

David M Ojcius

List of Publications by Year in Descending Order

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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.

217
papers

13,286
citations

60
h-index

108
g-index

244
ext. papers

15,619
ext. citations

7.1
avg, IF

6.56
L-index

#	Paper	IF	Citations
217	Gut barrier disruption and chronic disease.. <i>Trends in Endocrinology and Metabolism</i> , 2022 ,	8.8	12
216	Physical attributes of salivary calcium particles and their interaction with gingival epithelium.. <i>Biomedical Journal</i> , 2021 , 44, 686-693	7.1	0
215	Effects of electronic cigarette aerosol exposure on oral and systemic health. <i>Biomedical Journal</i> , 2021 , 44, 252-259	7.1	10
214	Recent advances in the field of caloric restriction mimetics and anti-aging molecules. <i>Ageing Research Reviews</i> , 2021 , 66, 101240	12	12
213	Making it easier to be a patient in times of a pandemic. <i>Journal of Dental Education</i> , 2021 ,	1.6	1
212	stimulates autophagy-dependent longevity pathways in and human cells. <i>Aging</i> , 2021 , 13, 13474-13495	5.6	1
211	Immunotherapies for Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2021 , 12, 654739	4.1	3
210	Comparison of the effect of cigarette smoke on mesenchymal stem cells and dental stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , 320, C175-C181	5.4	1
209	Structural and Functional Features of the P2X4 Receptor: An Immunological Perspective. <i>Frontiers in Immunology</i> , 2021 , 12, 645834	8.4	10
208	Differential involvement of the canonical and noncanonical inflammasomes in the immune response against infection by the periodontal bacteria and. <i>Current Research in Microbial Sciences</i> , 2021 , 2, 100023	3.3	1
207	Sleep Deprivation and Neurological Disorders. <i>BioMed Research International</i> , 2020 , 2020, 5764017	3	26
206	Impact of COVID-19 on dental education in the United States. <i>Journal of Dental Education</i> , 2020 , 84, 718-722	17.2	166
205	Is there an association between oral health and severity of COVID-19 complications?. <i>Biomedical Journal</i> , 2020 , 43, 325-327	7.1	30
204	Emerging use of senolytics and senomorphics against aging and chronic diseases. <i>Medicinal Research Reviews</i> , 2020 , 40, 2114-2131	14.4	20
203	SUGT1 controls susceptibility to HIV-1 infection by stabilizing microtubule plus-ends. <i>Cell Death and Differentiation</i> , 2020 , 27, 3243-3257	12.7	3
202	Phytochemicals as Prebiotics and Biological Stress Inducers. <i>Trends in Biochemical Sciences</i> , 2020 , 45, 462-471	10.3	27
201	Immune response against Chlamydia trachomatis via toll-like receptors is negatively regulated by SIGIRR. <i>PLoS ONE</i> , 2020 , 15, e0230718	3.7	5

200	Lessons learned from the 2019-nCoV epidemic on prevention of future infectious diseases. <i>Microbes and Infection</i> , 2020 , 22, 86-91	9.3	55
199	Cytolethal distending toxin-induced release of interleukin-1 β by human macrophages is dependent upon activation of glycogen synthase kinase 3 β /spleen tyrosine kinase (Syk) and the noncanonical inflammasome. <i>Cellular Microbiology</i> , 2020 , 22, e13194	3.9	9
198	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	9.3	220
197	M16-Type Metallopeptidases Are Involved in Virulence for Invasiveness and Diffusion of <i>Leptospira interrogans</i> and Transmission of Leptospirosis. <i>Journal of Infectious Diseases</i> , 2020 , 222, 1008-1020	7	0
196	Plant and fungal products that extend lifespan in. <i>Microbial Cell</i> , 2020 , 7, 255-269	3.9	7
195	The Role of Medicine and Technology in Shaping the Future of Oral Health. <i>Journal of the California Dental Association</i> , 2020 , 48, 127-130	4.3	2
194	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	7.6	15
193	EFLA 945 restricts AIM2 inflammasome activation by preventing DNA entry for psoriasis treatment. <i>Cytokine</i> , 2020 , 127, 154951	4	8
192	Cbl Negatively Regulates NLRP3 Inflammasome Activation through GLUT1-Dependent Glycolysis Inhibition. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
191	CD73-dependent adenosine dampens interleukin-1 β -induced CXCL8 production in gingival fibroblasts: Association with heme oxygenase-1 and adenosine monophosphate-activated protein kinase. <i>Journal of Periodontology</i> , 2020 , 91, 253-262	4.6	2
190	Immune response against <i>Chlamydia trachomatis</i> via toll-like receptors is negatively regulated by SIGIRR 2020 , 15, e0230718		
189	Immune response against <i>Chlamydia trachomatis</i> via toll-like receptors is negatively regulated by SIGIRR 2020 , 15, e0230718		
188	Immune response against <i>Chlamydia trachomatis</i> via toll-like receptors is negatively regulated by SIGIRR 2020 , 15, e0230718		
187	Immune response against <i>Chlamydia trachomatis</i> via toll-like receptors is negatively regulated by SIGIRR 2020 , 15, e0230718		
186	HIV-1 Envelope Overcomes NLRP3-Mediated Inhibition of F-Actin Polymerization for Viral Entry. <i>Cell Reports</i> , 2019 , 28, 3381-3394.e7	10.6	10
185	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. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019 , 128, 250-267	2	0
184	Dicer regulates activation of the NLRP3 inflammasome. <i>PLoS ONE</i> , 2019 , 14, e0215689	3.7	8
183	Hormetic Effects of Phytochemicals on Health and Longevity. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 335-346	8.8	69

