

LPS, TLR4 and infectious disease diversity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	PPAR-alpha activators suppress STAT1 inflammatory signaling in lipopolysaccharide-activated rat glia. <i>NeuroReport</i> , 2005, 16, 829-833.	0.6	31
2	The lipid A palmitoyltransferase PagP: molecular mechanisms and role in bacterial pathogenesis. <i>Molecular Microbiology</i> , 2005, 57, 900-912.	1.2	156
3	Glycomics: an integrated systems approach to structure-function relationships of glycans. <i>Nature Methods</i> , 2005, 2, 817-824.	9.0	421
4	Repression by oxidative stress of iNOS and cytokine gene induction in macrophages results from AP-1 and NF- κ B inhibition mediated by B cell translocation gene-1 activation. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1523-1536.	1.3	30
5	Characterization of antibody responses to purified HIV-1 gp120 glycoproteins fused with the molecular adjuvant C3d. <i>Virology</i> , 2005, 340, 277-284.	1.1	14
6	Manifold Mechanisms of Toll-Like Receptor-Ligand Recognition. <i>Journal of Clinical Immunology</i> , 2005, 25, 511-521.	2.0	100
7	CARD15/NOD2 Is Not a Predisposing Factor for Necrotizing Enterocolitis. <i>Digestive Diseases and Sciences</i> , 2005, 50, 1684-1687.	1.1	20
8	Non-Human Primate Models for AIDS Vaccine Research. <i>Current Drug Targets Infectious Disorders</i> , 2005, 5, 193-201.	2.1	77
9	Molecular Basis of Reduced Potency of Underacylated Endotoxins. <i>Journal of Immunology</i> , 2005, 175, 4669-4676.	0.4	138
10	A <i>Leptospira interrogans</i> Enzyme with Similarity to Yeast Ste14p That Methylates the 1-Phosphate Group of Lipid A. <i>Journal of Biological Chemistry</i> , 2005, 280, 30214-30224.	1.6	22
11	CpG oligodeoxynucleotides induce IL-8 expression in CD34+ cells via mitogen-activated protein kinase-dependent and NF- κ B-independent pathways. <i>International Immunology</i> , 2005, 17, 1525-1531.	1.8	34
12	and the innate immune system. <i>International Journal of Medical Microbiology</i> , 2005, 295, 325-334.	1.5	16
13	Dual inhibitory effects of furonaphthoquinone compound on enzyme activity and lipopolysaccharide-induced expression of cyclooxygenase-2 in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 93-99.	1.0	6
14	Effect of rottlerin, a PKC- ζ inhibitor, on TLR-4-dependent activation of murine microglia. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 110-115.	1.0	26
15	Membrane-anchored CD14 is required for LPS-induced TLR4 endocytosis in TLR4/MD-2/CD14 overexpressing CHO cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1402-1409.	1.0	46
16	Recognition of Antimicrobial Peptides by a Bacterial Sensor Kinase. <i>Cell</i> , 2005, 122, 461-472.	13.5	495
17	Salmonella's Sensor for Host Defense Molecules. <i>Cell</i> , 2005, 122, 320-322.	13.5	19
18	Bartonella's host-cell interactions and vascular tumour formation. <i>Nature Reviews Microbiology</i> , 2005, 3, 621-631.	13.6	144

#	ARTICLE	IF	CITATIONS
19	Structure of a Synthetic Fragment of the Lipopolysaccharide (LPS) Binding Protein When Bound to LPS and Design of a Peptidic LPS Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7911-7914.	2.9	17
21	Invited review: Diversity of endotoxin and its impact on pathogenesis. <i>Journal of Endotoxin Research</i> , 2006, 12, 205-223.	2.5	43
22	Stimulus Perception in Bacterial Signal-Transducing Histidine Kinases. <i>Microbiology and Molecular Biology Reviews</i> , 2006, 70, 910-938.	2.9	592
23	Lack of association between Toll-like receptor 2 and Toll-like receptor 4 polymorphisms and atopic eczema. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 277-279.	1.5	58
24	Trigeminal Nociceptors Express TLR-4 and CD14: a Mechanism for Pain due to Infection. <i>Journal of Dental Research</i> , 2006, 85, 49-53.	2.5	213
25	Up-regulation, Enhanced Maturation, and Secretion of Cathepsin E in Mouse Macrophages Treated with Interferon- γ or Lipopolysaccharide. <i>Journal of Oral Biosciences</i> , 2006, 48, 218-225.	0.8	2
26	Structure and Biosynthesis of Free Lipid A Molecules That Replace Lipopolysaccharide in <i>Francisella tularensis</i> subsp. <i>novicida</i> . <i>Biochemistry</i> , 2006, 45, 14427-14440.	1.2	112
27	Oral phenylephrine: An ineffective replacement for pseudoephedrine?. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 279-280.	1.5	31
28	Short-term hyperthermic treatment of <i>Penaeus monodon</i> increases expression of heat shock protein 70 (HSP70) and reduces replication of gill associated virus (GAV). <i>Aquaculture</i> , 2006, 253, 82-90.	1.7	63
29	Conservation of Toll-like receptor signaling pathways in teleost fish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2006, 1, 77-88.	0.4	113
30	Distinct gene expression in human $\text{V}\alpha$ 1 and $\text{V}\alpha$ 2 β T cells following non-TCR agonist stimulation. <i>Molecular Immunology</i> , 2006, 43, 2002-2011.	1.0	57
31	Effect of a medicinal extract from <i>Agaricus blazei</i> Murill on gene expression in a human monocyte cell line as examined by microarrays and immuno assays. <i>International Immunopharmacology</i> , 2006, 6, 133-143.	1.7	52
32	A new chapter opens in anti-inflammatory treatments: The antidepressant bupropion lowers production of tumor necrosis factor-alpha and interferon-gamma in mice. <i>International Immunopharmacology</i> , 2006, 6, 903-907.	1.7	175
33	In whole blood, LPS, TNF-alpha and GM-CSF increase monocyte uptake of ^{99m}Tc stannous colloid but do not affect neutrophil uptake. <i>Nuclear Medicine and Biology</i> , 2006, 33, 645-651.	0.3	35
34	Female genital tract immunization: Evaluation of candidate immunoadjuvants on epithelial cell secretion of CCL20 and dendritic/Langerhans cell maturation. <i>Vaccine</i> , 2006, 24, 5744-5754.	1.7	19
35	Microbial molecular patterns and host defense. , 0, , 99-130.		0
36	The Infant Intestinal Microbiota in Allergy. , 2006, , 189-205.		1
37	Inflammation and enhanced nociceptive responses to bladder distension produced by intravesical zymosan in the rat. <i>BMC Urology</i> , 2006, 6, 2.	0.6	35

#	ARTICLE	IF	CITATIONS
38	Expression of a Porphyromonas gingivalis lipid A palmitoyltransferase in Escherichia coli yields a chimeric lipid A with altered ability to stimulate interleukin-8 secretion. Cellular Microbiology, 2006, 8, 120-129.	1.1	26
39	Experimental pig yersiniosis to assess attenuation of Yersinia enterocolitica O:8 mutant strains. FEMS Immunology and Medical Microbiology, 2006, 47, 425-435.	2.7	6
40	Mannan derivatives induce phenotypic and functional maturation of mouse dendritic cells. Immunology, 2006, 118, 372-383.	2.0	120
41	The co-evolution of host cationic antimicrobial peptides and microbial resistance. Nature Reviews Microbiology, 2006, 4, 529-536.	13.6	874
42	CATALYTIC RECEPTORS. British Journal of Pharmacology, 2006, 147, S127-S133.	2.7	74
43	Global methods for protein glycosylation analysis by mass spectrometry. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 1870-1880.	1.1	74
44	Molecular Mechanisms of Bacterial Resistance to Antimicrobial Peptides. , 2006, 306, 231-250.		80
45	Inflammation, Immunity, Vaccines for Helicobacter Infection. Helicobacter, 2006, 11, 21-26.	1.6	27
46	Anti-myeloperoxidase antibodies enhance phagocytosis, IL-8 production, and glucose uptake of polymorphonuclear neutrophils rather than anti-proteinase 3 antibodies leading to activation-induced cell death of the neutrophils. Clinical Rheumatology, 2006, 26, 216-224.	1.0	24
47	Inhibitory effect of chroman carboxamide on interleukin-6 expression in response to lipopolysaccharide by preventing nuclear factor- κ B activation in macrophages. European Journal of Pharmacology, 2006, 543, 158-165.	1.7	13
48	The quest for new therapies in patients with cirrhosis and sepsis. Gastroenterologie Clinique Et Biologique, 2006, 30, 819-822.	0.9	0
49	Malaria tolerance "for whom the cell tolls?. Trends in Parasitology, 2006, 22, 371-377.	1.5	68
50	The novel β -defensin DEFB123 prevents lipopolysaccharide-mediated effects in vitro and in vivo. FASEB Journal, 2006, 20, 1701-1702.	0.2	88
51	Role of toll-like receptor signalling in A β uptake and clearance. Brain, 2006, 129, 3006-3019.	3.7	453
52	Diversity of endotoxin and its impact on pathogenesis. Journal of Endotoxin Research, 2006, 12, 205-223.	2.5	262
53	Anopheles gambiae Immune Responses to Human and Rodent Plasmodium Parasite Species. PLoS Pathogens, 2006, 2, e52.	2.1	380
54	MD1 Expression Regulates Development of Regulatory T Cells. Journal of Immunology, 2006, 177, 1078-1084.	0.4	21
55	Shield as Signal: Lipopolysaccharides and the Evolution of Immunity to Gram-Negative Bacteria. PLoS Pathogens, 2006, 2, e67.	2.1	116

#	ARTICLE	IF	CITATIONS
56	Phenol/water extract of <i>Treponema socranskii</i> subsp. <i>socranskii</i> as an antagonist of Toll-like receptor 4 signalling. <i>Microbiology (United Kingdom)</i> , 2006, 152, 535-546.	0.7	19
57	A bacterial carbohydrate links innate and adaptive responses through Toll-like receptor 2. <i>Journal of Experimental Medicine</i> , 2006, 203, 2853-2863.	4.2	245
58	Endotoxin-Induced Cardiomyopathy and Systemic Inflammation in Mice Is Prevented by Aldose Reductase Inhibition. <i>Circulation</i> , 2006, 114, 1838-1846.	1.6	97
59	Characterization of Antibody Responses Elicited by Human Immunodeficiency Virus Type 1 Primary Isolate Trimeric and Monomeric Envelope Glycoproteins in Selected Adjuvants. <i>Journal of Virology</i> , 2006, 80, 1414-1426.	1.5	160
60	The <i>Pseudomonas aeruginosa</i> Lipid A Deacylase: Selection for Expression and Loss within the Cystic Fibrosis Airway. <i>Journal of Bacteriology</i> , 2006, 188, 191-201.	1.0	109
61	Functional variant in the 3' untranslated region of toll-like receptor 4 is associated with nasopharyngeal carcinoma risk. <i>Cancer Biology and Therapy</i> , 2006, 5, 1285-1291.	1.5	39
62	The pathogen-associated <i>iroA</i> gene cluster mediates bacterial evasion of lipocalin 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16502-16507.	3.3	264
63	Immunologic Consequences of <i>Francisella tularensis</i> Live Vaccine Strain Infection: Role of the Innate Immune Response in Infection and Immunity. <i>Journal of Immunology</i> , 2006, 176, 6888-6899.	0.4	102
64	A <i>pmrA</i> Constitutive Mutant Sensitizes <i>Escherichia coli</i> to Deoxycholic Acid. <i>Journal of Bacteriology</i> , 2006, 188, 1180-1183.	1.0	67
65	Lack of In Vitro and In Vivo Recognition of <i>Francisella tularensis</i> Subspecies Lipopolysaccharide by Toll-Like Receptors. <i>Infection and Immunity</i> , 2006, 74, 6730-6738.	1.0	147
66	Genome Sequence Analysis of the Emerging Human Pathogenic Acetic Acid Bacterium <i>Granulibacter betheddensis</i> . <i>Journal of Bacteriology</i> , 2007, 189, 8727-8736.	1.0	48
67	Enhanced IL-10 Production by TLR4- and TLR2-Primed Dendritic Cells upon TLR Restimulation. <i>Journal of Immunology</i> , 2007, 178, 6173-6180.	0.4	86
68	Induction and Function of Lipocalin Prostaglandin D Synthase in Host Immunity. <i>Journal of Immunology</i> , 2007, 179, 2565-2575.	0.4	40
69	Transfer of Monomeric Endotoxin from MD-2 to CD14. <i>Journal of Biological Chemistry</i> , 2007, 282, 36250-36256.	1.6	24
70	Yin Yang 1 enhances cyclooxygenase-2 gene expression in macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1219-L1226.	1.3	56
71	Cocaine Dependence and Acute Cocaine Induce Decreases of Monocyte Proinflammatory Cytokine Expression across the Diurnal Period: Autonomic Mechanisms. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 507-515.	1.3	78
72	Immunostimulants in the prevention of respiratory infections. <i>International Journal of Biotechnology</i> , 2007, 9, 246.	1.2	3
73	Tolerance in the Absence of Autoantigen. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2007, 7, 203-210.	0.6	9

