serum-derived mineralo-organic nanoparticles. Nanomedicine, 2015, 10, 3519-3535.	3.3	15
94	Aggregatibacter actinomycetemcomitans Cytolethal 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
95	MERS â€“ A cautionary tale. Microbes and Infection, 2015, 17, 542-544.	1.9	2
96	Ganoderma lucidum reduces obesity in mice by modulating the composition of the gut microbiota. Nature Communications, 2015, 6, 7489.	12.8	926
97	Porphyromonas gingivalis attenuates ATP-mediated inflammasome activation and HMGB1 release through expression of a nucleoside-diphosphate kinase. Microbes and Infection, 2015, 17, 369-377.	1.9	51
98	A new frontier: oral microbes without borders. Microbes and Infection, 2015, 17, 469-470.	1.9	1
99	Intracellular bacterial pathogens: a reemerging field of research rich with breakthroughs and opportunities. Microbes and Infection, 2015, 17, 721-722.	1.9	0
100	Activation of the NLRP3 inflammasome by vault nanoparticles expressing a chlamydial epitope. Vaccine, 2015, 33, 298-306.	3.8	21
101	Eosinophils from Murine Lamina Propria Induce Differentiation of NaÃ¯ve T Cells into Regulatory T Cells via TGF-Î²1 and Retinoic Acid. PLoS ONE, 2015, 10, e0142881.	2.5	24
102	Stimulation and repression of cancer development by caveolae and nitric oxide. Biomedical Journal, 2015, 38, 365.	3.1	0
103	Introduction to miniseries on DNA and cancer. Biomedical Journal, 2015, 38, 101.	3.1	0
104	TRAIL-R1 Is a Negative Regulator of Pro-Inflammatory Responses and Modulates Long-Term Sequelae Resulting from Chlamydia trachomatis Infections in Humans. PLoS ONE, 2014, 9, e93939.	2.5	15
105	Identification of CD24 as a Cancer Stem Cell Marker in Human Nasopharyngeal Carcinoma. PLoS ONE, 2014, 9, e99412.	2.5	49
106	cis-Resveratrol produces anti-inflammatory effects by inhibiting canonical and non-canonical inflammasomes in macrophages. Innate Immunity, 2014, 20, 735-750.	2.4	43
107	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
108	The pathological effects of CCR2+ inflammatory monocytes are amplified by an IFNAR1-triggered chemokine feedback loop in highly pathogenic influenza infection. Journal of Biomedical Science, 2014, 21, 99.	7.0	41

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109	<i>Porphyromonas gingivalis</i> Fimbriae Dampen P2X7-Dependent Interleukin-1Î² Secretion. Journal of Innate Immunity, 2014, 6, 831-845.	3.8	43
110	Chlamydia trachomatis infection increases the expression of inflammatory tumorigenic cytokines and chemokines as well as components of the Toll-like receptor and NF-ÎºB pathways in human prostate epithelial cells. Molecular and Cellular Probes, 2014, 28, 147-154.	2.1	44
111	Identification of Collagenase as a Critical Virulence Factor for Invasiveness and Transmission of Pathogenic Leptospira Species. Journal of Infectious Diseases, 2014, 209, 1105-1115.	4.0	89
112	The Microtubule-associated Protein EB1 Links AIM2 Inflammasomes with Autophagy-dependent Secretion. Journal of Biological Chemistry, 2014, 289, 29322-29333.	3.4	47
113	Valley fever: danger lurking in a dust cloud. Microbes and Infection, 2014, 16, 591-600.	1.9	33
114	Is the hoopla over CPAF justified?. Pathogens and Disease, 2014, 72, 1-2.	2.0	5
115	Ganoderma lucidum stimulates NK cell cytotoxicity by inducing NKG2D/NCR activation and secretion of perforin and granulysin. Innate Immunity, 2014, 20, 301-311.	2.4	33
116	Methyl-accepting chemotaxis proteins 3 and 4 are responsible for Campylobacter jejuni chemotaxis and jejuna colonization in mice in response to sodium deoxycholate. Journal of Medical Microbiology, 2014, 63, 343-354.	1.8	56
117	NK cells kill mycobacteria directly by releasing perforin and granulysin. Journal of Leukocyte Biology, 2014, 96, 1119-1129.	3.3	105
118	Another year of microbial pathogens and the host immune response. Microbes and Infection, 2014, 16, 1.	1.9	0