182	is present in the dental plaque of periodontitis patients and stimulates an inflammatory response in gingival epithelial cells. <i>Microbial Cell</i> , 2019 , 6, 197-208	3.9	6
181	Pretreatment with a Heat-Killed Probiotic Modulates the NLRP3 Inflammasome and Attenuates Colitis-Associated Colorectal Cancer in Mice. <i>Nutrients</i> , 2019 , 11,	6.7	36
180	Association between periodontal pathogens and systemic disease. <i>Biomedical Journal</i> , 2019 , 42, 27-35	7.1	191
179	<i>Antrodia cinnamomea</i> induces anti-tumor activity by inhibiting the STAT3 signaling pathway in lung cancer cells. <i>Scientific Reports</i> , 2019 , 9, 5145	4.9	14
178	Gut commensal plays a predominant role in the anti-obesity effects of polysaccharides isolated from. <i>Gut</i> , 2019 , 68, 248-262	19.2	272
177	Endocytic recycling and vesicular transport systems mediate transcytosis of across cell monolayer. <i>ELife</i> , 2019 , 8,	8.9	5
176	Antiaging effects of bioactive molecules isolated from plants and fungi. <i>Medicinal Research Reviews</i> , 2019 , 39, 1515-1552	14.4	40
175	P2X7 receptor-mediated leukocyte recruitment and <i>Porphyromonas gingivalis</i> clearance requires IL-1 β production and autocrine IL-1 receptor activation. <i>Immunobiology</i> , 2019 , 224, 50-59	3.4	7
174	<i>Antrodia cinnamomea</i> produces anti-angiogenic effects by inhibiting the VEGFR2 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2018 , 220, 239-249	5	14
173	<i>Leptospira interrogans</i> infection leads to IL-1 β and IL-18 secretion from a human macrophage cell line through reactive oxygen species and cathepsin B mediated-NLRP3 inflammasome activation. <i>Microbes and Infection</i> , 2018 , 20, 254-260	9.3	5
172	<i>Antrodia cinnamomea</i> reduces obesity and modulates the gut microbiota in high-fat diet-fed mice. <i>International Journal of Obesity</i> , 2018 , 42, 231-243	5.5	53
171	NLRX1 modulates differentially NLRP3 inflammasome activation and NF- κ B signaling during <i>Fusobacterium nucleatum</i> infection. <i>Microbes and Infection</i> , 2018 , 20, 615-625	9.3	32
170	Effects of obesity on depression: A role for inflammation and the gut microbiota. <i>Brain, Behavior, and Immunity</i> , 2018 , 69, 1-8	16.6	89
169	NK Cell-Derived IFN- γ Protects against Nontuberculous Mycobacterial Lung Infection. <i>Journal of Immunology</i> , 2018 , 201, 1478-1490	5.3	18
168	A novel Fas-binding outer membrane protein and lipopolysaccharide of <i>Leptospira interrogans</i> induce macrophage apoptosis through the Fas/FasL-caspase-8/-3 pathway. <i>Emerging Microbes and Infections</i> , 2018 , 7, 135	18.9	17
167	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	7.1	11
166	Anticancer chemotherapy and radiotherapy trigger both non-cell-autonomous and cell-autonomous death. <i>Cell Death and Disease</i> , 2018 , 9, 716	9.8	21
165	Elevated regulatory T cells at diagnosis of <i>Coccidioides</i> infection associates with chronicity in pediatric patients. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1971-1974.e7	11.5	7