#	ARTICLE	IF	CITATIONS
74	CD14 Facilitates Invasive Respiratory Tract Infection by <i>Streptococcus pneumoniae</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 604-611.	2.5	49
75	Expression of <i>Legionella pneumophila</i> paralogue lipid A biosynthesis genes under different growth conditions. <i>Microbiology (United Kingdom)</i> , 2007, 153, 3817-3829.	0.7	28
76	The PhoQ-Activating Potential of Antimicrobial Peptides Contributes to Antimicrobial Efficacy and Is Predictive of the Induction of Bacterial Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4374-4381.	1.4	14
77	Immunostimulatory Properties of the Emerging Pathogen <i>Stenotrophomonas maltophilia</i> . <i>Infection and Immunity</i> , 2007, 75, 1698-1703.	1.0	79
78	Role of CD14 Promoter Polymorphisms in <i>Helicobacter pylori</i> Infection-Related Gastric Carcinoma. <i>Clinical Cancer Research</i> , 2007, 13, 2362-2368.	3.2	42
79	Attenuated virulence of a <i>Francisella</i> mutant lacking the lipid A 4'-phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4136-4141.	3.3	120
80	Human immature monocyte-derived dendritic cells produce and secrete α -defensins 1-3. <i>Journal of Leukocyte Biology</i> , 2007, 82, 1143-1146.	1.5	52
81	Overproduction of DNA Adenine Methyltransferase Alters Motility, Invasion, and the Lipopolysaccharide O-Antigen Composition of <i>Yersinia enterocolitica</i> . <i>Infection and Immunity</i> , 2007, 75, 4990-4997.	1.0	33
82	Attenuation of Vascular Permeability by Methylxanthone. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 222-231.	1.4	107
83	Contribution of Toll-like receptors to the innate immune response to Gram-negative and Gram-positive bacteria. <i>Blood</i> , 2007, 109, 1574-1583.	0.6	171
84	Functional Significance of Gene Polymorphisms in the Promoter of Myeloid Differentiation-2. <i>Annals of Surgery</i> , 2007, 246, 151-158.	2.1	55
85	We know you are in there: Conversing with the indigenous gut microbiota. <i>Research in Microbiology</i> , 2007, 158, 2-9.	1.0	78
86	Differential expression of pattern recognition receptors in sheep tissues and leukocyte subsets. <i>Veterinary Immunology and Immunopathology</i> , 2007, 118, 252-262.	0.5	38
87	Cross-reactivity of human leukocyte differentiation antigen monoclonal antibodies on carp and rainbow trout cells. <i>Veterinary Immunology and Immunopathology</i> , 2007, 119, 142-155.	0.5	4
88	Purification of soluble CD14 fusion proteins and use in an electrochemiluminescent assay for lipopolysaccharide binding. <i>Protein Expression and Purification</i> , 2007, 51, 96-101.	0.6	6
89	Reduced cerebral ischemia-reperfusion injury in Toll-like receptor 4 deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 509-514.	1.0	222
90	Chitosan oligosaccharide (COS) inhibits LPS-induced inflammatory effects in RAW 264.7 macrophage cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 954-959.	1.0	198
91	Intestinal Alkaline Phosphatase Detoxifies Lipopolysaccharide and Prevents Inflammation in Zebrafish in Response to the Gut Microbiota. <i>Cell Host and Microbe</i> , 2007, 2, 371-382.	5.1	613

#	ARTICLE	IF	CITATIONS
92	Role of LPS in the hepatic microvascular dysfunction elicited by cecal ligation and puncture in mice. <i>Journal of Hepatology</i> , 2007, 47, 799-806.	1.8	20
93	Lipopolysaccharide in bacterial chronic infection: Insights from <i>Helicobacter pylori</i> lipopolysaccharide and lipid A. <i>International Journal of Medical Microbiology</i> , 2007, 297, 307-319.	1.5	47
94	Lipopolysaccharide (LPS) regulates TLR4 signal transduction in nasopharynx epithelial cell line 5-8F via NF κ B and MAPKs signaling pathways. <i>Molecular Immunology</i> , 2007, 44, 984-992.	1.0	67
95	Chlamydial lipopolysaccharide is present in serum during acute coronary syndrome and correlates with CRP levels. <i>Atherosclerosis</i> , 2007, 194, 403-407.	0.4	13
96	Innate immunogenetics: a tool for exploring new frontiers of host defence. <i>Lancet Infectious Diseases</i> , The, 2007, 7, 531-542.	4.6	76
97	Comparative genomic analysis of the <i>Tribolium</i> immune system. <i>Genome Biology</i> , 2007, 8, R177.	13.9	271
98	Lipid A Modification Systems in Gram-Negative Bacteria. <i>Annual Review of Biochemistry</i> , 2007, 76, 295-329.	5.0	1,099
99	A Host Lipase Detoxifies Bacterial Lipopolysaccharides in the Liver and Spleen. <i>Journal of Biological Chemistry</i> , 2007, 282, 13726-13735.	1.6	89
100	Fungal Capsular Polysaccharide and T-Cell Suppression: The Hidden Nature of Poor Immunogenicity. <i>Critical Reviews in Immunology</i> , 2007, 27, 547-557.	1.0	26
101	Oligopotent Mesenchymal Stem Cell-Like Clone Becomes Multinucleated Following Phorbol Ester, TPA Stimulation. <i>Anatomical Record</i> , 2007, 290, 1256-1267.	0.8	5
102	Performance characteristics of the limulus ameocyte lysate assay and gas chromatography-mass spectrum analysis of lipopolysaccharides relative to nitric oxide production by peritoneal exudates of cells. <i>Journal of Hazardous Materials</i> , 2007, 145, 431-436.	6.5	9
103	Synthesis and evaluation of stimulatory properties of Sphingomonadaceae glycolipids. <i>Nature Chemical Biology</i> , 2007, 3, 559-564.	3.9	59
104	Pathogen subversion of cell-intrinsic innate immunity. <i>Nature Immunology</i> , 2007, 8, 1179-1187.	7.0	160
105	Catalytic Receptors. <i>British Journal of Pharmacology</i> , 2007, 150, S122-S127.	2.7	2
106	The GacA global regulator of <i>Vibrio fischeri</i> is required for normal host tissue responses that limit subsequent bacterial colonization. <i>Cellular Microbiology</i> , 2007, 9, 766-778.	1.1	22
107	A novel immunodeficiency characterized by the exclusive presence of transitional B cells unresponsive to CpG. <i>Immunology</i> , 2007, 121, 183-188.	2.0	23
108	Glycogen synthase kinase 3 activity during development of bone marrow-derived dendritic cells (DCs) essential for the DC function to induce T helper 2 polarization. <i>Immunology</i> , 2007, 122, 189-198.	2.0	17
109	<i>Burkholderia mallei</i> expresses a unique lipopolysaccharide mixture that is a potent activator of human Toll-like receptor 4 complexes. <i>Molecular Microbiology</i> , 2007, 63, 379-390.	1.2	55

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110	Toll-like receptors 2 and 4 mediate $\lambda^2(1\epsilon^{42})$ activation of the innate immune response in a human monocytic cell line. <i>Journal of Neurochemistry</i> , 2008, 104, 524-533.	2.1	146
111	Mucolipin-2 Localizes to the Arf6-Associated Pathway and Regulates Recycling of GPI-APs. <i>Traffic</i> , 2007, 8, 1404-1414.	1.3	73
112	Immunisation with a major <i>Trypanosoma cruzi</i> antigen promotes pro-inflammatory cytokines, nitric oxide production and increases TLR2 expression. <i>International Journal for Parasitology</i> , 2007, 37, 1243-1254.	1.3	31
113	The Structure and Function of <i>Francisella</i> Lipopolysaccharide. <i>Annals of the New York Academy of Sciences</i> , 2007, 1105, 202-218.	1.8	133
114	Regulation of interactions of Gram-negative bacterial endotoxins with mammalian cells. <i>Immunologic Research</i> , 2007, 39, 249-260.	1.3	163
115	Structural heterogeneity and environmentally regulated remodeling of <i>Francisella tularensis</i> subspecies <i>novicida</i> lipid A characterized by tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1080-1092.	1.2	85
116	Ivermectin inhibits LPS-induced production of inflammatory cytokines and improves LPS-induced survival in mice. <i>Inflammation Research</i> , 2008, 57, 524-529.	1.6	135
117	Anti-inflammatory properties of omega-3 fatty acids in critical illness: novel mechanisms and an integrative perspective. <i>Intensive Care Medicine</i> , 2008, 34, 1580-1592.	3.9	209
118	Chemical mutagenesis: a new strategy against the global threat of infectious diseases. <i>Mammalian Genome</i> , 2008, 19, 309-317.	1.0	7
119	Outsmarting the host: bacteria modulating the immune response. <i>Immunologic Research</i> , 2008, 41, 188-202.	1.3	31
120	How <i>Mycobacterium tuberculosis</i> subverts host immune responses. <i>BioEssays</i> , 2008, 30, 943-954.	1.2	52
121	Relevance of fucosylation and Lewis antigen expression in the bacterial gastroduodenal pathogen <i>Helicobacter pylori</i> . <i>Carbohydrate Research</i> , 2008, 343, 1952-1965.	1.1	116
122	A Glycan Shield for Bacterial Sphingolipids. <i>Chemistry and Biology</i> , 2008, 15, 642-644.	6.2	4
123	Conventional, Regulatory, and Unconventional T Cells in the Immunologic Response to <i>Helicobacter pylori</i> . <i>Helicobacter</i> , 2008, 13, 1-19.	1.6	50
124	Induction of cytomegalovirus-infected labyrinthitis in newborn mice by lipopolysaccharide: a model for hearing loss in congenital CMV infection. <i>Laboratory Investigation</i> , 2008, 88, 722-730.	1.7	33
125	Catalytic Receptors. <i>British Journal of Pharmacology</i> , 2008, 153, S146.	2.7	0
126	Inducible IL-23p19 expression in human microglia via p38 MAPK and NF- κ B signal pathways. <i>Experimental and Molecular Pathology</i> , 2008, 84, 1-8.	0.9	34
127	Divergence of canonical danger signals: The genome-level expression patterns of human mononuclear cells subjected to heat shock or lipopolysaccharide. <i>BMC Immunology</i> , 2008, 9, 24.	0.9	16

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128	Aggregation Behavior of an Ultra-Pure Lipopolysaccharide that Stimulates TLR-4 Receptors. <i>Biophysical Journal</i> , 2008, 95, 986-993.	0.2	61
129	Purification and Mutagenesis of LpxL, the Lauroyltransferase of <i>Escherichia coli</i> Lipid A Biosynthesis. <i>Biochemistry</i> , 2008, 47, 8623-8637.	1.2	42
130	An Inner Membrane Dioxygenase that Generates the 2-Hydroxymyristate Moiety of <i>Salmonella</i> Lipid A. <i>Biochemistry</i> , 2008, 47, 2814-2825.	1.2	63
131	Epigenetic regulation of established human type 1 versus type 2 cytokine responses. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 57-63.e3.	1.5	79
132	Toll-like receptor 4 ligation enforces tolerogenic properties of oral mucosal Langerhans cells. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 368-374.e1.	1.5	148
133	Forward Genetic Dissection of Immunity to Infection in the Mouse. <i>Annual Review of Immunology</i> , 2008, 26, 81-132.	9.5	54
134	GI Microbiota and Regulation of the Immune System. <i>Advances in Experimental Medicine and Biology</i> , 2008, , .	0.8	11
135	Increased expression and internalization of the endotoxin coreceptor CD14 in enterocytes occur as an early event in the development of experimental necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2008, 43, 1175-1181.	0.8	23
136	Transcriptional profiling of MHC class I genes in rainbow trout infected with infectious hematopoietic necrosis virus. <i>Molecular Immunology</i> , 2008, 45, 1646-1657.	1.0	39
137	Selective synergy in anti-inflammatory cytokine production upon cooperated signaling via TLR4 and TLR2 in murine conventional dendritic cells. <i>Molecular Immunology</i> , 2008, 45, 2734-2742.	1.0	58
138	Combined inhibition of complement and CD14 abolish E. coli-induced cytokine-, chemokine- and growth factor-synthesis in human whole blood. <i>Molecular Immunology</i> , 2008, 45, 3804-3813.	1.0	51
139	Lipopolysaccharide sensing an important factor in the innate immune response to Gram-negative bacterial infections: Benefits and hazards of LPS hypersensitivity. <i>Immunobiology</i> , 2008, 213, 193-203.	0.8	153
140	Lipid A and liposomes containing lipid A as antigens and adjuvants. <i>Vaccine</i> , 2008, 26, 3036-3045.	1.7	45
141	Neutrophil serine proteases fine-tune the inflammatory response. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1317-1333.	1.2	203
142	Causes for spontaneous abortion: What the bugs "gut" to do with it?. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2348-2352.	1.2	26
143	Human psychoneuroimmunology: 20 Years of discovery. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 129-139.	2.0	172
144	Host Innate Immune Receptors and Beyond: Making Sense of Microbial Infections. <i>Cell Host and Microbe</i> , 2008, 3, 352-363.	5.1	439
145	LPS/TLR4 signal transduction pathway. <i>Cytokine</i> , 2008, 42, 145-151.	1.4	2,424