119	The medicinal fungus Antrodia cinnamomea suppresses inflammation by inhibiting the NLRP3 inflammasome. Journal of Ethnopharmacology, 2014, 155, 154-164.	4.1	38
120	Characterization of Severe Fever with Thrombocytopenia Syndrome in Rural Regions of Zhejiang, China. PLoS ONE, 2014, 9, e111127.	2.5	22
121	Impact of the gut microbiota, prebiotics, and probiotics on human health and disease. Biomedical Journal, 2014, 37, 259.	3.1	99
122	Mushrooms - From cuisine to clinic. Biomedical Journal, 2014, 37, 343.	3.1	3
123	A path forward for the chlamydial virulence factor CPAF. Microbes and Infection, 2013, 15, 1026-1032.	1.9	28
124	Membrane Vesicles Nucleate Mineralo-organic Nanoparticles and Induce Carbonate Apatite Precipitation in Human Body Fluids. Journal of Biological Chemistry, 2013, 288, 30571-30584.	3.4	29
125	Biomineralization: Physicochemical and Biological Properties of Biomimetic Mineraloâ€Protein Nanoparticles Formed Spontaneously in Biological Fluids (Small 13/2013). Small, 2013, 9, 2372-2372.	10.0	0
126	Transcription factor complex AP-1 mediates inflammation initiated byChlamydia pneumoniaeinfection. Cellular Microbiology, 2013, 15, 779-794.	2.1	70

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127	CD1d-restricted NKT cells modulate placental and uterine leukocyte populations during chlamydial infection in mice. Microbes and Infection, 2013, 15, 928-938.	1.9	7
128	p53 signalling controls cell cycle arrest and caspase-independent apoptosis in macrophages infected with pathogenicLeptospiraspecies. Cellular Microbiology, 2013, 15, n/a-n/a.	2.1	50
129	Characterizing the intracellular distribution of metabolites in intact Chlamydia-infected cells by Raman and two-photon microscopy. Microbes and Infection, 2013, 15, 461-469.	1.9	8
130	Physicochemical and Biological Properties of Biomimetic Mineraloâ€Protein Nanoparticles Formed Spontaneously in Biological Fluids. Small, 2013, 9, 2297-2307.	10.0	54
131	Porphyromonas gingivalis-nucleoside-diphosphate-kinase inhibits ATP-induced reactive-oxygen-species via P2X₇receptor/NADPH-oxidase signalling and contributes to persistence. Cellular Microbiology, 2013, 15, 961-976.	2.1	86
132	Hirsutella sinensis mycelium suppresses interleukin-1Î² and interleukin-18 secretion by inhibiting both canonical and non-canonical inflammasomes. Scientific Reports, 2013, 3, 1374.	3.3	36
133	P2X4 Assembles with P2X7 and Pannexin-1 in Gingival Epithelial Cells and Modulates ATP-induced Reactive Oxygen Species Production and Inflammasome Activation. PLoS ONE, 2013, 8, e70210.	2.5	135
134	Novel and Predominant Pathogen Responsible for the Enterovirus-Associated Encephalitis in Eastern China. PLoS ONE, 2013, 8, e85023.	2.5	26
135	Identification of Leptospira interrogans Phospholipase C as a Novel Virulence Factor Responsible for Intracellular Free Calcium Ion Elevation during Macrophage Death. PLoS ONE, 2013, 8, e75652.	2.5	25
136	Interactome-wide Analysis Identifies End-binding Protein 1 as a Crucial Component for the Speck-like Particle Formation of Activated Absence in Melanoma 2 (AIM2) Inflammasomes. Molecular and Cellular Proteomics, 2012, 11, 1230-1244.	3.8	24
137	InvA protein is a Nudix hydrolase required for infection by pathogenic Leptospira in cell lines and animals.. Journal of Biological Chemistry, 2012, 287, 9327.	3.4	0
138	Activation of NK cell cytotoxicity by the natural compound 2,3-butanediol. Journal of Leukocyte Biology, 2012, 92, 807-814.	3.3	17
139	Reversible Inhibition of Chlamydia trachomatis Infection in Epithelial Cells Due to Stimulation of P2X4Receptors. Infection and Immunity, 2012, 80, 4232-4238.	2.2	21
140	Tumour inflammasomeâ€derived ILâ€1Î² recruits neutrophils and improves local recurrenceâ€free survival in EBVâ€induced nasopharyngeal carcinoma. EMBO Molecular Medicine, 2012, 4, 1276-1293.	6.9	141
