

David M Ojcius

List of Publications by Year in descending order

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Version: 2024-02-01

238
papers

17,569
citations

13827

67
h-index

17055

122
g-index

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. | 6.6 | 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. | 5.8 | 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. | 1.6 | 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. | 6.1 | 524 |
| 5 | Cell Death Mechanisms and the Immune System. <i>Immunological Reviews</i> , 1991, 121, 29-65. | 2.8 | 443 |
| 6 | Lysosomal Membrane Permeabilization Induces Cell Death in a Mitochondrion-dependent Fashion. <i>Journal of Experimental Medicine</i> , 2003, 197, 1323-1334. | 4.2 | 421 |
| 7 | Association between periodontal pathogens and systemic disease. <i>Biomedical Journal</i> , 2019, 42, 27-35. | 1.4 | 395 |
| 8 | The Oral Microbiota: Living with a Permanent Guest. <i>DNA and Cell Biology</i> , 2009, 28, 405-411. | 0.9 | 340 |
| 9 | Impact of COVID-19 on dental education in the United States. <i>Journal of Dental Education</i> , 2020, 84, 718-722. | 0.7 | 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. | 1.0 | 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. | 0.4 | 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. | 1.1 | 254 |
| 13 | Ionophore-induced apoptosis: Role of DNA fragmentation and calcium fluxes. <i>Experimental Cell Research</i> , 1991, 197, 43-49. | 1.2 | 241 |
| 14 | Cytolytic pore-forming proteins and peptides: is there a common structural motif?. <i>Trends in Biochemical Sciences</i> , 1991, 16, 225-229. | 3.7 | 228 |
| 15 | Anti-obesogenic and antidiabetic effects of plants and mushrooms. <i>Nature Reviews Endocrinology</i> , 2017, 13, 149-160. | 4.3 | 213 |
| 16 | Functional gene transfer from intracellular bacteria to mammalian cells. <i>Nature Biotechnology</i> , 1998, 16, 862-866. | 9.4 | 210 |
| 17 | P _{2Z} /P _{2X7} receptor-dependent apoptosis of dendritic cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 276, C1139-C1147. | 2.1 | 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. | 1.0 | 190 |
| 20 | Chlamydia and apoptosis: life and death decisions of an intracellular pathogen. <i>Nature Reviews Microbiology</i> , 2004, 2, 802-808. | 13.6 | 178 |
| 21 | Intercellular Spreading of <i>Porphyromonas gingivalis</i> Infection in Primary Gingival Epithelial Cells. <i>Infection and Immunity</i> , 2006, 74, 703-710. | 1.0 | 161 |
| 22 | Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. <i>Journal of Experimental Medicine</i> , 2011, 208, 1823-1834. | 4.2 | 156 |
| 23 | Inhibition of Chlamydial Infectious Activity due to P2X7R-Dependent Phospholipase D Activation. <i>Immunity</i> , 2003, 19, 403-412. | 6.6 | 155 |
| 24 | Gut barrier disruption and chronic disease. <i>Trends in Endocrinology and Metabolism</i> , 2022, 33, 247-265. | 3.1 | 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. | 2.0 | 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. | 3.3 | 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. | 1.1 | 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. | 1.1 | 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. | 1.1 | 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. | 1.1 | 128 |
| 31 | Alarmins, inflammasomes and immunity. <i>Biomedical Journal</i> , 2012, 35, 437. | 1.4 | 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. | 1.6 | 124 |
| 33 | Salivary biomarkers for the diagnosis and monitoring of neurological diseases. <i>Biomedical Journal</i> , 2018, 41, 63-87. | 1.4 | 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. | 1.6 | 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. | 1.1 | 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. | 1.3 | 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. | 0.2 | 109 |