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146	Differential expression of pattern recognition receptors during the development of foetal sheep. <i>Developmental and Comparative Immunology</i> , 2008, 32, 869-874.	1.0	12
147	TLR4 Links Podocytes with the Innate Immune System to Mediate Glomerular Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 704-713.	3.0	189
148	Glucosamine Found as a Substituent of Both Phosphate Groups in <i>Bordetella</i> Lipid A Backbones: Role of a BvgAS-Activated ArnT Ortholog. <i>Journal of Bacteriology</i> , 2008, 190, 4281-4290.	1.0	61
149	Interaction between <i>Yersinia pestis</i> and the Host Immune System. <i>Infection and Immunity</i> , 2008, 76, 1804-1811.	1.0	51
150	Fibrillar Amyloid- β Peptides Activate Microglia via TLR2: Implications for Alzheimer's Disease. <i>Journal of Immunology</i> , 2008, 181, 7254-7262.	0.4	288
151	Regulation of lipopolysaccharide O-antigen expression in <i>Pseudomonas aeruginosa</i> . <i>Future Microbiology</i> , 2008, 3, 191-203.	1.0	30
152	Alteration of superoxide- and nitric oxide-mediated antimicrobial function of macrophages by in vivo cocaine exposure. <i>Canadian Journal of Physiology and Pharmacology</i> , 2008, 86, 64-69.	0.7	1
153	<i>Pseudomonas aeruginosa</i> activates caspase 1 through Ipaf. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2562-2567.	3.3	269
154	Acute Pulmonary Lipopolysaccharide Tolerance Decreases TNF- α without Reducing Neutrophil Recruitment. <i>Journal of Immunology</i> , 2008, 181, 8402-8408.	0.4	28
155	Sensing Gram-Negative Bacterial Lipopolysaccharides: a Human Disease Determinant?. <i>Infection and Immunity</i> , 2008, 76, 454-465.	1.0	167
156	Mechanism and Inhibition of LpxC: An Essential Zinc-Dependent Deacetylase of Bacterial Lipid A Synthesis. <i>Current Pharmaceutical Biotechnology</i> , 2008, 9, 9-15.	0.9	133
157	Intranasal Immune Challenge Induces Sex-Dependent Depressive-Like Behavior and Cytokine Expression in the Brain. <i>Neuropsychopharmacology</i> , 2008, 33, 1038-1048.	2.8	111
158	A <i>Francisella</i> Mutant in Lipid A Carbohydrate Modification Elicits Protective Immunity. <i>PLoS Pathogens</i> , 2008, 4, e24.	2.1	76
159	Low potency of <i>Chlamydomphila</i> LPS to activate human mononuclear cells due to its reduced affinities for CD14 and LPS-binding protein. <i>International Immunology</i> , 2008, 20, 199-208.	1.8	10
160	Molecular Physiology of Preconditioning-Induced Brain Tolerance to Ischemia. <i>Physiological Reviews</i> , 2008, 88, 211-247.	13.1	226
161	Determination of pyrophosphorylated forms of lipid A in Gram-negative bacteria using a multivariate mass spectrometric approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12742-12747.	3.3	57
162	Galectin-3 Is a Negative Regulator of Lipopolysaccharide-Mediated Inflammation. <i>Journal of Immunology</i> , 2008, 181, 2781-2789.	0.4	137
163	PagP Activation in the Outer Membrane Triggers R3 Core Oligosaccharide Truncation in the Cytoplasm of <i>Escherichia coli</i> O157:H7. <i>Journal of Biological Chemistry</i> , 2008, 283, 4332-4343.	1.6	32

#	ARTICLE	IF	CITATIONS
164	MD-2-Dependent Pulmonary Immune Responses to Inhaled Lipooligosaccharides. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 647-654.	1.4	42
165	β-Secretase Limits the Inflammatory Response Through the Processing of LRP1. <i>Science Signaling</i> , 2008, 1, ra15.	1.6	116
166	MOLECULAR OR PHARMACOLOGIC INHIBITION OF THE CD14 SIGNALING PATHWAY PROTECTS AGAINST BURN-RELATED MYOCARDIAL INFLAMMATION AND DYSFUNCTION. <i>Shock</i> , 2008, 30, 705-713.	1.0	19
168	Vaccine Adjuvants. , 2009, , 115-129.		3
169	Lipopolysaccharides (Endotoxins). , 2009, , 513-528.		27
170	Resistance to Lipopolysaccharide-Induced Preterm Delivery Mediated by Regulatory T Cell Function in Mice. <i>Biology of Reproduction</i> , 2009, 80, 874-881.	1.2	62
171	A Nonadjuvanted Polypeptide Nanoparticle Vaccine Confers Long-Lasting Protection against Rodent Malaria. <i>Journal of Immunology</i> , 2009, 183, 7268-7277.	0.4	158
172	Malaria primes the innate immune response due to interferon-β induced enhancement of toll-like receptor expression and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5789-5794.	3.3	179
173	Structural characterization of <i>Bordetella parapertussis</i> lipid A. <i>Journal of Lipid Research</i> , 2009, 50, 854-859.	2.0	17
174	Instantaneous Within-Patient Diversity of <i>Pseudomonas aeruginosa</i> Quorum-Sensing Populations from Cystic Fibrosis Lung Infections. <i>Infection and Immunity</i> , 2009, 77, 5631-5639.	1.0	126
175	A Novel Mitogen-Activated Protein Kinase Phosphatase-1 and Glucocorticoid Receptor (GR) Interacting Protein-1-Dependent Combinatorial Mechanism of Gene Transrepression by GR. <i>Molecular Endocrinology</i> , 2009, 23, 86-99.	3.7	31
176	Endotoxin Modifications in the Bacterial Outer Membrane: Lipopolysaccharide Lipid A Remodeling in <i>Salmonella Typhimurium</i> . <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2009, 9, 224-233.	0.5	2
177	Functional Toll-Like Receptor 4 Conferring Lipopolysaccharide Responsiveness Is Expressed in Thyroid Cells. <i>Endocrinology</i> , 2009, 150, 500-508.	1.4	49
178	Quantitative Proteomics Analysis of Macrophage Rafts Reveals Compartmentalized Activation of the Proteasome and of Proteasome-mediated ERK Activation in Response to Lipopolysaccharide. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 201-213.	2.5	68
179	Lipopolysaccharide-dependent interaction between PU.1 and cJun determines production of lipocalin-type prostaglandin D synthase and prostaglandin D2 in macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L771-L779.	1.3	20
180	Lipopolysaccharide directly alters renal tubule transport through distinct TLR4-dependent pathways in basolateral and apical membranes. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F866-F874.	1.3	63
181	O-Antigen Delays Lipopolysaccharide Recognition and Impairs Antibacterial Host Defense in Murine Intestinal Epithelial Cells. <i>PLoS Pathogens</i> , 2009, 5, e1000567.	2.1	60
182	Modifications of Glycans and Glycoconjugates. , 2009, , 343-367.		3

#	ARTICLE	IF	CITATIONS
183	Structural and Biological Diversity of Lipopolysaccharides from <i>Burkholderia pseudomallei</i> and <i>Burkholderia thailandensis</i> . <i>Vaccine Journal</i> , 2009, 16, 1420-1428.	3.2	66
184	Working toward the Future: Insights into <i>Francisella tularensis</i> Pathogenesis and Vaccine Development. <i>Microbiology and Molecular Biology Reviews</i> , 2009, 73, 684-711.	2.9	127
185	Bacterial Endotoxin Stimulates Adipose Lipolysis via Toll-Like Receptor 4 and Extracellular Signal-regulated Kinase Pathway. <i>Journal of Biological Chemistry</i> , 2009, 284, 5915-5926.	1.6	126
186	Microwave-assisted sample preparation for rapid and sensitive analysis of <i>H. pylori</i> lipid A applicable to a single colony. <i>Journal of Lipid Research</i> , 2009, 50, 1936-1944.	2.0	18
187	Direct recognition of LPS by human but not murine CD8 ⁺ T cells via TLR4 complex. <i>European Journal of Immunology</i> , 2009, 39, 1564-1572.	1.6	56
188	Th2 allergic immune response to inhaled fungal antigens is modulated by TLR4-independent bacterial products. <i>European Journal of Immunology</i> , 2009, 39, 776-788.	1.6	42
190	Expression and immune effect of toll-like receptor 4 in human trophoblast cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2009, 29, 359-362.	1.0	7
191	BacA is indispensable for successful <i>Mesorhizobium</i> – <i>Astragalus</i> symbiosis. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 519-526.	1.7	28
192	A sensitive liquid chromatography/mass spectrometry-based assay for quantitation of amino-containing moieties in lipid A. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 433-442.	0.7	12
193	The roles of ASK family proteins in stress responses and diseases. <i>Cell Communication and Signaling</i> , 2009, 7, 9.	2.7	163
194	Parasite immunomodulation and polymorphisms of the immune system. <i>Journal of Biology</i> , 2009, 8, 62.	2.7	59
195	An outer membrane protease of the omptin family prevents activation of the <i>Citrobacter rodentium</i> PhoPQ two-component system by antimicrobial peptides. <i>Molecular Microbiology</i> , 2009, 74, 98-111.	1.2	26
196	<i>Toll</i> -like receptor 4 genetic diversity among pig populations. <i>Animal Genetics</i> , 2009, 40, 289-299.	0.6	23
197	Opportunities and challenges in synthetic oligosaccharide and glycoconjugate research. <i>Nature Chemistry</i> , 2009, 1, 611-622.	6.6	585
198	Transport of lipopolysaccharide across the cell envelope: the long road of discovery. <i>Nature Reviews Microbiology</i> , 2009, 7, 677-683.	13.6	232
199	The influence of Ni(II) on surface antigen expression in murine macrophages. <i>Biomaterials</i> , 2009, 30, 1492-1501.	5.7	34
200	Bacterial Sensing of Antimicrobial Peptides. <i>Contributions To Microbiology</i> , 2009, 16, 136-149.	2.1	81
201	Identification of Undecaprenyl Phosphate- ¹² -Galactosamine in <i>Francisella novicida</i> and Its Function in Lipid A Modification. <i>Biochemistry</i> , 2009, 48, 1162-1172.	1.2	55

#	ARTICLE	IF	CITATIONS
202	Molecular Mechanism for Lateral Lipid Diffusion between the Outer Membrane External Leaflet and a β -Barrel Hydrocarbon Ruler. <i>Biochemistry</i> , 2009, 48, 9745-9756.	1.2	28
203	Induction of lactoferrin gene expression by innate immune stimuli in mouse mammary epithelial HC-11 cells. <i>Biochimie</i> , 2009, 91, 58-67.	1.3	22
204	Recognition of meningococcal molecular patterns by innate immune receptors. <i>International Journal of Medical Microbiology</i> , 2009, 299, 9-20.	1.5	8
205	Differential roles of PI3-Kinase, MAPKs and NF- κ B on the manipulation of dendritic cell Th1/Th2 cytokine/chemokine polarizing profile. <i>Molecular Immunology</i> , 2009, 46, 2481-2492.	1.0	49
206	Endotoxin Exposure and Inflammation Markers Among Agricultural Workers in Colorado and Nebraska. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 73, 5-22.	1.1	47
207	Different bacteria species lipopolysaccharide co-exposure with Pseudomonas exotoxin A on multiple organ injury induction. <i>Immunopharmacology and Immunotoxicology</i> , 2009, 31, 616-624.	1.1	2
208	Toll-like receptor 4-dependent activation of myeloid dendritic cells by leukocidin of <i>Staphylococcus aureus</i> . <i>Microbes and Infection</i> , 2009, 11, 245-253.	1.0	28
209	Invited review: Breaking barriers – attack on innate immune defences by outer surface proteases of enterobacterial pathogens. <i>Innate Immunity</i> , 2009, 15, 67-80.	1.1	92
210	Dendritic cells as potential targets for mucosal immunotherapy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2009, 9, 554-557.	1.1	46
211	Host Defense Peptides: Bridging Antimicrobial and Immunomodulatory Activities*. , 2010, , 175-216.		2
212	Glycoanalysis of Bacterial Glycome. , 2010, , 157-173.		0
213	CHRONIC PULMONARY LPS TOLERANCE INDUCES SELECTIVE IMMUNOSUPPRESSION WHILE MAINTAINING THE NEUTROPHILIC RESPONSE. <i>Shock</i> , 2010, 33, 162-169.	1.0	16
214	Characterization of Lipid A in <i>Cronobacter Sakazakii</i> . <i>European Journal of Mass Spectrometry</i> , 2010, 16, 531-538.	0.5	12
215	Effects of <i>galU</i> Mutation on <i>Pseudomonas syringae</i> – Plant Interactions. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1184-1196.	1.4	26
216	The Role of Pseudomonas Lipopolysaccharide in Cystic Fibrosis Airway Infection. <i>Sub-Cellular Biochemistry</i> , 2010, 53, 241-253.	1.0	54
217	The systemic toxicity of positively charged lipid nanoparticles and the role of Toll-like receptor 4 in immune activation. <i>Biomaterials</i> , 2010, 31, 6867-6875.	5.7	384
218	<i>Stenotrophomonas maltophilia</i> : Significant contemporary hospital pathogen – review. <i>Folia Microbiologica</i> , 2010, 55, 286-294.	1.1	38
219	Monoclonal antibody S60-4-14 reveals diagnostic potential in the identification of <i>Pseudomonas aeruginosa</i> in lung tissues of cystic fibrosis patients. <i>European Journal of Cell Biology</i> , 2010, 89, 25-33.	1.6	7