164	Src-family kinase-Cbl axis negatively regulates NLRP3 inflammasome activation. <i>Cell Death and Disease</i> , 2018 , 9, 1109	9.8	18
163	vWA proteins of <i>Leptospira interrogans</i> induce hemorrhage in leptospirosis by competitive inhibition of vWF/GPIb-mediated platelet aggregation. <i>EBioMedicine</i> , 2018 , 37, 428-441	8.8	14
162	Salivary biomarkers for the diagnosis and monitoring of neurological diseases. <i>Biomedical Journal</i> , 2018 , 41, 63-87	7.1	78
161	Pinicolol B from <i>Antrodia cinnamomea</i> induces apoptosis of nasopharyngeal carcinoma cells. <i>Journal of Ethnopharmacology</i> , 2017 , 201, 117-122	5	5
160	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	12.7	26
159	Sulphate-reducing bacteria from ulcerative colitis patients induce apoptosis of gastrointestinal epithelial cells. <i>Microbial Pathogenesis</i> , 2017 , 112, 126-134	3.8	33
158	NADPH oxidase 4 modulates hepatic responses to lipopolysaccharide mediated by Toll-like receptor-4. <i>Scientific Reports</i> , 2017 , 7, 14346	4.9	18
157	Myths and Realities Surrounding the Mysterious Caterpillar Fungus. <i>Trends in Biotechnology</i> , 2017 , 35, 1017-1021	15.1	15
156	Mononuclear-macrophages but not neutrophils act as major infiltrating anti-leptospiral phagocytes during leptospirosis. <i>PLoS ONE</i> , 2017 , 12, e0181014	3.7	26
155	Immunomodulatory Properties of Plants and Mushrooms. <i>Trends in Pharmacological Sciences</i> , 2017 , 38, 967-981	13.2	36
154	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. <i>Nature Microbiology</i> , 2017 , 2, 1435-1445	26.6	54
153	A leptospiral AAA+ chaperone-Ntn peptidase complex, HslUV, contributes to the intracellular survival of <i>Leptospira interrogans</i> in hosts and the transmission of leptospirosis. <i>Emerging Microbes and Infections</i> , 2017 , 6, e105	18.9	11
152	Mineral particles stimulate innate immunity through neutrophil extracellular traps containing HMGB1. <i>Scientific Reports</i> , 2017 , 7, 16628	4.9	34
151	MicroRNAs Modulate Pathogenesis Resulting from Chlamydial Infection in Mice. <i>Infection and Immunity</i> , 2017 , 85,	3.7	18
150	Anti-obesogenic and antidiabetic effects of plants and mushrooms. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 149-160	15.2	152
149	Bid-Induced Release of AIF/EndoG from Mitochondria Causes Apoptosis of Macrophages during Infection with. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 471	5.9	17
148	Isolation, Culture and Characterization of <i>Hirsutella sinensis</i> Mycelium from Caterpillar Fungus Fruiting Body. <i>PLoS ONE</i> , 2017 , 12, e0168734	3.7	11
147	Creation of an immunodeficient HLA-transgenic mouse (HUMAMICE) and functional validation of human immunity after transfer of HLA-matched human cells. <i>PLoS ONE</i> , 2017 , 12, e0173754	3.7	19