| 38 | Recruitment of BAD by the Chlamydia trachomatis Vacuole Correlates with Host-Cell Survival. <i>PLoS Pathogens</i> , 2006, 2, e45. | 2.1 | 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. | 1.6 | 105 |
| 40 | NK cells kill mycobacteria directly by releasing perforin and granulysin. <i>Journal of Leukocyte Biology</i> , 2014, 96, 1119-1129. | 1.5 | 105 |
| 41 | Hormetic Effects of Phytochemicals on Health and Longevity. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 335-346. | 3.1 | 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. | 1.6 | 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. | 1.1 | 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. | 1.8 | 100 |
| 45 | Impact of the gut microbiota, prebiotics, and probiotics on human health and disease. <i>Biomedical Journal</i> , 2014, 37, 259. | 1.4 | 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. | 2.1 | 97 |
| 47 | Role of Bcl-2 Family Members in Caspase-Independent Apoptosis during Chlamydia Infection. <i>Infection and Immunity</i> , 2002, 70, 55-61. | 1.0 | 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. | 1.9 | 89 |
| 49 | Lessons learned from the 2019-nCoV epidemic on prevention of future infectious diseases. <i>Microbes and Infection</i> , 2020, 22, 86-91. | 1.0 | 89 |
| 50 | Sleep Deprivation and Neurological Disorders. <i>BioMed Research International</i> , 2020, 2020, 1-19. | 0.9 | 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. | 1.6 | 87 |
| 52 | Chlamydia trachomatis Induces Expression of IFN- β -Inducible Protein 10 and IFN- β Independent of TLR2 and TLR4, but Largely Dependent on MyD88. <i>Journal of Immunology</i> , 2005, 175, 450-460. | 0.4 | 87 |
| 53 | Enhancement of ATP Levels and Glucose Metabolism during an Infection by Chlamydia. <i>Journal of Biological Chemistry</i> , 1998, 273, 7052-7058. | 1.6 | 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. | 1.2 | 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. | 1.1 | 86 |
| 56 | Role of extracellular nucleotides in the immune response against intracellular bacteria and protozoan parasites. Microbes and Infection, 2012, 14, 1271-1277. | 1.0 | 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. | 1.0 | 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. | 1.3 | 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. | 1.6 | 78 |
| 60 | Chlamydial infection of monocytes stimulates IL-1 β secretion through activation of the NLRP3 inflammasome. Microbes and Infection, 2010, 12, 652-661. | 1.0 | 77 |
| 61 | Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. Nature Microbiology, 2017, 2, 1435-1445. | 5.9 | 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. | 1.4 | 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. | 1.1 | 76 |
| 64 | Could nasal nitric oxide help to mitigate the severity of COVID-19?. Microbes and Infection, 2020, 22, 168-171. | 1.0 | 74 |
| 65 | 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. | 1.6 | 73 |
| 66 | Pretreatment with a Heat-Killed Probiotic Modulates the NLRP3 Inflammasome and Attenuates Colitis-Associated Colorectal Cancer in Mice. Nutrients, 2019, 11, 516. | 1.7 | 73 |
| 67 | At the Innate Frontiers between Mother and Fetus. Immunity, 2003, 18, 169-172. | 6.6 | 71 |
| 68 | Emerging use of senolytics and senomorphics against aging and chronic diseases. Medicinal Research Reviews, 2020, 40, 2114-2131. | 5.0 | 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. | 1.1 | 70 |
| 70 | Transcription factor complex AP-1 mediates inflammation initiated by <i>Chlamydia pneumoniae</i> infection. Cellular Microbiology, 2013, 15, 779-794. | 1.1 | 70 |
| 71 | Pyk2 activates the NLRP3 inflammasome by directly phosphorylating ASC and contributes to inflammasome-dependent peritonitis. Scientific Reports, 2016, 6, 36214. | 1.6 | 70 |
| 72 | Focus: Chlamydia. Nature Reviews Microbiology, 2004, 2, 530-530. | 13.6 | 67 |