#	ARTICLE	IF	CITATIONS
220	Glycoproteomics in neurodegenerative diseases. <i>Mass Spectrometry Reviews</i> , 2010, 29, 79-125.	2.8	99
221	Comprehensive structure characterization of lipid A extracted from <i>Yersinia pestis</i> for determination of its phosphorylation configuration. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 785-799.	1.2	34
222	Hexane/ethanol extract of <i>Glycyrrhiza uralensis</i> licorice exerts potent anti-inflammatory effects in murine macrophages and in mouse skin. <i>Food Chemistry</i> , 2010, 121, 959-966.	4.2	29
223	Commensal microflora induce host defense and decrease bacterial translocation in burn mice through toll-like receptor 4. <i>Journal of Biomedical Science</i> , 2010, 17, 48.	2.6	18
224	Endotoxin-induced lung injury in $\hat{\pm}$ -galactosylceramide-sensitized mice is caused by failure of interleukin-4 production in lung natural killer T cells. <i>Clinical and Experimental Immunology</i> , 2010, 162, 169-177.	1.1	4
225	Antimicrobial peptides and their use in medicine. <i>Applied Biochemistry and Microbiology</i> , 2010, 46, 803-814.	0.3	34
226	Breaking the wall: targeting of the endothelium by pathogenic bacteria. <i>Nature Reviews Microbiology</i> , 2010, 8, 93-104.	13.6	150
227	TLR4 Asp299Gly and Thr399Ile Polymorphisms: No Impact on Human Immune Responsiveness to LPS or Respiratory Syncytial Virus. <i>PLoS ONE</i> , 2010, 5, e12087.	1.1	43
228	Immunomodulation by zwitterionic polysaccharides. , 2010, , 957-980.		2
229	Telling apart friend from foe: discriminating between commensals and pathogens at mucosal sites. <i>Innate Immunity</i> , 2010, 16, 391-404.	1.1	27
230	Variability in the Lipooligosaccharide Structure and Endotoxicity among <i>Bordetella pertussis</i> Strains. <i>Journal of Infectious Diseases</i> , 2010, 202, 1897-1906.	1.9	30
231	Wound Healing Versus Regeneration: Role of the Tissue Environment in Regenerative Medicine. <i>MRS Bulletin</i> , 2010, 35, 597-606.	1.7	82
232	The Nrf2-Keap1-ARE Toxicity Pathway as a Cellular Sensor for Skin Sensitizersâ€™ Functional Relevance and a Hypothesis on Innate Reactions to Skin Sensitizers. <i>Toxicological Sciences</i> , 2010, 113, 284-292.	1.4	149
233	The Structure of <i>Neisseria meningitidis</i> Lipid A Determines Outcome in Experimental Meningococcal Disease. <i>Infection and Immunity</i> , 2010, 78, 3177-3186.	1.0	23
234	Altered Linkage of Hydroxyacyl Chains in Lipid A of <i>Campylobacter jejuni</i> Reduces TLR4 Activation and Antimicrobial Resistance. <i>Journal of Biological Chemistry</i> , 2010, 285, 15828-15836.	1.6	46
235	Substitution of the <i>Bordetella pertussis</i> Lipid A Phosphate Groups with Glucosamine Is Required for Robust NF- $\hat{\rho}$ B Activation and Release of Proinflammatory Cytokines in Cells Expressing Human but Not Murine Toll-Like Receptor 4-MD-2-CD14. <i>Infection and Immunity</i> , 2010, 78, 2060-2069.	1.0	45
236	Identification of a Novel Human MD-2 Splice Variant That Negatively Regulates Lipopolysaccharide-Induced TLR4 Signaling. <i>Journal of Immunology</i> , 2010, 184, 6359-6366.	0.4	30
237	Innate immune response triggered by triacyl lipid A is dependent on phospholipid transfer protein (PLTP) gene expression. <i>FASEB Journal</i> , 2010, 24, 3544-3554.	0.2	12

#	ARTICLE	IF	CITATIONS
238	Lipopolysaccharide suppresses HIV-1 replication in human monocytes by protein kinase C-dependent heme oxygenase-1 induction. <i>Journal of Leukocyte Biology</i> , 2010, 87, 915-924.	1.5	32
239	The Role of Lipopeptidophosphoglycan in the Immune Response to <i>Entamoeba histolytica</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-12.	3.0	28
240	Evaluation of tissue factor procoagulant activity on the surface of feline leukocytes in response to treatment with lipopolysaccharide and heat-inactivated fetal bovine serum. <i>American Journal of Veterinary Research</i> , 2010, 71, 623-629.	0.3	7
241	De novo Designed Lipopolysaccharide Binding Peptides: Structure Based Development of Antiendotoxic and Antimicrobial Drugs. <i>Current Medicinal Chemistry</i> , 2010, 17, 3080-3093.	1.2	77
242	The molecular basis of the host response to lipopolysaccharide. <i>Nature Reviews Microbiology</i> , 2010, 8, 8-14.	13.6	303
243	Lipid A in Cancer Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2010, , .	0.8	2
244	Subcellular Quantitative Proteomics Reveals Multiple Pathway Cross-Talk That Coordinates Specific Signaling and Transcriptional Regulation for the Early Host Response to LPS. <i>Journal of Proteome Research</i> , 2010, 9, 1805-1821.	1.8	23
245	A Thiolate Anion Buried within the Hydrocarbon Ruler Perturbs PagP Lipid Acyl Chain Selection. <i>Biochemistry</i> , 2010, 49, 2368-2379.	1.2	17
246	Aldose reductase inhibition prevents lipopolysaccharide-induced glucose uptake and glucose transporter 3 expression in RAW264.7 macrophages. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1039-1045.	1.2	16
247	Neonatal exposure to LPS leads to heightened exploratory activity in adolescent rats. <i>Behavioural Brain Research</i> , 2010, 215, 102-109.	1.2	39
248	Molecular cloning and functional characterization of a mouse gene upregulated by lipopolysaccharide treatment reveals alternative splicing. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 267-271.	1.0	1
249	Corticotropin releasing factor in the rat colon: Expression, localization and upregulation by endotoxin. <i>Peptides</i> , 2010, 31, 322-331.	1.2	38
250	Methamphetamine cytotoxicity and effect on LPS-stimulated IL-1 β production by human monocytes. <i>Toxicology in Vitro</i> , 2010, 24, 921-927.	1.1	22
251	Ontogeny and characterization of blood leukocyte subsets and serum proteins in piglets before and after weaning. <i>Veterinary Immunology and Immunopathology</i> , 2010, 133, 95-108.	0.5	39
252	Functional genomics to identify therapeutic prophylactic targets. <i>Environmental Microbiology Reports</i> , 2010, 2, 219-227.	1.0	1
253	Modular Approach toward Bioactive Fiber Meshes Carrying Oligosaccharides. <i>Macromolecules</i> , 2010, 43, 9239-9247.	2.2	40
254	Genome-Wide Transposon Mutagenesis Identifies a Role for Host Neuroendocrine Stress Hormones in Regulating the Expression of Virulence Genes in <i>Salmonella</i> . <i>Journal of Bacteriology</i> , 2010, 192, 714-724.	1.0	40
255	Differential Inhibition of Human Immunodeficiency Virus Type 1 in Peripheral Blood Mononuclear Cells and TZM-bl Cells by Endotoxin-Mediated Chemokine and Gamma Interferon Production. <i>AIDS Research and Human Retroviruses</i> , 2010, 26, 279-291.	0.5	30

#	ARTICLE	IF	CITATIONS
256	Effect of crude lipopolysaccharide from <i>Escherichia coli</i> O127:B8 on the amebocyte-producing organ of <i>Biomphalaria glabrata</i> (Mollusca). <i>Developmental and Comparative Immunology</i> , 2011, 35, 1182-1185.	1.0	10
257	CD14 and TRIF govern distinct responsiveness and responses in mouse microglial TLR4 challenges by structural variants of LPS. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 957-970.	2.0	50
258	Mechanisms controlling pathogen colonization of the gut. <i>Current Opinion in Microbiology</i> , 2011, 14, 82-91.	2.3	345
259	Lipopolysaccharide From <i>Porphyromonas gingivalis</i> Sensitizes Capsaicin-Sensitive Nociceptors. <i>Journal of Endodontics</i> , 2011, 37, 45-48.	1.4	71
260	Anti-inflammatory effects of <i>Polygala tenuifolia</i> root through inhibition of NF- κ B activation in lipopolysaccharide-induced BV2 microglial cells. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1402-1408.	2.0	79
261	Cytokines mediated inflammation and decreased neurogenesis in animal models of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 760-768.	2.5	243
262	LPS inhibits the effects of fluoxetine on depression-like behavior and hippocampal neurogenesis in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1831-1835.	2.5	54
264	Synthesis of serine-based glycolipids as potential TLR4 activators. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2492.	1.5	19
265	Different effectiveness of <i>Helicobacter pylori</i> lipopolysaccharides with or without Lewis ^{XY} determinants in stimulating the secretion of proinflammatory cytokines IL-8 and TNF- α by peripheral blood mononuclear leukocytes. <i>Przegląd Gastroenterologiczny</i> , 2011, 6, 401-408.	0.3	2
266	Host-Pathogen Interactions. , 0, , 372-388.		0
267	Macrophages, Meta-Inflammation, and Immuno-Metabolism. <i>Scientific World Journal, The</i> , 2011, 11, 2509-2529.	0.8	111
268	Genetic and Functional Diversity of <i>Pseudomonas aeruginosa</i> Lipopolysaccharide. <i>Frontiers in Microbiology</i> , 2011, 2, 118.	1.5	217
270	<i>Klebsiella pneumoniae</i> subverts the activation of inflammatory responses in a NOD1-dependent manner. <i>Cellular Microbiology</i> , 2011, 13, 135-153.	1.1	61
271	Apical expression of human full-length hCEACAM1-4L protein renders the Madin Darby Canine Kidney cells responsive to lipopolysaccharide leading to TLR4-dependent Erk1/2 and p38 MAPK signalling. <i>Cellular Microbiology</i> , 2011, 13, 764-785.	1.1	5
272	Leptospirosis: Aspects of Innate Immunity, Immunopathogenesis and Immune Evasion From the Complement System. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 408-419.	1.3	82
273	Protective effect of abamectin on acute lung injury induced by lipopolysaccharide in mice. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 700-707.	1.0	21
274	Regulation of cyclooxygenase-2 and cytosolic phospholipase A ₂ gene expression by lipopolysaccharide through the RNA-binding protein HuR: involvement of NADPH oxidase, reactive oxygen species and mitogen-activated protein kinases. <i>British Journal of Pharmacology</i> , 2011, 163, 1691-1706.	2.7	45
275	Novel regulatory functions for Toll-like receptor-activated B cells during intracellular bacterial infection. <i>Immunological Reviews</i> , 2011, 240, 52-71.	2.8	51

#	ARTICLE	IF	CITATIONS
276	Immunolocalization of Pulmonary Intravascular Macrophages, TLR4, TLR9 and IL-8 in Normal and Pasteurella multocida-infected Lungs of Water Buffalo (Bubalus bubalis). Journal of Comparative Pathology, 2011, 144, 135-144.	0.1	18
277	Genetics and molecular specificity of sialylation of Histophilus somni lipooligosaccharide (LOS) and the effect of LOS sialylation on Toll-like receptor-4 signaling. Veterinary Microbiology, 2011, 153, 163-172.	0.8	14
278	NF-kappaB p65 modulates the telomerase reverse transcriptase in the HepG2 hepatoma cell line. European Journal of Pharmacology, 2011, 672, 113-120.	1.7	30
279	Endotoxin as modifier of particulate matter toxicity: a review of the literature. Aerobiologia, 2011, 27, 97-105.	0.7	42
280	Association of toll-like receptor four single nucleotide polymorphisms with incidence of infectious bovine keratoconjunctivitis (IBK) in cattle. Immunogenetics, 2011, 63, 115-119.	1.2	21
281	Automated Lipid A Structure Assignment from Hierarchical Tandem Mass Spectrometry Data. Journal of the American Society for Mass Spectrometry, 2011, 22, 856-866.	1.2	26
282	Structural modifications occurring in lipid A of <i>Bordetella bronchiseptica</i> clinical isolates as demonstrated by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 1075-1081.	0.7	17
283	Mapping residue-specific contacts of polymyxin B with lipopolysaccharide by saturation transfer difference NMR: Insights into outer-membrane disruption and endotoxin neutralization. Biopolymers, 2011, 96, 273-287.	1.2	29
284	Plasma Levels of Soluble CD14 Independently Predict Mortality in HIV Infection. Journal of Infectious Diseases, 2011, 203, 780-790.	1.9	957
285	Systems biology model repository for macrophage pathway simulation. Bioinformatics, 2011, 27, 1591-1593.	1.8	5
286	NMR Structures and Interactions of Temporin-1Tl and Temporin-1Tb with Lipopolysaccharide Micelles. Journal of Biological Chemistry, 2011, 286, 24394-24406.	1.6	84
287	Host Defense and the Airway Epithelium: Frontline Responses That Protect against Bacterial Invasion and Pneumonia. Journal of Pathogens, 2011, 2011, 1-16.	0.9	59
288	Dioxygenases in Burkholderia ambifaria and Yersinia pestis that hydroxylate the outer Kdo unit of lipopolysaccharide. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 510-515.	3.3	38
289	Correction: Salmonella Synthesizing 1-Monophosphorylated Lipopolysaccharide Exhibits Low Endotoxic Activity while Retaining Its Immunogenicity. Journal of Immunology, 2011, 187, 3449-3449.	0.4	6
290	<i>Salmonella</i> Synthesizing 1-Monophosphorylated Lipopolysaccharide Exhibits Low Endotoxic Activity while Retaining Its Immunogenicity. Journal of Immunology, 2011, 187, 412-423.	0.4	66
291	Myeloid Differentiation Factor-2 Interacts with Lyn Kinase and Is Tyrosine Phosphorylated Following Lipopolysaccharide-Induced Activation of the TLR4 Signaling Pathway. Journal of Immunology, 2011, 187, 4331-4337.	0.4	25
292	Suppression of TLR9 Immunostimulatory Motifs in the Genome of a Gammaherpesvirus. Journal of Immunology, 2011, 187, 887-896.	0.4	21
293	Molecular Evolution of the Toll-Like Receptor Multigene Family in Birds. Molecular Biology and Evolution, 2011, 28, 1703-1715.	3.5	150