141	Oxidized Mitochondrial DNA Activates the NLRP3 Inflammasome during Apoptosis. Immunity, 2012, 36, 401-414.	14.3	1,618
142	Role of extracellular nucleotides in the immune response against intracellular bacteria and protozoan parasites. Microbes and Infection, 2012, 14, 1271-1277.	1.9	84
143	Rapid and sensitive identification of RNA from the emerging pathogen, coxsackievirus A6. Virology Journal, 2012, 9, 298.	3.4	12
144	Development of a Humanized HLA-A2.1/DP4 Transgenic Mouse Model and the Use of This Model to Map HLA-DP4-Restricted Epitopes of HBV Envelope Protein. PLoS ONE, 2012, 7, e32247.	2.5	21

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145	Activation of an NLRP3 Inflammasome Restricts Mycobacterium kansasii Infection. PLoS ONE, 2012, 7, e36292.	2.5	57
146	The Anti-Tumorigenic Mushroom Agaricus blazei Murill Enhances IL-1Î² Production and Activates the NLRP3 Inflammasome in Human Macrophages. PLoS ONE, 2012, 7, e41383.	2.5	14
147	Leptospiral Hemolysins Induce Proinflammatory Cytokines through Toll-Like Receptor 2-and 4-Mediated JNK and NF-ÎºB Signaling Pathways. PLoS ONE, 2012, 7, e42266.	2.5	76
148	The mammalian cell entry (Mce) protein of pathogenic Leptospira species is responsible for RGD motifâ€dependent infection of cells and animals. Molecular Microbiology, 2012, 83, 1006-1023.	2.5	86
149	Ivermectin Inhibits Growth of Chlamydia trachomatis in Epithelial Cells. PLoS ONE, 2012, 7, e48456.	2.5	25
150	Alarmins, inflammasomes and immunity. Biomedical Journal, 2012, 35, 437.	3.1	125
151	Purinergic receptor agonists modulate phagocytosis and clearance of apoptotic cells in macrophages. Immunobiology, 2011, 216, 1-11.	1.9	59
152	Activation of Multiple Apoptotic Pathways in Human Nasopharyngeal Carcinoma Cells by the Prenylated Isoflavone, Osajin. PLoS ONE, 2011, 6, e18308.	2.5	25
153	Infection with Leishmania amazonensis upregulates purinergic receptor expression and induces host-cell susceptibility to UTP-mediated apoptosis. Cellular Microbiology, 2011, 13, 1410-1428.	2.1	36
154	Hypervirulent Chlamydia trachomatis Clinical Strain Is a Recombinant between Lymphogranuloma Venereum (L ₂) and D Lineages. MBio, 2011, 2, e00045-11.	4.1	100
155	Serum-derived nanoparticles: de novo generation and growth in vitro, and internalization by mammalian cells in culture. Nanomedicine, 2011, 6, 643-658.	3.3	36
156	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. Journal of Experimental Medicine, 2011, 208, 1823-1834.	8.5	156
157	InvA Protein Is a Nudix Hydrolase Required for Infection by Pathogenic Leptospira in Cell Lines and Animals*. Journal of Biological Chemistry, 2011, 286, 36852-36863.	3.4	10
158	Altered Pathogenicity for Seasonal Influenza Virus by Single Reassortment of the RNP Genes Derived From the 2009 Pandemic Influenza Virus. Journal of Infectious Diseases, 2011, 204, 864-872.	4.0	8
159	Caspase-1 Dependent IL-1Î² Secretion Is Critical for Host Defense in a Mouse Model of Chlamydia pneumoniae Lung Infection. PLoS ONE, 2011, 6, e21477.	2.5	102
160	Microbes and Infection: Past, present and future. Microbes and Infection, 2010, 12, 1-2.	1.9	1
161	Chlamydial infection of monocytes stimulates IL-1Î² secretion through activation of the NLRP3 inflammasome. Microbes and Infection, 2010, 12, 652-661.	1.9	77
162	ATP-dependent activation of an inflammasome in primary gingival epithelial cells infected byPorphyromonas gingivalis. Cellular Microbiology, 2010, 12, 188-198.	2.1	136

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163	Enhancement of Reactive Oxygen Species Production and Chlamydial Infection by the Mitochondrial Nod-like Family Member NLRX1. Journal of Biological Chemistry, 2010, 285, 41637-41645.	3.4	124
164	Aspergillus fumigatus Stimulates the NLRP3 Inflammasome through a Pathway Requiring ROS Production and the Syk Tyrosine Kinase. PLoS ONE, 2010, 5, e10008.	2.5	254