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|----|--|-----|-----------|
| 73 | Is there an association between oral health and severity of COVID-19 complications?. <i>Biomedical Journal</i> , 2020, 43, 325-327. | 1.4 | 67 |
| 74 | Caspase-dependent apoptosis during infection with <i>Cryptosporidium parvum</i> . <i>Microbes and Infection</i> , 1999, 1, 1163-1168. | 1.0 | 64 |
| 75 | Cytopathicity of <i>Chlamydia</i> is largely reproduced by expression of a single chlamydial protease. <i>Journal of Cell Biology</i> , 2008, 182, 117-127. | 2.3 | 63 |
| 76 | Effect of <i>Chlamydia trachomatis</i> Infection and Subsequent Tumor Necrosis Factor Alpha Secretion on Apoptosis in the Murine Genital Tract. <i>Infection and Immunity</i> , 2000, 68, 2237-2244. | 1.0 | 62 |
| 77 | 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. | 1.0 | 61 |
| 78 | Multiple P2X and P2Y receptor subtypes in mouse J774, spleen and peritoneal macrophages. <i>Biochemical Pharmacology</i> , 2005, 69, 641-655. | 2.0 | 60 |
| 79 | Effect of the Purinergic Receptor P2X7 on <i>Chlamydia</i> Infection in Cervical Epithelial Cells and Vaginally Infected Mice. <i>Journal of Immunology</i> , 2007, 179, 3707-3714. | 0.4 | 59 |
| 80 | Purinergic receptor agonists modulate phagocytosis and clearance of apoptotic cells in macrophages. <i>Immunobiology</i> , 2011, 216, 1-11. | 0.8 | 59 |
| 81 | Isolation and characterization of Psalmopeotoxin I and II: two novel antimalarial peptides from the venom of the tarantula <i>Psalmopoeus cambridgei</i> . <i>FEBS Letters</i> , 2004, 572, 109-117. | 1.3 | 58 |
| 82 | Activation of an NLRP3 Inflammasome Restricts <i>Mycobacterium kansasii</i> Infection. <i>PLoS ONE</i> , 2012, 7, e36292. | 1.1 | 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. <i>Journal of Medical Microbiology</i> , 2014, 63, 343-354. | 0.7 | 56 |
| 84 | <i>Aggregatibacter actinomycetemcomitans</i> Cytotoxic Distending Toxin Activates the NLRP3 Inflammasome in Human Macrophages, Leading to the Release of Proinflammatory Cytokines. <i>Infection and Immunity</i> , 2015, 83, 1487-1496. | 1.0 | 55 |
| 85 | Correlation between Infections with Different Genotypes of Human Cytomegalovirus and Epstein-Barr Virus in Subgingival Samples and Periodontal Status of Patients. <i>Journal of Clinical Microbiology</i> , 2007, 45, 3665-3670. | 1.8 | 54 |
| 86 | Physicochemical and Biological Properties of Biomimetic Mineralo-Protein Nanoparticles Formed Spontaneously in Biological Fluids. <i>Small</i> , 2013, 9, 2297-2307. | 5.2 | 54 |
| 87 | Antiaging effects of bioactive molecules isolated from plants and fungi. <i>Medicinal Research Reviews</i> , 2019, 39, 1515-1552. | 5.0 | 54 |
| 88 | Phytochemicals as Prebiotics and Biological Stress Inducers. <i>Trends in Biochemical Sciences</i> , 2020, 45, 462-471. | 3.7 | 54 |
| 89 | A cytoplasmic RNA virus generates functional viral small RNAs and regulates viral IRES activity in mammalian cells. <i>Nucleic Acids Research</i> , 2014, 42, 12789-12805. | 6.5 | 53 |
| 90 | The P2X7 receptor and intracellular pathogens: a continuing struggle. <i>Purinergic Signalling</i> , 2009, 5, 197-204. | 1.1 | 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. | 1.0 | 51 |
| 92 | Closing in on Chlamydia and its intracellular bag of tricks. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2723-2731. | 0.7 | 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. | 1.3 | 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. | 1.1 | 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. | 5.0 | 50 |
| 96 | Sulphate-reducing bacteria from ulcerative colitis patients induce apoptosis of gastrointestinal epithelial cells. <i>Microbial Pathogenesis</i> , 2017, 112, 126-134. | 1.3 | 50 |
| 97 | Immunomodulatory Properties of Plants and Mushrooms. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 967-981. | 4.0 | 50 |
| 98 | Identification of CD24 as a Cancer Stem Cell Marker in Human Nasopharyngeal Carcinoma. <i>PLoS ONE</i> , 2014, 9, e99412. | 1.1 | 49 |