#	ARTICLE	IF	CITATIONS
294	Partially Glycosylated Dendrimers Block MD-2 and Prevent TLR4-MD-2-LPS Complex Mediated Cytokine Responses. <i>PLoS Computational Biology</i> , 2011, 7, e1002095.	1.5	31
295	Hepatocyte Growth Factor Inhibits Lipopolysaccharide-Induced Oxidative Stress via Epithelial Growth Factor Receptor Degradation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2687-2693.	1.1	26
296	EP ₂ and EP ₄ receptors on muscularis resident macrophages mediate LPS-induced intestinal dysmotility via iNOS upregulation through cAMP/ERK signals. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G524-G534.	1.6	37
297	Humanized TLR4/MD-2 Mice Reveal LPS Recognition Differentially Impacts Susceptibility to <i>Yersinia pestis</i> and <i>Salmonella enterica</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002963.	2.1	64
298	<i>Brucella</i> 1,2 Cyclic Glucan Is an Activator of Human and Mouse Dendritic Cells. <i>PLoS Pathogens</i> , 2012, 8, e1002983.	2.1	35
299	Interaction of <i>Helicobacter pylori</i> with C-Type Lectin Dendritic Cell-Specific ICAM Grabbing Nonintegrin. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-10.	3.0	26
300	The Role of Bacterial Lipopolysaccharides as Immune Modulator in Vaccine and Drug Development. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2012, 12, 221-235.	0.6	25
301	Lipopolysaccharides: From Erinyes to Charites. <i>Mediators of Inflammation</i> , 2012, 2012, 1-6.	1.4	7
302	Intruders below the Radar: Molecular Pathogenesis of <i>Bartonella</i> spp. <i>Clinical Microbiology Reviews</i> , 2012, 25, 42-78.	5.7	210
303	Role of <i>Francisella</i> Lipid A Phosphate Modification in Virulence and Long-Term Protective Immune Responses. <i>Infection and Immunity</i> , 2012, 80, 943-951.	1.0	32
304	A potential therapeutic role for aldose reductase inhibitors in the treatment of endotoxin-related inflammatory diseases. <i>Expert Opinion on Investigational Drugs</i> , 2012, 21, 329-339.	1.9	32
305	Phosphate Groups of Lipid A Are Essential for <i>Salmonella enterica</i> Serovar Typhimurium Virulence and Affect Innate and Adaptive Immunity. <i>Infection and Immunity</i> , 2012, 80, 3215-3224.	1.0	70
306	Chaperone Insufficiency Links TLR4 Protein Signaling to Endoplasmic Reticulum Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 15580-15589.	1.6	32
307	Protective Role for TLR4 Signaling in Atherosclerosis Progression as Revealed by Infection with a Common Oral Pathogen. <i>Journal of Immunology</i> , 2012, 189, 3681-3688.	0.4	54
308	NMR Studies of Hexaacylated Endotoxin Bound to Wild-type and F126A Mutant MD-2 and MD-2- Δ TLR4 Ectodomain Complexes. <i>Journal of Biological Chemistry</i> , 2012, 287, 16346-16355.	1.6	40
309	Lipopolysaccharide structure and biological activity from the cystic fibrosis pathogens <i>Burkholderia cepacia</i> complex. <i>Carbohydrate Chemistry</i> , 2012, , 13-39.	0.3	6
310	C1 Inhibitor Suppresses the Endotoxic Activity of a Wide Range of Lipopolysaccharides and Interacts With Live Gram-negative Bacteria. <i>Shock</i> , 2012, 38, 220-225.	1.0	10
311	LPS remodeling is an evolved survival strategy for bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8716-8721.	3.3	167

#	ARTICLE	IF	CITATIONS
312	Carbohydrate Chemistry. Carbohydrate Chemistry, 2012, , .	0.3	0
313	LpxI structures reveal how a lipid A precursor is synthesized. Nature Structural and Molecular Biology, 2012, 19, 1132-1138.	3.6	21
314	Impaired Stimulation of p38 β -MAPK/Vps41-HOPS by LPS from Pathogenic Coxiella burnetii Prevents Trafficking to Microbicidal Phagolysosomes. Cell Host and Microbe, 2012, 12, 751-763.	5.1	40
315	Surface Acoustic Wave Nebulization Facilitating Lipid Mass Spectrometric Analysis. Analytical Chemistry, 2012, 84, 6530-6537.	3.2	54
316	Gene expression profiles of RAW264.7 macrophages stimulated with preparations of LPS differing in isolation and purity. Innate Immunity, 2012, 18, 80-88.	1.1	22
317	The Effect of Temperature, Cations, and Number of Acyl Chains on the Lamellar to Non-Lamellar Transition in Lipid-A Membranes: A Microscopic View. Journal of Chemical Theory and Computation, 2012, 8, 3830-3838.	2.3	52
318	Parts-Based Assembly of Synthetic Transmembrane Proteins in Mammalian Cells. ACS Synthetic Biology, 2012, 1, 111-117.	1.9	6
319	Effects of taraxasterol on inflammatory responses in lipopolysaccharide-induced RAW 264.7 macrophages. Journal of Ethnopharmacology, 2012, 141, 206-211.	2.0	85
320	Antidiabetic drug metformin alleviates endotoxin-induced fulminant liver injury in mice. International Immunopharmacology, 2012, 12, 682-688.	1.7	55
321	Complexity of lipopolysaccharide modifications in Salmonella enterica: Its effects on endotoxin activity, membrane permeability, and resistance to antimicrobial peptides. Food Research International, 2012, 45, 493-501.	2.9	12
322	Toll-like receptor activation reveals developmental reorganization and unmasking responder subsets of microglia. Glia, 2012, 60, 1930-1943.	2.5	85
323	The impact of phospholipid transfer protein (PLTP) on lipoprotein metabolism. Nutrition and Metabolism, 2012, 9, 75.	1.3	38
324	Novel regulation targets of the metal-response BasS/BasR two-component system of Escherichia coli. Microbiology (United Kingdom), 2012, 158, 1482-1492.	0.7	56
325	The Lipopolysaccharide from Capnocytophaga canimorsus Reveals an Unexpected Role of the Core-Oligosaccharide in MD-2 Binding. PLoS Pathogens, 2012, 8, e1002667.	2.1	32
326	Lipid A 3-O-deacylation by Salmonella outer membrane enzyme LpxR modulates the ability of lipid A to stimulate Toll-like receptor 4. Biochemical and Biophysical Research Communications, 2012, 428, 343-347.	1.0	16
327	Exploring the anti-inflammatory activity of a novel 2-phenylquinazoline analog with protection against inflammatory injury. Toxicology and Applied Pharmacology, 2012, 264, 182-191.	1.3	16
328	New trends in peptide-based anti-biofilm strategies: a review of recent achievements and bioinformatic approaches. Biofouling, 2012, 28, 1033-1061.	0.8	128
329	Modifications of Glycans: Biological Significance and Therapeutic Opportunities. ACS Chemical Biology, 2012, 7, 31-43.	1.6	110

#	ARTICLE	IF	CITATIONS
330	Galectin-3: Forms, Functions, and Clinical Manifestations. , 2012, , 265-289.		3
331	Human platelets can discriminate between various bacterial LPS isoforms via TLR4 signaling and differential cytokine secretion. <i>Clinical Immunology</i> , 2012, 145, 189-200.	1.4	124
332	Divergent Pro-Inflammatory Profile of Human Dendritic Cells in Response to Commensal and Pathogenic Bacteria Associated with the Airway Microbiota. <i>PLoS ONE</i> , 2012, 7, e31976.	1.1	109
333	Variation at Innate Immunity Toll-Like Receptor Genes in a Bottlenecked Population of a New Zealand Robin. <i>PLoS ONE</i> , 2012, 7, e45011.	1.1	62
334	Prevalence and Clinical Course in Invasive Infections with Meningococcal Endotoxin Variants. <i>PLoS ONE</i> , 2012, 7, e49295.	1.1	12
335	Targeted glycomics by selected reaction monitoring for highly sensitive glycan compositional analysis. <i>Proteomics</i> , 2012, 12, 2510-2522.	1.3	16
336	Characterization of Differential Toll-Like Receptor Responses below the Optical Diffraction Limit. <i>Small</i> , 2012, 8, 3041-3049.	5.2	26
337	Induced fit binding of aldose reductase inhibitors to AKR1B10. <i>Medicinal Chemistry Research</i> , 2012, 21, 1245-1252.	1.1	3
338	Novel aspects of the apolipoprotein-E receptor family: regulation and functional role of their proteolytic processing. <i>Frontiers in Biology</i> , 2012, 7, 113-143.	0.7	6
339	Resistance to antimicrobial peptides in Gram-negative bacteria. <i>FEMS Microbiology Letters</i> , 2012, 330, 81-89.	0.7	119
340	Persistence of <i>Bartonella</i> spp. stealth pathogens: from subclinical infections to vasoproliferative tumor formation. <i>FEMS Microbiology Reviews</i> , 2012, 36, 563-599.	3.9	85
341	Effect of recombinant canine interleukin-6 and interleukin-8 on tissue factor procoagulant activity in canine peripheral blood mononuclear cells and purified canine monocytes. <i>Veterinary Clinical Pathology</i> , 2012, 41, 325-335.	0.3	4
342	Innate host responses to enteric bacterial pathogens: a balancing act between resistance and tolerance. <i>Cellular Microbiology</i> , 2012, 14, 475-484.	1.1	38
343	CD14 overexpression upregulates TNF- α -mediated inflammatory responses and suppresses the malignancy of gastric carcinoma cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 137-143.	1.4	6
344	Innate immunity probed by lipopolysaccharides affinity strategy and proteomics. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 775-784.	1.9	9
345	The atypical lipopolysaccharide of <i>Francisella</i> . <i>Carbohydrate Research</i> , 2013, 378, 79-83.	1.1	35
346	Human beta-defensin DEFB126 is capable of inhibiting LPS-mediated inflammation. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 3395-3408.	1.7	29
347	Antimicrobial Peptides and Innate Immunity. , 2013, , .		11

#	ARTICLE	IF	CITATIONS
348	Microbial Translocation Induces an Intense Proinflammatory Response in Patients With Visceral Leishmaniasis and HIV Type 1 Coinfection. <i>Journal of Infectious Diseases</i> , 2013, 208, 57-66.	1.9	42
349	Sulfated Astragalus polysaccharide can regulate the inflammatory reaction induced by LPS in Caco2 cells. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 248-252.	3.6	42
350	Mycobacterial Phenolic Glycolipids with a Simplified Lipid Aglycone Modulate Cytokine Levels through Toll-like Receptor 2. <i>ChemBioChem</i> , 2013, 14, 2153-2159.	1.3	27
351	IFN- γ -Induced Priming Maintains Long-Term Strain-Transcending Immunity against Blood-Stage <i>Plasmodium chabaudi</i> Malaria. <i>Journal of Immunology</i> , 2013, 191, 5160-5169.	0.4	25
352	Molecular bases of vaccine-prevention of plague. <i>Molecular Genetics, Microbiology and Virology</i> , 2013, 28, 87-98.	0.0	9
353	<i>Pseudoalteromonas</i> strains are potent immunomodulators owing to low-stimulatory LPS. <i>Innate Immunity</i> , 2013, 19, 160-173.	1.1	13
354	Disruption of immune regulation by microbial pathogens and resulting chronic inflammation. <i>Journal of Cellular Physiology</i> , 2013, 228, 1413-1422.	2.0	59
355	Immunopharmacology of Lipid A Mimetics. <i>Advances in Pharmacology</i> , 2013, 66, 81-128.	1.2	7
356	Lipopolysaccharide inhibits the expression of resistin in adipocytes. <i>Journal of Molecular Endocrinology</i> , 2013, 51, 287-299.	1.1	9
357	Distinct responses of lung and liver macrophages to acute endotoxemia. <i>Experimental and Molecular Pathology</i> , 2013, 94, 216-227.	0.9	11
358	Immune response of the mammary gland during different stages of lactation cycle in high versus low yielding Karan Fries crossbred cows. <i>Livestock Science</i> , 2013, 154, 215-223.	0.6	12
359	Glycoengineering of host mimicking type-2 LacNAc polymers and Lewis X antigens on bacterial cell surfaces. <i>Molecular Microbiology</i> , 2013, 87, 112-131.	1.2	15
360	Pathogen espionage: multiple bacterial adrenergic sensors eavesdrop on host communication systems. <i>Molecular Microbiology</i> , 2013, 87, 455-465.	1.2	86
361	Antimicrobial Peptides Produced by Microorganisms. , 2013, , 53-95.		7
362	Total Synthesis of an Immunomodulatory Phosphoglycolipid from Thermophilic Bacteria. <i>Chemistry - A European Journal</i> , 2013, 19, 7989-7998.	1.7	8
363	New technologies in developing recombinant attenuated Salmonella vaccine vectors. <i>Microbial Pathogenesis</i> , 2013, 58, 17-28.	1.3	68
364	Toll-like receptor 9 interaction with CpG ODN – An in silico analysis approach. <i>Theoretical Biology and Medical Modelling</i> , 2013, 10, 18.	2.1	19
365	Recognition of lipid A variants by the TLR4-MD-2 receptor complex. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 3.	1.8	173