165	Replication or death: distinct fates of pathogenic Leptospira strain Lai within macrophages of human or mouse origin. Innate Immunity, 2010, 16, 80-92.	2.4	70
166	Porphyromonas gingivalisinfection sequesters pro-apoptotic Bad through Akt in primary gingival epithelial cells. Molecular Oral Microbiology, 2010, 25, 89-101.	2.7	113
167	The Danger Signal Adenosine Induces Persistence of Chlamydial Infection through Stimulation of A2b Receptors. PLoS ONE, 2009, 4, e8299.	2.5	37
168	Inflammasome-dependent Caspase-1 Activation in Cervical Epithelial Cells Stimulates Growth of the Intracellular Pathogen Chlamydia trachomatis. Journal of Biological Chemistry, 2009, 284, 26789-26796.	3.4	103
169	An iterative strategy combining biophysical criteria and duration hidden Markov models for structural predictions of Chlamydia trachomatis Ïƒ66 promoters. BMC Bioinformatics, 2009, 10, 271.	2.6	14
170	Inactivation of the fliY gene encoding a flagellar motor switch protein attenuates mobility and virulence of Leptospira interrogansstrain Lai. BMC Microbiology, 2009, 9, 253.	3.3	79
171	Chikungunya fever â€“ Re-emergence of an old disease. Microbes and Infection, 2009, 11, 1163-1164.	1.9	19
172	Leptospira interrogansInduces Apoptosis in Macrophages via Caspase-8- and Caspase-3-Dependent Pathways. Infection and Immunity, 2009, 77, 799-809.	2.2	80
173	Expression of purinergic receptors and modulation of P2X7 function by the inflammatory cytokine IFNÎ³ in human epithelial cells. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1176-1187.	2.6	41
174	Protein typing of major outer membrane lipoproteins from Chinese pathogenic Leptospira spp. and characterization of their immunogenicity. Vaccine, 2009, 28, 243-255.	3.8	33
175	The Oral Microbiota: Living with a Permanent Guest. DNA and Cell Biology, 2009, 28, 405-411.	1.9	340
176	The P2X7 receptor and intracellular pathogens: a continuing struggle. Purinergic Signalling, 2009, 5, 197-204.	2.2	52
177	The book reopened on infectious diseases. Microbes and Infection, 2008, 10, 942-947.	1.9	18
178	ATP scavenging by the intracellular pathogen Porphyromonas gingivalis inhibits P2X₇-mediated host-cell apoptosis. Cellular Microbiology, 2008, 10, 863-875.	2.1	134
179	Characterization of the ompL1 gene of pathogenic Leptospira species in China and cross-immunogenicity of the OmpL1 protein. BMC Microbiology, 2008, 8, 223.	3.3	50
180	Recombinant SpaO and H1a as immunogens for protection of mice from lethal infection with Salmonella paratyphi A: Implications for rational design of typhoid fever vaccines. Vaccine, 2008, 26, 6639-6644.	3.8	9

#	Article	IF	Citations
181	Premature Apoptosis ofChlamydiaâ€Infected Cells Disrupts Chlamydial Development. Journal of Infectious Diseases, 2008, 198, 1536-1544.	4.0	24
182	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, 2008, 46, 836-836.	3.9	0
183	Susceptibility of Chlamydia trachomatis to the Excipient Hydroxyethyl Cellulose: pH and Concentration Dependence of Antimicrobial Activity. Antimicrobial Agents and Chemotherapy, 2008, 52, 2660-2662.	3.2	4
184	Cytopathicity of Chlamydia is largely reproduced by expression of a single chlamydial protease. Journal of Cell Biology, 2008, 182, 117-127.	5.2	63
185	Critical Involvement of the ATM-Dependent DNA Damage Response in the Apoptotic Demise of HIV-1-Elicited Syncytia. PLoS ONE, 2008, 3, e2458.	2.5	41
186	Effect of the Purinergic Receptor P2X7onChlamydiaInfection in Cervical Epithelial Cells and Vaginally Infected Mice. Journal of Immunology, 2007, 179, 3707-3714.	0.8	59
187	Host-Cell Survival and Death During Chlamydia Infection. Current Immunology Reviews, 2007, 3, 31-40.	1.2	41
188	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