146	Alternative functions for the multifarious inflammasome. <i>Biomedical Journal</i> , 2016 , 39, 183-7	7.1	4
145	Pyk2 activates the NLRP3 inflammasome by directly phosphorylating ASC and contributes to inflammasome-dependent peritonitis. <i>Scientific Reports</i> , 2016 , 6, 36214	4.9	45
144	Is the inflammasome relevant for epithelial cell function?. <i>Microbes and Infection</i> , 2016 , 18, 93-101	9.3	29
143	Hepatitis C Virus Frameshift/Alternate Reading Frame Protein Suppresses Interferon Responses Mediated by Pattern Recognition Receptor Retinoic-Acid-Inducible Gene-I. <i>PLoS ONE</i> , 2016 , 11, e0158419	3.7	10
142	<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, 970-81	3.9	64
141	Nucleoside-Diphosphate-Kinase of <i>P. gingivalis</i> is Secreted from Epithelial Cells In the Absence of a Leader Sequence Through a Pannexin-1 Interactome. <i>Scientific Reports</i> , 2016 , 6, 37643	4.9	17
140	Danger signals, inflammasomes, and the intricate intracellular lives of chlamydiae. <i>Biomedical Journal</i> , 2016 , 39, 306-315	7.1	8
139	An iron detection system determines bacterial swarming initiation and biofilm formation. <i>Scientific Reports</i> , 2016 , 6, 36747	4.9	18
138	Purinergic signaling during <i>Porphyromonas gingivalis</i> infection. <i>Biomedical Journal</i> , 2016 , 39, 251-260	7.1	17
137	Immunomodulatory properties of medicinal mushrooms: differential effects of water and ethanol extracts on NK cell-mediated cytotoxicity. <i>Innate Immunity</i> , 2016 , 22, 522-33	2.7	27
136	<i>Ganoderma lucidum</i> reduces obesity in mice by modulating the composition of the gut microbiota. <i>Nature Communications</i> , 2015 , 6, 7489	17.4	620
135	<i>Porphyromonas gingivalis</i> attenuates ATP-mediated inflammasome activation and HMGB1 release through expression of a nucleoside-diphosphate kinase. <i>Microbes and Infection</i> , 2015 , 17, 369-77	9.3	44
134	Activation of the NLRP3 inflammasome by vault nanoparticles expressing a chlamydial epitope. <i>Vaccine</i> , 2015 , 33, 298-306	4.1	18
133	Detection and characterization of mineralo-organic nanoparticles in human kidneys. <i>Scientific Reports</i> , 2015 , 5, 15272	4.9	27
132	<i>Hirsutella sinensis</i> mycelium attenuates bleomycin-induced pulmonary inflammation and fibrosis in vivo. <i>Scientific Reports</i> , 2015 , 5, 15282	4.9	32
131	Nanoparticle conversion to biofilms: in vitro demonstration using serum-derived mineralo-organic nanoparticles. <i>Nanomedicine</i> , 2015 , 10, 3519-35	5.6	14
130	<i>Aggregatibacter actinomycetemcomitans</i> cytolethal distending toxin activates the NLRP3 inflammasome in human macrophages, leading to the release of proinflammatory cytokines. <i>Infection and Immunity</i> , 2015 , 83, 1487-96	3.7	42
129	Eosinophils from Murine Lamina Propria Induce Differentiation of Na α e T Cells into Regulatory T Cells via TGF- β and Retinoic Acid. <i>PLoS ONE</i> , 2015 , 10, e0142881	3.7	17

128	Chlamydia trachomatis 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, 147-54	3.3	35
127	Identification of collagenase as a critical virulence factor for invasiveness and transmission of pathogenic <i>Leptospira</i> species. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1105-15	7	58
126	The microtubule-associated protein EB1 links AIM2 inflammasomes with autophagy-dependent secretion. <i>Journal of Biological Chemistry</i> , 2014 , 289, 29322-33	5.4	42
125	Valley fever: danger lurking in a dust cloud. <i>Microbes and Infection</i> , 2014 , 16, 591-600	9.3	23
124	Is the hoopla over CPAF justified?. <i>Pathogens and Disease</i> , 2014 , 72, 1-2	4.2	5
123	Ganoderma lucidum stimulates NK cell cytotoxicity by inducing NKG2D/NCR activation and secretion of perforin and granulysin. <i>Innate Immunity</i> , 2014 , 20, 301-11	2.7	23
122	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. <i>Journal of Medical Microbiology</i> , 2014 , 63, 343-354	3.2	35
121	NK cells kill mycobacteria directly by releasing perforin and granulysin. <i>Journal of Leukocyte Biology</i> , 2014 , 96, 1119-29	6.5	64
120	The medicinal fungus <i>Antrodia cinnamomea</i> suppresses inflammation by inhibiting the NLRP3 inflammasome. <i>Journal of Ethnopharmacology</i> , 2014 , 155, 154-64	5	30
119	TRAIL-R1 is a negative regulator of pro-inflammatory responses and modulates long-term sequelae resulting from <i>Chlamydia trachomatis</i> infections in humans. <i>PLoS ONE</i> , 2014 , 9, e93939	3.7	11
118	Identification of CD24 as a cancer stem cell marker in human nasopharyngeal carcinoma. <i>PLoS ONE</i> , 2014 , 9, e99412	3.7	43
117	cis-Resveratrol produces anti-inflammatory effects by inhibiting canonical and non-canonical inflammasomes in macrophages. <i>Innate Immunity</i> , 2014 , 20, 735-50	2.7	36
116	A cytoplasmic RNA virus generates functional viral small RNAs and regulates viral IRES activity in mammalian cells. <i>Nucleic Acids Research</i> , 2014 , 42, 12789-805	20.1	39
115	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	13.3	27
114	<i>Porphyromonas gingivalis</i> fimbriae dampen P2X7-dependent interleukin-1 β secretion. <i>Journal of Innate Immunity</i> , 2014 , 6, 831-45	6.9	30
113	Characterization of severe fever with thrombocytopenia syndrome in rural regions of Zhejiang, China. <i>PLoS ONE</i> , 2014 , 9, e111127	3.7	17
112	Impact of the gut microbiota, prebiotics, and probiotics on human health and disease. <i>Biomedical Journal</i> , 2014 , 37, 259-68	7.1	81
111	A path forward for the chlamydial virulence factor CPAF. <i>Microbes and Infection</i> , 2013 , 15, 1026-32	9.3	18