#	ARTICLE	IF	CITATIONS
366	Negative regulation of inflammation by SIRT1. <i>Pharmacological Research</i> , 2013, 67, 60-67.	3.1	200
367	Development of aldose reductase inhibitors for the treatment of inflammatory disorders. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 1365-1380.	2.5	38
368	Identification of a Novel Antimicrobial Peptide from Human Hepatitis B Virus Core Protein Arginine-Rich Domain (ARD). <i>PLoS Pathogens</i> , 2013, 9, e1003425.	2.1	42
369	Methanol Extract of <i>Artemisia apiacea</i> Hance Attenuates the Expression of Inflammatory Mediators via NF- κ B Inactivation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-12.	0.5	15
370	Influence of Gut Microbiota on Subclinical Inflammation and Insulin Resistance. <i>Mediators of Inflammation</i> , 2013, 2013, 1-13.	1.4	111
371	The Novel Human β -Defensin 114 Regulates Lipopolysaccharide (LPS)-mediated Inflammation and Protects Sperm from Motility Loss. <i>Journal of Biological Chemistry</i> , 2013, 288, 12270-12282.	1.6	68
372	Risk of Repeated <i>Moraxella catarrhalis</i> Colonization Is Increased in Children With Toll-like Receptor 4 Asp299Gly Polymorphism. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 1185-1188.	1.1	11
373	Polymorphisms at the innate immune receptor <i>TLR2</i> are associated with <i>Borrelia</i> infection in a wild rodent population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130364.	1.2	82
374	Toll-Like Receptor 4-Linked Janus Kinase 2 Signaling Contributes to Internalization of <i>Brucella abortus</i> by Macrophages. <i>Infection and Immunity</i> , 2013, 81, 2448-2458.	1.0	43
375	LPS immobilization on porous and non-porous supports as an approach for the isolation of anti-LPS host-defense peptides. <i>Frontiers in Microbiology</i> , 2013, 4, 389.	1.5	14
376	Non-typhoidal Salmonellosis. , 2013, , 329-342.		6
377	Species-Dependent Blood-Brain Barrier Disruption of Lipopolysaccharide: Amelioration by Colistin <i>In Vitro</i> and <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4336-4342.	1.4	29
378	Towards Clinical Applications of Anti-endotoxin Antibodies; A Re-appraisal of the Disconnect. <i>Toxins</i> , 2013, 5, 2589-2620.	1.5	23
379	The Effects of Airway Microbiome on Corticosteroid Responsiveness in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1193-1201.	2.5	310
380	<i>Bartonella</i> and <i>Brucella</i> —Weapons and Strategies for Stealth Attack. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a010231-a010231.	2.9	34
381	Acyltransferases in Bacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2013, 77, 277-321.	2.9	145
382	CD14 Contributes to Warm Hepatic Ischemia-Reperfusion Injury in Mice. <i>Shock</i> , 2013, 40, 115-121.	1.0	18
383	Identification of Three Genes Encoding for the Late Acyltransferases of Lipid A in <i>Cronobacter sakazakii</i> . <i>Marine Drugs</i> , 2013, 11, 377-386.	2.2	14

#	ARTICLE	IF	CITATIONS
384	Signaling of High Mobility Group Box 1 (HMGB1) through Toll-like Receptor 4 in Macrophages Requires CD14. <i>Molecular Medicine</i> , 2013, 19, 88-98.	1.9	161
385	Single-Cell and Population NF- κ B Dynamic Responses Depend on Lipopolysaccharide Preparation. <i>PLoS ONE</i> , 2013, 8, e53222.	1.1	18
386	Intracellular Delivery of Lipopolysaccharide Induces Effective Th1-Immune Responses Independent of IL-12. <i>PLoS ONE</i> , 2013, 8, e68671.	1.1	13
387	Capture of Lipopolysaccharide (Endotoxin) by the Blood Clot: A Comparative Study. <i>PLoS ONE</i> , 2013, 8, e80192.	1.1	26
388	Should a Toll-like receptor 4 (TLR-4) agonist or antagonist be designed to treat cancer? TLR-4: its expression and effects in the ten most common cancers. <i>OncoTargets and Therapy</i> , 2013, 6, 1573.	1.0	72
389	Influence of Lipid A Acylation Pattern on Membrane Permeability and Innate Immune Stimulation. <i>Marine Drugs</i> , 2013, 11, 3197-3208.	2.2	40
390	Toll-Like Receptor 4 Limits Transmission of <i>Bordetella bronchiseptica</i> . <i>PLoS ONE</i> , 2014, 9, e85229.	1.1	15
391	Anti-Inflammatory Activity of <i>Odina wodier</i> Roxb, an Indian Folk Remedy, through Inhibition of Toll-Like Receptor 4 Signaling Pathway. <i>PLoS ONE</i> , 2014, 9, e104939.	1.1	19
392	The α -Genomic Storm Induced by Bacterial Endotoxin Is Calmed by a Nuclear Transport Modifier That Attenuates Localized and Systemic Inflammation. <i>PLoS ONE</i> , 2014, 9, e110183.	1.1	17
393	Lipopolysaccharide-Induced Loss of Cultured Rat Myenteric Neurons - Role of AMP-Activated Protein Kinase. <i>PLoS ONE</i> , 2014, 9, e114044.	1.1	24
394	Genomic Analysis of Plant Pathogenic Bacteria. , 0, , 392-418.		1
395	Construction and Characterization of an <i>Escherichia coli</i> Mutant Producing Kdo ₂ -Lipid A. <i>Marine Drugs</i> , 2014, 12, 1495-1511.	2.2	30
396	The Lipopolysaccharide Export Pathway in <i>Escherichia coli</i> : Structure, Organization and Regulated Assembly of the Lpt Machinery. <i>Marine Drugs</i> , 2014, 12, 1023-1042.	2.2	41
397	Regulation of bacterial virulence gene expression by cell envelope stress responses. <i>Virulence</i> , 2014, 5, 835-851.	1.8	33
398	Distinct Lipid A Moieties Contribute to Pathogen-Induced Site-Specific Vascular Inflammation. <i>PLoS Pathogens</i> , 2014, 10, e1004215.	2.1	71
399	Defining Molecular Signature of Pro-Immunogenic Radiotherapy Targets in Human Prostate Cancer Cells. <i>Radiation Research</i> , 2014, 182, 139-148.	0.7	41
400	The role of proteomics in understanding biological mechanisms of sepsis. <i>Proteomics - Clinical Applications</i> , 2014, 8, 35-52.	0.8	40
401	Antidiabetic drug metformin is effective on the metabolism of asymmetric dimethylarginine in experimental liver injury. <i>Diabetes Research and Clinical Practice</i> , 2014, 106, 295-302.	1.1	19

#	ARTICLE	IF	CITATIONS
402	Gram-positive and gram-negative bacterial toxins in sepsis. <i>Virulence</i> , 2014, 5, 213-218.	1.8	297
403	Guanylate binding proteins promote caspase-11-dependent pyroptosis in response to cytoplasmic LPS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6046-6051.	3.3	289
404	Distinct gene signatures in aortic tissue from ApoE ^{-/-} mice exposed to pathogens or Western diet. <i>BMC Genomics</i> , 2014, 15, 1176.	1.2	9
405	Structural aspects of molecular recognition in the immune system. Part II: Pattern recognition receptors (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2014, 86, 1483-1538.	0.9	6
406	Enzymatic Modification of Lipid A by ArnT Protects <i>Bordetella bronchiseptica</i> against Cationic Peptides and Is Required for Transmission. <i>Infection and Immunity</i> , 2014, 82, 491-499.	1.0	21
407	A Comparative Review of Toll-Like Receptor 4 Expression and Functionality in Different Animal Species. <i>Frontiers in Immunology</i> , 2014, 5, 316.	2.2	620
408	The Secretion of IL-22 from Mucosal NKp44 ⁺ NK Cells Is Associated with Microbial Translocation and Virus Infection in SIV/SHIV-Infected Chinese Macaques. <i>Journal of Immunology Research</i> , 2014, 2014, 1-13.	0.9	17
409	Sulfated Astragalus polysaccharide regulates the inflammatory reaction in LPS-infected broiler chicks. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 146-150.	3.6	38
410	Resurrecting Inactive Antimicrobial Peptides from the Lipopolysaccharide Trap. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1987-1996.	1.4	71
411	Regulatory T-cell vaccination independent of auto-antigen. <i>Experimental and Molecular Medicine</i> , 2014, 46, e82-e82.	3.2	6
412	Effects of perillaldehyde on alternations in serum cytokines and depressive-like behavior in mice after lipopolysaccharide administration. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 116, 1-8.	1.3	69
413	Inhibition of Cytokine Release by <i>Mycobacterium tuberculosis</i> Phenolic Glycolipid Analogues. <i>ChemBioChem</i> , 2014, 15, 1176-1182.	1.3	25
414	Nucleoside Diphosphate Kinase and Flagellin from <i>Pseudomonas aeruginosa</i> Induce Interleukin 1 Expression via the Akt/NF- κ B Signaling Pathways. <i>Infection and Immunity</i> , 2014, 82, 3252-3260.	1.0	15
415	Plasma membrane functionalization using highly fusogenic immune activator liposomes. <i>Acta Biomaterialia</i> , 2014, 10, 1403-1411.	4.1	13
416	Hydration, ionic valence and cross-linking propensities of cations determine the stability of lipopolysaccharide (LPS) membranes. <i>Chemical Communications</i> , 2014, 50, 231-233.	2.2	43
417	<i>Molecular Vaccines</i> , 2014, , .		1
418	Sequence context induced antimicrobial activity: insight into lipopolysaccharide permeabilization. <i>Molecular BioSystems</i> , 2014, 10, 1596-1612.	2.9	30
419	TLR2 and TLR4 signaling pathways are required for recombinant <i>Brucella abortus</i> BCSP31-induced cytokine production, functional upregulation of mouse macrophages, and the Th1 immune response in vivo and in vitro. <i>Cellular and Molecular Immunology</i> , 2014, 11, 477-494.	4.8	52

#	ARTICLE	IF	CITATIONS
420	Negative Regulation of Toll-like Receptor-4 Signaling through the Binding of Glycosylphosphatidylinositol-anchored Glycoprotein, CD14, with the Sialic Acid-binding Lectin, CD33. <i>Journal of Biological Chemistry</i> , 2014, 289, 25341-25350.	1.6	38
421	Alteration in immune responses toward N-deacetylation of hyaluronic acid. <i>Glycobiology</i> , 2014, 24, 1334-1342.	1.3	13
422	Geniposide Plays an Anti-inflammatory Role via Regulating TLR4 and Downstream Signaling Pathways in Lipopolysaccharide-Induced Mastitis in Mice. <i>Inflammation</i> , 2014, 37, 1588-1598.	1.7	80
423	Coexpression of TLR2 or TLR4 with HLA-DR Potentiates the Superantigenic Activities of <i>Mycoplasma arthritidis</i> Derived Mitogen. <i>Journal of Immunology</i> , 2014, 192, 2543-2550.	0.4	11
424	Salmonellae PhoPQ regulation of the outer membrane to resist innate immunity. <i>Current Opinion in Microbiology</i> , 2014, 17, 106-113.	2.3	178
425	Structural basis for lipopolysaccharide insertion in the bacterial outer membrane. <i>Nature</i> , 2014, 511, 108-111.	13.7	221
426	Low-grade inflammation, diet composition and health: current research evidence and its translation. <i>British Journal of Nutrition</i> , 2015, 114, 999-1012.	1.2	600
427	ArnT proteins that catalyze the glycosylation of lipopolysaccharide share common features with bacterial <i>N</i> -oligosaccharyltransferases. <i>Glycobiology</i> , 2016, 26, cwv095.	1.3	16
428	Burkholderia cenocepacia and Salmonella enterica ArnT proteins that transfer 4-amino-4-deoxy-L-arabinose to lipopolysaccharide share membrane topology and functional amino acids. <i>Scientific Reports</i> , 2015, 5, 10773.	1.6	16
429	TLR4 genotype and environmental LPS mediate RSV bronchiolitis through Th2 polarization. <i>Journal of Clinical Investigation</i> , 2015, 125, 571-582.	3.9	103
430	In Vitro evaluation and monitoring of the expression level and localization of aldose reductase using functionalized quantum dots and EGFP. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 800-806.	1.4	1
431	Gene expression profiling of porcine mammary epithelial cells after challenge with <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> in vitro. <i>Veterinary Research</i> , 2015, 46, 50.	1.1	21
432	From the Outside-In: The <i>Francisella tularensis</i> Envelope and Virulence. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 94.	1.8	55
433	SNP Marker Discovery in Koala TLR Genes. <i>PLoS ONE</i> , 2015, 10, e0121068.	1.1	7
434	The CD14 rs2569190 TT Genotype Is Associated with an Improved 30-Day Survival in Patients with Sepsis: A Prospective Observational Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0127761.	1.1	16
435	Immuno-Stimulatory Activity of <i>Escherichia coli</i> Mutants Producing Kdo2-Monophosphoryl-Lipid A or Kdo2-Pentaacyl-Monophosphoryl-Lipid A. <i>PLoS ONE</i> , 2015, 10, e0144714.	1.1	13
436	Nonbilayer Phospholipid Arrangements Are Toll-Like Receptor-2/6 and TLR-4 Agonists and Trigger Inflammation in a Mouse Model Resembling Human Lupus. <i>Journal of Immunology Research</i> , 2015, 2015, 1-15.	0.9	11
437	IFN- γ Priming Effects on the Maintenance of Effector Memory CD4+T Cells and on Phagocyte Function: Evidences from Infectious Diseases. <i>Journal of Immunology Research</i> , 2015, 2015, 1-8.	0.9	23