189	ATP Activates a Reactive Oxygen Species-dependent Oxidative Stress Response and Secretion of Proinflammatory Cytokines in Macrophages. Journal of Biological Chemistry, 2007, 282, 2871-2879.	3.4	661
190	The Th1 immune response against HIVâ€1 Gag p24â€derived peptides in mice expressing HLAâ€A02.01 and HLAâ€DR1. European Journal of Immunology, 2007, 37, 2635-2644.	2.9	6
191	In the news. Nature Reviews Microbiology, 2007, 5, 334-335.	28.6	0
192	In the news. Nature Reviews Microbiology, 2007, 5, 574-575.	28.6	0
193	Comparison of invasion of fibroblasts and macrophages by high- and low-virulence Leptospira strains: colonization of the host-cell nucleus and induction of necrosis by the virulent strain. Archives of Microbiology, 2007, 188, 591-598.	2.2	33
194	The role of P2 receptors in controlling infections by intracellular pathogens. Purinergic Signalling, 2007, 3, 83-90.	2.2	45
195	Activation of ERK1/2 by extracellular nucleotides in macrophages is mediated by multiple P2 receptors independently of P2X7 -associated pore or channel formation. British Journal of Pharmacology, 2006, 147, 324-334.	5.4	36
196	Stimulation of the cytosolic receptor for peptidoglycan, Nod1, by infection with Chlamydia trachomatis or Chlamydia muridarum. Cellular Microbiology, 2006, 8, 1047-1057.	2.1	128
197	Identification of novel HLA-DR1-restricted epitopes from the hepatitis B virus envelope protein in mice expressing HLA-DR1 and vaccinated human subjects. Microbes and Infection, 2006, 8, 2783-2790.	1.9	22
198	Recruitment of BAD by the Chlamydia trachomatis Vacuole Correlates with Host-Cell Survival. PLoS Pathogens, 2006, 2, e45.	4.7	106

#	Article	IF	Citations
199	Characterization of Host Cell Death Induced by Chlamydia trachomatis. Infection and Immunity, 2006, 74, 6057-6066.	2.2	40
200	Intercellular Spreading of Porphyromonas gingivalis Infection in Primary Gingival Epithelial Cells. Infection and Immunity, 2006, 74, 703-710.	2.2	161
201	Can Chlamydia Be Stopped?. Scientific American, 2005, 292, 72-79.	1.0	11
202	Multiple P2X and P2Y receptor subtypes in mouse J774, spleen and peritoneal macrophages. Biochemical Pharmacology, 2005, 69, 641-655.	4.4	60
203	P2X and P2Y purinergic receptors on human intestinal epithelial carcinoma cells: effects of extracellular nucleotides on apoptosis and cell proliferation. American Journal of Physiology - Renal Physiology, 2005, 288, G1024-G1035.	3.4	105
204	Chlamydia trachomatisInduces Expression of IFN-Î³-Inducible Protein 10 and IFN-Î² Independent of TLR2 and TLR4, but Largely Dependent on MyD88. Journal of Immunology, 2005, 175, 450-460.	0.8	87
205	A Role for Mitogen-activated Protein KinaseErk1/2 Activation and Non-selective Pore Formation in P2X7 Receptor-mediated Thymocyte Death. Journal of Biological Chemistry, 2005, 280, 28142-28151.	3.4	73
206	Activation of the Phosphatidylinositol 3-Kinase/Akt Pathway Contributes to Survival of Primary Epithelial Cells Infected with the Periodontal Pathogen Porphyromonas gingivalis. Infection and Immunity, 2004, 72, 3743-3751.	2.2	190
207	Comparison of HLA-DR1-restricted T cell response induced in HLA-DR1 transgenic mice deficient for murine MHC class II and HLA-DR1 transgenic mice expressing endogenous murine MHC class II molecules. International Immunology, 2004, 16, 1275-1282.	4.0	16
208	Characterization of a Gene Encoding Two Isoforms of a Mitochondrial Protein Up-regulated by Cyclosporin A in Activated T Cells. Journal of Biological Chemistry, 2004, 279, 10556-10563.	3.4	9
209	Chlamydia and apoptosis: life and death decisions of an intracellular pathogen. Nature Reviews Microbiology, 2004, 2, 802-808.	28.6	178
210	Focus: Chlamydia. Nature Reviews Microbiology, 2004, 2, 530-530.	28.6	67
211	A mouse model of human adaptive immune functions:HLA-A2.1-/HLA-DR1-transgenicH-2 classâ€„I-/classâ€„II-knockout mice. European Journal of Immunology, 2004, 34, 3060-3069.	2.9	120