| 99 | The Microtubule-associated Protein EB1 Links AIM2 Inflammasomes with Autophagy-dependent Secretion. <i>Journal of Biological Chemistry</i> , 2014, 289, 29322-29333. | 1.6 | 47 |
| 100 | The role of P2 receptors in controlling infections by intracellular pathogens. <i>Purinergic Signalling</i> , 2007, 3, 83-90. | 1.1 | 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. | 0.9 | 44 |
| 102 | Mineral particles stimulate innate immunity through neutrophil extracellular traps containing HMGB1. <i>Scientific Reports</i> , 2017, 7, 16628. | 1.6 | 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. | 1.6 | 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. | 1.1 | 43 |
| 105 | <i>Porphyromonas gingivalis</i> ; Fimbriae Dampen P2X7-Dependent Interleukin-1 β Secretion. <i>Journal of Innate Immunity</i> , 2014, 6, 831-845. | 1.8 | 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. | 1.4 | 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. | 2.6 | 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. | 1.1 | 41 |
| 110 | Characterization of Host Cell Death Induced by <i>Chlamydia trachomatis</i> . <i>Infection and Immunity</i> , 2006, 74, 6057-6066. | 1.0 | 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. | 1.1 | 39 |
| 112 | Mononuclear-macrophages but not neutrophils act as major infiltrating anti-leptospiral phagocytes during leptospirosis. <i>PLoS ONE</i> , 2017, 12, e0181014. | 1.1 | 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. | 2.0 | 38 |
| 114 | Recent advances in the field of caloric restriction mimetics and anti-aging molecules. <i>Ageing Research Reviews</i> , 2021, 66, 101240. | 5.0 | 38 |
| 115 | The Danger Signal Adenosine Induces Persistence of Chlamydial Infection through Stimulation of A2b Receptors. <i>PLoS ONE</i> , 2009, 4, e8299. | 1.1 | 37 |
| 116 | <i>Hirsutella sinensis</i> mycelium attenuates bleomycin-induced pulmonary inflammation and fibrosis in vivo. <i>Scientific Reports</i> , 2015, 5, 15282. | 1.6 | 37 |
| 117 | Is the inflammasome relevant for epithelial cell function?. <i>Microbes and Infection</i> , 2016, 18, 93-101. | 1.0 | 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. | 2.7 | 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. | 1.1 | 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. | 1.7 | 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. | 1.6 | 36 |
| 122 | Detection and characterization of mineralo-organic nanoparticles in human kidneys. <i>Scientific Reports</i> , 2015, 5, 15272. | 1.6 | 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. | 1.0 | 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. | 1.7 | 33 |
| 125 | Valley fever: danger lurking in a dust cloud. <i>Microbes and Infection</i> , 2014, 16, 591-600. | 1.0 | 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. | 1.1 | 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. | 0.4 | 33 |
| 128 | Anticancer chemotherapy and radiotherapy trigger both non-cell-autonomous and cell-autonomous death. <i>Cell Death and Disease</i> , 2018, 9, 716. | 2.7 | 33 |
| 129 | Structural and Functional Features of the P2X4 Receptor: An Immunological Perspective. <i>Frontiers in Immunology</i> , 2021, 12, 645834. | 2.2 | 32 |
| 130 | Cell death, BAX activation, and HMGB1 release during infection with. <i>Microbes and Infection</i> , 2004, 6, 1145-1155. | 1.0 | 31 |
| 131 | An iron detection system determines bacterial swarming initiation and biofilm formation. <i>Scientific Reports</i> , 2016, 6, 36747. | 1.6 | 31 |
| 132 | Immunotherapies for Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2021, 12, 654739. | 1.1 | 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. | 1.6 | 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. | 1.4 | 29 |
| 135 | Cell death and inflammation during infection with the obligate intracellular pathogen, <i>Chlamydia</i> . <i>Biochimie</i> , 2003, 85, 763-769. | 1.3 | 28 |
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