#	ARTICLE	IF	CITATIONS
438	Enterobacteriaceae. , 2015, , 2503-2517.e5.		17
439	NMR Structures and Interactions of Antimicrobial Peptides with Lipopolysaccharide: Connecting Structures to Functions. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 4-15.	1.0	30
440	Anti-inflammatory effects of benzenediamine derivate FC-98 on sepsis injury in mice via suppression of JNK, NF- κ B and IRF3 signaling pathways. <i>Molecular Immunology</i> , 2015, 67, 183-192.	1.0	13
441	Protective effects of melatonin on lipopolysaccharide-induced mastitis in mice. <i>International Immunopharmacology</i> , 2015, 29, 263-268.	1.7	38
442	Innate immune responses to gut microbiota differ between threespine stickleback populations. <i>DMM Disease Models and Mechanisms</i> , 2015, 9, 187-98.	1.2	58
443	<i>Bordetella pertussis</i> Naturally Occurring Isolates with Altered Lipooligosaccharide Structure Fail To Fully Mature Human Dendritic Cells. <i>Infection and Immunity</i> , 2015, 83, 227-238.	1.0	18
444	A lectin S-domain receptor kinase mediates lipopolysaccharide sensing in <i>Arabidopsis thaliana</i> . <i>Nature Immunology</i> , 2015, 16, 426-433.	7.0	286
445	Immuno-stimulatory activity of a polysaccharide-enriched fraction of <i>Sutherlandia frutescens</i> occurs by the toll-like receptor-4 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2015, 172, 247-253.	2.0	39
446	A Nonapoptotic Role for BAX and BAK in Eicosanoid Metabolism. <i>ACS Chemical Biology</i> , 2015, 10, 1398-1403.	1.6	4
447	The role of the local microbial ecosystem in respiratory health and disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140294.	1.8	215
448	<i>Bacillus amyloliquefaciens</i> supplementation alleviates immunological stress and intestinal damage in lipopolysaccharide-challenged broilers. <i>Animal Feed Science and Technology</i> , 2015, 208, 119-131.	1.1	67
449	The Complex Contributions of Genetics and Nutrition to Immunity in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2015, 11, e1005030.	1.5	93
450	Rapid Functional Decline of Activated and Memory Graft-versus-Host- α Reactive T Cells Encountering Host Antigens in the Absence of Inflammation. <i>Journal of Immunology</i> , 2015, 195, 1282-1292.	0.4	5
451	<i>Bacillus amyloliquefaciens</i> supplementation alleviates immunological stress in lipopolysaccharide-challenged broilers at early age. <i>Poultry Science</i> , 2015, 94, 1504-1511.	1.5	72
452	Non-redundant requirement for CXCR3 signalling during tumoricidal T-cell trafficking across tumour vascular checkpoints. <i>Nature Communications</i> , 2015, 6, 7458.	5.8	383
453	Trametinib, a novel MEK kinase inhibitor, suppresses lipopolysaccharide-induced tumor necrosis factor (TNF)- α production and endotoxin shock. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 667-673.	1.0	41
454	Decreased number of CD14+TLR4+ monocytes and their impaired cytokine responses to lipopolysaccharide in patients with chronic kidney disease. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2015, 35, 206-211.	1.0	7
455	Bacterial recognition pathways that lead to inflammasome activation. <i>Immunological Reviews</i> , 2015, 265, 112-129.	2.8	103

#	ARTICLE	IF	CITATIONS
456	NMR as a Tool to Unveil the Molecular Basis of Glycan-mediated Host-Pathogen Interactions. RSC Drug Discovery Series, 2015, , 21-37.	0.2	1
457	Induction of Antiviral Responses Against Avian Influenza Virus in Embryonated Chicken Eggs with Toll-Like Receptor Ligands. Viral Immunology, 2015, 28, 192-200.	0.6	17
458	The Science of Fatty Acids and Inflammation. Advances in Nutrition, 2015, 6, 293S-301S.	2.9	277
459	Heterologous Expression of 3-O-Deacylase in <i>Acinetobacter baumannii</i> Modulates the Endotoxicity of Lipopolysaccharide. Journal of Molecular Microbiology and Biotechnology, 2015, 25, 37-44.	1.0	4
460	Effect of phenolic glycolipids from <i>Mycobacterium kansasii</i> on proinflammatory cytokine release. A structure-activity relationship study. Chemical Science, 2015, 6, 3161-3172.	3.7	18
461	Poly (ADP-ribose) polymerase-1 inhibitor, 3-aminobenzamide pretreatment ameliorates lipopolysaccharide-induced neurobehavioral and neurochemical anomalies in mice. Pharmacology Biochemistry and Behavior, 2015, 133, 83-91.	1.3	22
462	Controversial Role of Toll-like Receptor 4 in Adult Stem Cells. Stem Cell Reviews and Reports, 2015, 11, 621-634.	5.6	40
463	On the translocation of bacteria and their lipopolysaccharides between blood and peripheral locations in chronic, inflammatory diseases: the central roles of LPS and LPS-induced cell death. Integrative Biology (United Kingdom), 2015, 7, 1339-1377.	0.6	140
464	Structural Basis for Antibody Recognition of Lipid A. Journal of Biological Chemistry, 2015, 290, 19629-19640.	1.6	11
465	Concurrent host-pathogen gene expression in the lungs of pigs challenged with <i>Actinobacillus pleuropneumoniae</i> . BMC Genomics, 2015, 16, 417.	1.2	36
466	Chronic obstructive pulmonary disease and asthma-associated Proteobacteria, but not commensal <i>Prevotella</i> spp., promote T cell-like receptor 2-independent lung inflammation and pathology. Immunology, 2015, 144, 333-342.	2.0	144
467	Leptospira and Leptospirosis. , 2015, , 1973-1990.		6
468	Genetic polymorphisms of innate and adaptive immunity as predictors of outcome in critically ill patients. Immunobiology, 2015, 220, 414-421.	0.8	14
469	Presepsin (sCD14-ST) secretion and kinetics by peripheral blood mononuclear cells and monocytic THP-1 cell line. Annales De Biologie Clinique, 2016, 74, 93-97.	0.2	21
470	Environmental Toxicants-Induced Immune Responses in the Olfactory Mucosa. Frontiers in Immunology, 2016, 7, 475.	2.2	49
471	Critical Roles of Kupffer Cells in the Pathogenesis of Alcoholic Liver Disease: From Basic Science to Clinical Trials. Frontiers in Immunology, 2016, 7, 538.	2.2	90
472	Mucosal Prevalence and Interactions with the Epithelium Indicate Commensalism of <i>Sutterella</i> spp.. Frontiers in Microbiology, 2016, 7, 1706.	1.5	214
473	Bacterial Human Virulence Genes across Diverse Habitats As Assessed by In silico Analysis of Environmental Metagenomes. Frontiers in Microbiology, 2016, 7, 1712.	1.5	13

#	ARTICLE	IF	CITATIONS
474	Immune Sensing of Lipopolysaccharide in Plants and Animals: Same but Different. <i>PLoS Pathogens</i> , 2016, 12, e1005596.	2.1	69
475	Dietary palygorskite supplementation improves immunity, oxidative status, intestinal integrity, and barrier function of broilers at early age. <i>Animal Feed Science and Technology</i> , 2016, 219, 200-209.	1.1	32
477	Intestinal cell damage and systemic immune activation in individuals reporting sensitivity to wheat in the absence of coeliac disease. <i>Gut</i> , 2016, 65, 1930-1937.	6.1	193
478	Evolutionary divergence and comparative homology modeling analysis of LpxC enzyme from human pathogenic bacteria. , 2016, , .		0
479	Both systemic and local lipopolysaccharide (LPS) burden are associated with knee OA severity and inflammation. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 1769-1775.	0.6	165
480	Synthetic high-density lipoprotein-like nanoparticles potently inhibit cell signaling and production of inflammatory mediators induced by lipopolysaccharide binding Toll-like receptor 4. <i>Biomaterials</i> , 2016, 100, 67-75.	5.7	62
481	Mesencephalic astrocyte-derived neurotrophic factor attenuates inflammatory responses in lipopolysaccharide-induced neural stem cells by regulating NF- κ B and phosphorylation of p38-MAPKs pathways. <i>Immunopharmacology and Immunotoxicology</i> , 2016, 38, 205-213.	1.1	32
482	Lentinan ameliorates burn sepsis by attenuating CD4 + CD25 + Tregs. <i>Burns</i> , 2016, 42, 1513-1521.	1.1	8
483	Protective effect of liquiritigenin on depressive-like behavior in mice after lipopolysaccharide administration. <i>Psychiatry Research</i> , 2016, 240, 131-136.	1.7	17
484	Serotype O:8 isolates in the <i>Yersinia pseudotuberculosis</i> complex have different O-antigen gene clusters and produce various forms of rough LPS. <i>Innate Immunity</i> , 2016, 22, 205-217.	1.1	4
485	The Combining Sites of Anti-lipid A Antibodies Reveal a Widely Utilized Motif Specific for Negatively Charged Groups. <i>Journal of Biological Chemistry</i> , 2016, 291, 10104-10118.	1.6	8
486	GSK621 activates AMPK signaling to inhibit LPS-induced TNF α production. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 289-295.	1.0	16
487	VEGF Requires the Receptor NRP-1 To Inhibit Lipopolysaccharide-Dependent Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2016, 197, 3927-3935.	0.4	43
488	Characterization of complex, heterogeneous lipid A samples using HPLC-MS/MS technique I. Overall analysis with respect to acylation, phosphorylation and isobaric distribution. <i>Journal of Mass Spectrometry</i> , 2016, 51, 1043-1063.	0.7	20
489	A <i>Pseudomonas aeruginosa</i> hepta-acylated lipid A variant associated with cystic fibrosis selectively activates human neutrophils. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1047-1059.	1.5	25
490	Casticin inhibits lipopolysaccharide-induced acute lung injury in mice. <i>European Journal of Pharmacology</i> , 2016, 789, 172-178.	1.7	20
491	Crystal structure and activity of <i>Francisella novicida</i> UDP-N-acetylglucosamine acyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1223-1229.	1.0	2
492	Identification of Two Genes Encoding for the Late Acyltransferases of Lipid A in <i>Klebsiella pneumoniae</i> . <i>Current Microbiology</i> , 2016, 73, 732-738.	1.0	8