212	Protection against Chlamydia trachomatis infection in vitro and modulation of inflammatory response in vivo by membrane-bound glycosaminoglycans. Microbes and Infection, 2004, 6, 369-376.	1.9	4
213	Isolation and characterization of Psalmopeotoxin I and II: two novel antimalarial peptides from the venom of the tarantulaPsalmopoeus cambridgei. FEBS Letters, 2004, 572, 109-117.	2.8	58
214	Cell death, BAX activation, and HMGB1 release during infection with. Microbes and Infection, 2004, 6, 1145-1155.	1.9	31
215	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
216	Cell death and inflammation during infection with the obligate intracellular pathogen, Chlamydia. Biochimie, 2003, 85, 763-769.	2.6	28

#	Article	IF	Citations
217	At the Innate Frontiers between Mother and Fetus. Immunity, 2003, 18, 169-172.	14.3	71
218	Inhibition of Chlamydial Infectious Activity due to P2X7R-Dependent Phospholipase D Activation. Immunity, 2003, 19, 403-412.	14.3	155
219	Role of Proapoptotic BAX in Propagation of Chlamydia muridarum (the Mouse Pneumonitis Strain of) Tj ETQq1 1 0.784314 rgBT /Ove 278, 9496-9502.	3.4	43
220	Toll-Like Receptor-2, but Not Toll-Like Receptor-4, Is Essential for Development of Oviduct Pathology in Chlamydial Genital Tract Infection. Journal of Immunology, 2003, 171, 6187-6197.	0.8	272
221	Lysosomal Membrane Permeabilization Induces Cell Death in a Mitochondrion-dependent Fashion. Journal of Experimental Medicine, 2003, 197, 1323-1334.	8.5	421
222	Role of Bcl-2 Family Members in Caspase-Independent Apoptosis during Chlamydia Infection. Infection and Immunity, 2002, 70, 55-61.	2.2	94
223	Glutathione Levels and BAX Activation during Apoptosis Due to Oxidative Stress in Cells Expressing Wild-type and Mutant Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Biological Chemistry, 2002, 277, 27912-27918.	3.4	87
224	MHC and MHCâ€related proteins as pleiotropic signal molecules. FASEB Journal, 2002, 16, 202-206.	0.5	14
225	Modulation of apoptosis during infection with Chlamydia. Methods in Enzymology, 2002, 358, 334-344.	1.0	19
226	Modulation of P2Z/P2X₇receptor activity in macrophages infected withChlamydia psittaci. American Journal of Physiology - Cell Physiology, 2001, 280, C81-C89.	4.6	97
227	Effect of Chlamydia trachomatis 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
228	Closing in on Chlamydia and its intracellular bag of tricks. Microbiology (United Kingdom), 2000, 146, 2723-2731.	1.8	51
229	P_{2Z}/P2X₇receptor-dependent apoptosis of dendritic cells. American Journal of Physiology - Cell Physiology, 1999, 276, C1139-C1147.	4.6	204
230	Caspase-dependent apoptosis during infection with Cryptosporidium parvum. Microbes and Infection, 1999, 1, 1163-1168.	1.9	64
231	Functional gene transfer from intracellular bacteria to mammalian cells. Nature Biotechnology, 1998, 16, 862-866.	17.5	210
232	Enhancement of ATP Levels and Glucose Metabolism during an Infection by Chlamydia. Journal of Biological Chemistry, 1998, 273, 7052-7058.	3.4	86
233	Cell Suicide in Health and Disease. Scientific American, 1996, 275, 80-87.	1.0	199
234	Cytolysis mediated by ionophores and poreâ€forming agents: role of intracellular calcium in apoptosis. FASEB Journal, 1994, 8, 237-246.	0.5	109

#	Article	IF	Citations
235	A soluble, single-chain Kd molecule produced by yeast selects a peptide repertoire indistinguishable from that of cell-surface-associated Kd. European Journal of Immunology, 1993, 23, 1776-1783.	2.9	22
236	Ionophore-induced apoptosis: Role of DNA fragmentation and calcium fluxes. Experimental Cell Research, 1991, 197, 43-49.	2.6	241
237	Cytolytic pore-forming proteins and peptides: is there a common structural motif?. Trends in Biochemical Sciences, 1991, 16, 225-229.	7.5	228
238	Cell Death Mechanisms and the Immune System. Immunological Reviews, 1991, 121, 29-65.	6.0	443