110	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	5.4	26
109	Transcription factor complex AP-1 mediates inflammation initiated by Chlamydia pneumoniae infection. <i>Cellular Microbiology</i> , 2013 , 15, 779-94	3.9	53
108	CD1d-restricted NKT cells modulate placental and uterine leukocyte populations during chlamydial infection in mice. <i>Microbes and Infection</i> , 2013 , 15, 928-38	9.3	5
107	p53 signalling controls cell cycle arrest and caspase-independent apoptosis in macrophages infected with pathogenic Leptospira species. <i>Cellular Microbiology</i> , 2013 , 15, 1642-59	3.9	35
106	Characterizing the intracellular distribution of metabolites in intact Chlamydia-infected cells by Raman and two-photon microscopy. <i>Microbes and Infection</i> , 2013 , 15, 461-9	9.3	6
105	Physicochemical and biological properties of biomimetic mineralo-protein nanoparticles formed spontaneously in biological fluids. <i>Small</i> , 2013 , 9, 2297-307	11	41
104	Porphyromonas gingivalis-nucleoside-diphosphate-kinase inhibits ATP-induced reactive-oxygen-species via P2X7 receptor/NADPH-oxidase signalling and contributes to persistence. <i>Cellular Microbiology</i> , 2013 , 15, 961-76	3.9	71
103	Hirsutella sinensis mycelium suppresses interleukin-1 β and interleukin-18 secretion by inhibiting both canonical and non-canonical inflammasomes. <i>Scientific Reports</i> , 2013 , 3, 1374	4.9	33
102	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	3.7	115
101	Novel and predominant pathogen responsible for the enterovirus-associated encephalitis in eastern China. <i>PLoS ONE</i> , 2013 , 8, e85023	3.7	22
100	Identification of Leptospira interrogans phospholipase C as a novel virulence factor responsible for intracellular free calcium ion elevation during macrophage death. <i>PLoS ONE</i> , 2013 , 8, e75652	3.7	20
99	Reversible inhibition of Chlamydia trachomatis infection in epithelial cells due to stimulation of P2X(4) receptors. <i>Infection and Immunity</i> , 2012 , 80, 4232-8	3.7	18
98	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, 1276-93	12	107
97	Oxidized mitochondrial DNA activates the NLRP3 inflammasome during apoptosis. <i>Immunity</i> , 2012 , 36, 401-14	32.3	1223
96	Role of extracellular nucleotides in the immune response against intracellular bacteria and protozoan parasites. <i>Microbes and Infection</i> , 2012 , 14, 1271-7	9.3	73
95	Rapid and sensitive identification of RNA from the emerging pathogen, coxsackievirus A6. <i>Virology Journal</i> , 2012 , 9, 298	6.1	10
94	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. <i>PLoS ONE</i> , 2012 , 7, e32247	3.7	17
93	Activation of an NLRP3 inflammasome restricts Mycobacterium kansasii infection. <i>PLoS ONE</i> , 2012 , 7, e36292	3.7	49

92	The anti-tumorigenic mushroom <i>Agaricus blazei</i> Murill enhances IL-1 β production and activates the NLRP3 inflammasome in human macrophages. <i>PLoS ONE</i> , 2012 , 7, e41383	3.7	13
91	Leptospiral hemolysins induce proinflammatory cytokines through Toll-like receptor 2-and 4-mediated JNK and NF- κ B signaling pathways. <i>PLoS ONE</i> , 2012 , 7, e42266	3.7	60
90	The mammalian cell entry (Mce) protein of pathogenic <i>Leptospira</i> species is responsible for RGD motif-dependent infection of cells and animals. <i>Molecular Microbiology</i> , 2012 , 83, 1006-23	4.1	58
89	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. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 1230-44	7.6	23
88	Activation of NK cell cytotoxicity by the natural compound 2,3-butanediol. <i>Journal of Leukocyte Biology</i> , 2012 , 92, 807-14	6.5	14
87	Ivermectin inhibits growth of <i>Chlamydia trachomatis</i> in epithelial cells. <i>PLoS ONE</i> , 2012 , 7, e48456	3.7	17
86	Alarmins, inflammasomes and immunity. <i>Biomedical Journal</i> , 2012 , 35, 437-49	7.1	107
85	Purinergic receptor agonists modulate phagocytosis and clearance of apoptotic cells in macrophages. <i>Immunobiology</i> , 2011 , 216, 1-11	3.4	43
84	Activation of multiple apoptotic pathways in human nasopharyngeal carcinoma cells by the prenylated isoflavone, osajin. <i>PLoS ONE</i> , 2011 , 6, e18308	3.7	18
83	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, 1410-28	3.9	31
82	Hypervirulent <i>Chlamydia trachomatis</i> clinical strain is a recombinant between lymphogranuloma venereum (L(2)) and D lineages. <i>MBio</i> , 2011 , 2, e00045-11	7.8	82
81	Serum-derived nanoparticles: de novo generation and growth in vitro, and internalization by mammalian cells in culture. <i>Nanomedicine</i> , 2011 , 6, 643-58	5.6	32
80	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1823-34	16.6	123
79	InVA protein is a Nudix hydrolase required for infection by pathogenic <i>Leptospira</i> in cell lines and animals. <i>Journal of Biological Chemistry</i> , 2011 , 286, 36852-63	5.4	9
78	Altered pathogenicity for seasonal influenza virus by single reassortment of the RNP genes derived from the 2009 pandemic influenza virus. <i>Journal of Infectious Diseases</i> , 2011 , 204, 864-72	7	6
77	Caspase-1 dependent IL-1 β secretion is critical for host defense in a mouse model of <i>Chlamydia pneumoniae</i> lung infection. <i>PLoS ONE</i> , 2011 , 6, e21477	3.7	89
76	ATP-dependent activation of an inflammasome in primary gingival epithelial cells infected by <i>Porphyromonas gingivalis</i> . <i>Cellular Microbiology</i> , 2010 , 12, 188-98	3.9	114
75	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, 41637-45	5.4	108

74	Aspergillus fumigatus stimulates the NLRP3 inflammasome through a pathway requiring ROS production and the Syk tyrosine kinase. <i>PLoS ONE</i> , 2010 , 5, e10008	3.7	221
73	Replication or death: distinct fates of pathogenic Leptospira strain Lai within macrophages of human or mouse origin. <i>Innate Immunity</i> , 2010 , 16, 80-92	2.7	53
72	Porphyromonas gingivalis infection sequesters pro-apoptotic Bad through Akt in primary gingival epithelial cells. <i>Molecular Oral Microbiology</i> , 2010 , 25, 89-101	4.6	84
71	Chlamydial infection of monocytes stimulates IL-1beta secretion through activation of the NLRP3 inflammasome. <i>Microbes and Infection</i> , 2010 , 12, 652-661	9.3	67
70	The danger signal adenosine induces persistence of chlamydial infection through stimulation of A2b receptors. <i>PLoS ONE</i> , 2009 , 4, e8299	3.7	26
69	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, 26789-96	5.4	91
68	An iterative strategy combining biophysical criteria and duration hidden Markov models for structural predictions of Chlamydia trachomatis sigma66 promoters. <i>BMC Bioinformatics</i> , 2009 , 10, 271	3.6	12
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