#	ARTICLE	IF	CITATIONS
493	Particulate β -glucans synergistically activate TLR4 and Dectin-1 in human dendritic cells. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2514-2522.	1.5	49
494	GR-independent down-modulation on GM-CSF bone marrow-derived dendritic cells by the selective glucocorticoid receptor modulator Compound A. <i>Scientific Reports</i> , 2016, 6, 36646.	1.6	7
495	<i>Bartonella quintana</i> lipopolysaccharide (LPS): structure and characteristics of a potent TLR4 antagonist for in-vitro and in-vivo applications. <i>Scientific Reports</i> , 2016, 6, 34221.	1.6	39
496	Principle and Biological Properties of Sulfated Polysaccharides from Seaweed. , 2016, , 105-138.		0
497	Lipopolysaccharide-induced cytokine expression pattern in peripheral blood mononuclear cells in childhood obesity. <i>Molecular Medicine Reports</i> , 2016, 14, 5281-5287.	1.1	6
498	Linking Gut Microbiota and Inflammation to Obesity and Insulin Resistance. <i>Physiology</i> , 2016, 31, 283-293.	1.6	463
499	Immuno-modulating properties of saliphenylhalamide, SNS-032, obatoclax, and gemcitabine. <i>Antiviral Research</i> , 2016, 126, 69-80.	1.9	16
500	Differences in human gingival and dermal fibroblasts may contribute to oral-induced tolerance against nickel. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1202-1205.e3.	1.5	10
501	A pharmacometabonomic approach using predose serum metabolite profiles reveals differences in lipid metabolism in survival and non-survival rats treated with lipopolysaccharide. <i>Metabolomics</i> , 2016, 12, 1.	1.4	20
502	Sensing Gram-negative bacteria: a phylogenetic perspective. <i>Current Opinion in Immunology</i> , 2016, 38, 8-17.	2.4	51
503	Chitosan nanoparticles reduce LPS-induced inflammatory reaction via inhibition of NF- κ B pathway in Caco-2 cells. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 848-856.	3.6	66
504	Suppression of Hepatic Inflammation via Systemic siRNA Delivery by Membrane-Disruptive and Endosomolytic Helical Polypeptide Hybrid Nanoparticles. <i>ACS Nano</i> , 2016, 10, 1859-1870.	7.3	107
505	Anti-inflammatory effects of royal poinciana through inhibition of toll-like receptor 4 signaling pathway. <i>International Immunopharmacology</i> , 2016, 34, 199-211.	1.7	21
506	Tissue damage negatively regulates LPS-induced macrophage necroptosis. <i>Cell Death and Differentiation</i> , 2016, 23, 1428-1447.	5.0	63
507	Possible mechanisms of <i>Pseudomonas aeruginosa</i> -associated lung disease. <i>International Journal of Medical Microbiology</i> , 2016, 306, 20-28.	1.5	29
508	LYATK1 potently inhibits LPS-mediated pro-inflammatory response. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 1-8.	1.0	11
509	Inhibition of lipopolysaccharide induced acute inflammation in lung by chlorination. <i>Journal of Hazardous Materials</i> , 2016, 303, 131-136.	6.5	16
510	Edaravone abrogates LPS-induced behavioral anomalies, neuroinflammation and PARP-1. <i>Physiology and Behavior</i> , 2016, 154, 135-144.	1.0	23

#	ARTICLE	IF	CITATIONS
511	Structure activity characterization of Bordetella petrii lipid A, from environment to human isolates. Biochimie, 2016, 120, 87-95.	1.3	6
512	Life sciences today and tomorrow: emerging biotechnologies. Critical Reviews in Biotechnology, 2017, 37, 553-565.	5.1	3
513	Bacterial Signaling to the Nervous System through Toxins and Metabolites. Journal of Molecular Biology, 2017, 429, 587-605.	2.0	118
514	Spirulina lipopolysaccharides inhibit tumor growth in a Toll-like receptor 4-dependent manner by altering the cytokine milieu from interleukin-17/interleukin-23 to interferon- γ . Oncology Reports, 2017, 37, 684-694.	1.2	28
515	Lipid A structural modifications in extreme conditions and identification of unique modifying enzymes to define the Toll-like receptor 4 structure-activity relationship. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1439-1450.	1.2	43
516	The Potential Role of Gut-Derived Inflammation in Multiple System Atrophy. Journal of Parkinson's Disease, 2017, 7, 331-346.	1.5	68
517	Molecules in pain and sex: a developing story. Molecular Brain, 2017, 10, 9.	1.3	81
518	LL-37-derived membrane-active FK-13 analogs possessing cell selectivity, anti-biofilm activity and synergy with chloramphenicol and anti-inflammatory activity. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 722-733.	1.4	74
520	Curcumin Protects Against Intestinal Origin Endotoxemia in Rat Liver Cirrhosis by Targeting PCSK9. Journal of Food Science, 2017, 82, 772-780.	1.5	30
521	Plasmatic presepsin (sCD14-ST) concentrations in acute pyelonephritis in adult patients. Clinica Chimica Acta, 2017, 464, 182-188.	0.5	15
522	Sevoflurane Abolishes Oxygenation Impairment in a Long-Term Rat Model of Acute Lung Injury. Anesthesia and Analgesia, 2017, 124, 194-203.	1.1	21
523	Non-coeliac gluten sensitivity: A review of the literature. Trends in Food Science and Technology, 2017, 66, 84-92.	7.8	27
524	Multistaged Nanovaccines Based on Porous Silicon@Acetalated Dextran@Cancer Cell Membrane for Cancer Immunotherapy. Advanced Materials, 2017, 29, 1603239.	11.1	144
525	Quantitative single-molecule imaging of TLR4 reveals ligand-specific receptor dimerization. Science Signaling, 2017, 10, .	1.6	71
526	Effects of cathelicidin-derived peptide from reptiles on lipopolysaccharide-induced intestinal inflammation in weaned piglets. Veterinary Immunology and Immunopathology, 2017, 192, 41-53.	0.5	17
528	Probing the sRNA regulatory landscape of <i>P. aeruginosa</i> : post-transcriptional control of determinants of pathogenicity and antibiotic susceptibility. Molecular Microbiology, 2017, 106, 919-937.	1.2	91
529	Functional Changes in the Gut Microbiome Contribute to Transforming Growth Factor β 2-Deficient Colon Cancer. MSystems, 2017, 2, .	1.7	48
530	Polyspecificity of Anti-lipid A Antibodies and Its Relevance to the Development of Autoimmunity. Advances in Experimental Medicine and Biology, 2017, 966, 181-202.	0.8	4

#	ARTICLE	IF	CITATIONS
531	Temporal changes in innate immunity parameters, epinecidin gene expression, and mortality in orange-spotted grouper, <i>Epinephelus coioides</i> experimentally infected with a fish pathogen, <i>Vibrio harveyi</i> JML1. <i>Fish and Shellfish Immunology</i> , 2017, 69, 153-163.	1.6	8
532	Comparative evaluation of microbial translocation products (LPS, sCD14, IgM Endocab) in HIV-1 infected Indian individuals. <i>Microbial Pathogenesis</i> , 2017, 111, 331-337.	1.3	9
533	Host-based lipid inflammation drives pathogenesis in <i>Francisella</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12596-12601.	3.3	33
534	Molecular cloning and characterization of LrTLR4, analysis of its inductive expression and associated down-stream signaling molecules following lipopolysaccharide stimulation and Gram-negative bacterial infection. <i>Fish and Shellfish Immunology</i> , 2017, 60, 164-176.	1.6	26
535	Analysis of apolipoprotein genes and their involvement in disease response of channel catfish after bacterial infection. <i>Developmental and Comparative Immunology</i> , 2017, 67, 464-470.	1.0	31
536	Berberine inhibits the LPS-induced proliferation and inflammatory response of stromal cells of adenomyosis tissues mediated by the LPS/TLR4 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 6125-6130.	0.8	9
537	Bacterial lipids: powerful modifiers of the innate immune response. <i>F1000Research</i> , 2017, 6, 1334.	0.8	77
538	Immune-Stimulatory Effects of <i>Althaea rosea</i> Flower Extracts through the MAPK Signaling Pathway in RAW264.7 Cells. <i>Molecules</i> , 2017, 22, 679.	1.7	21
539	Essential Role for Ethanolamine Plasmalogen Hydrolysis in Bacterial Lipopolysaccharide Priming of Macrophages for Enhanced Arachidonic Acid Release. <i>Frontiers in Immunology</i> , 2017, 8, 1251.	2.2	25
540	DM9 Domain Containing Protein Functions As a Pattern Recognition Receptor with Broad Microbial Recognition Spectrum. <i>Frontiers in Immunology</i> , 2017, 8, 1607.	2.2	43
541	Indirubin Treatment of Lipopolysaccharide-Induced Mastitis in a Mouse Model and Activity in Mouse Mammary Epithelial Cells. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	1.4	23
542	The Alteration of Nasopharyngeal and Oropharyngeal Microbiota in Children with MPP and Non-MPP. <i>Genes</i> , 2017, 8, 380.	1.0	16
543	Consequences of lipopolysaccharide and n-3 polyunsaturated fatty acid administration on aortic function of spontaneously hypertensive rats. <i>General Physiology and Biophysics</i> , 2017, 36, 353-359.	0.4	1
544	Araliasaponin II isolated from leaves of <i>Acanthopanax henryi</i> (Oliv.) Harms inhibits inflammation by modulating the expression of inflammatory markers in murine macrophages. <i>Molecular Medicine Reports</i> , 2017, 16, 857-864.	1.1	8
545	Polysaccharide from black currant (<i>Ribes nigrum</i> L.) stimulates dendritic cells through TLR4 signaling. <i>Bioscience of Microbiota, Food and Health</i> , 2017, 36, 141-145.	0.8	3
546	Modulation of innate and adaptive immune responses by arabinoxylans. <i>Journal of Food Biochemistry</i> , 2018, 42, e12473.	1.2	13
547	Multicentric study on the efficacy and tolerability of <i>Streptococcus salivarius</i> 24SMB and <i>Streptococcus oralis</i> 89a in respiratory tract infections. <i>Romanian Journal of Rhinology</i> , 2018, 8, 33-37.	0.1	0
548	Secretion of recombinant proteins from <i>E. coli</i> . <i>Engineering in Life Sciences</i> , 2018, 18, 532-550.	2.0	72

#	ARTICLE	IF	CITATIONS
549	Dietary modulation of endogenous host defense peptide synthesis as an alternative approach to in-feed antibiotics. <i>Animal Nutrition</i> , 2018, 4, 160-169.	2.1	41
550	Cryptotanshinone inhibits prostaglandin E2 production and COX-2 expression via suppression of TLR4/NF- κ B signaling pathway in LPS-stimulated Caco-2 cells. <i>Microbial Pathogenesis</i> , 2018, 116, 313-317.	1.3	23
551	New virulence factor CSK29544_02616 as LpxA binding partner in <i>Cronobacter sakazakii</i> . <i>Scientific Reports</i> , 2018, 8, 835.	1.6	5
552	Arabinoxylans from rice bran and wheat immunomodulatory potentials: a review article. <i>Nutrition and Food Science</i> , 2018, 48, 97-110.	0.4	10
553	Vaccine development targeting lipopolysaccharide structure modification. <i>Microbes and Infection</i> , 2018, 20, 455-460.	1.0	9
554	<i>Salmonella</i> Vaccines: Conduits for Protective Antigens. <i>Journal of Immunology</i> , 2018, 200, 39-48.	0.4	46
555	Recent progress in the discovery of myeloid differentiation 2 (MD2) modulators for inflammatory diseases. <i>Drug Discovery Today</i> , 2018, 23, 1187-1202.	3.2	35
556	Atomistic Scale Effects of Lipopolysaccharide Modifications on Bacterial Outer Membrane Defenses. <i>Biophysical Journal</i> , 2018, 114, 1389-1399.	0.2	39
557	Skeletal muscle cells actively shape (auto)immune responses. <i>Autoimmunity Reviews</i> , 2018, 17, 518-529.	2.5	74
558	Clozapine reduces Toll-like receptor 4/NF- κ B-mediated inflammatory responses through inhibition of calcium/calmodulin-dependent Akt activation in microglia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 477-487.	2.5	33
559	Progress in the synthesis and biological evaluation of lipid A and its derivatives. <i>Medicinal Research Reviews</i> , 2018, 38, 556-601.	5.0	33
560	Os<sc>CERK</sc> 1 plays a crucial role in the lipopolysaccharide-induced immune response of rice. <i>New Phytologist</i> , 2018, 217, 1042-1049.	3.5	60
561	Role of a fluid-phase PRR in fighting an intracellular pathogen: PTX3 in <i>Shigella</i> infection. <i>PLoS Pathogens</i> , 2018, 14, e1007469.	2.1	16
562	Effects of <i>Christensenella minuta</i> lipopolysaccharide on RAW 264.7 macrophages activation. <i>Microbial Pathogenesis</i> , 2018, 125, 411-417.	1.3	20
563	Supplemented Alkaline Phosphatase Supports the Immune Response in Patients Undergoing Cardiac Surgery: Clinical and Computational Evidence. <i>Frontiers in Immunology</i> , 2018, 9, 2342.	2.2	24
564	Evolution and species-specific conservation of toll-like receptors in terrestrial vertebrates. <i>International Reviews of Immunology</i> , 2018, 37, 217-228.	1.5	19
565	Bradyrhizobium Lipid A: Immunological Properties and Molecular Basis of Its Binding to the Myeloid Differentiation Protein-2/Toll-Like Receptor 4 Complex. <i>Frontiers in Immunology</i> , 2018, 9, 1888.	2.2	9
566	Nutritional and Health Profile of Goat Products: Focus on Health Benefits of Goat Milk. , 2018, , .		16

#	ARTICLE	IF	CITATIONS
567	Dietary l-threonine supplementation attenuates lipopolysaccharide-induced inflammatory responses and intestinal barrier damage of broiler chickens at an early age. <i>British Journal of Nutrition</i> , 2018, 119, 1254-1262.	1.2	84
568	The concordance between upper and lower respiratory microbiota in children with <i>Mycoplasma pneumoniae</i> pneumonia. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	3.0	29
569	Lipopolysaccharide-mediated inflammatory priming potentiates painful post-traumatic trigeminal neuropathy. <i>Physiology and Behavior</i> , 2018, 194, 497-504.	1.0	12
570	Cardiovascular Outcomes in Persons With HIV and Heart Failure. <i>Journal of the American College of Cardiology</i> , 2018, 72, 531-533.	1.2	1
571	Anti-inflammatory effects of <i>Phyllanthus amarus</i> Schum. & Thonn. through inhibition of NF- κ B, MAPK, and PI3K-Akt signaling pathways in LPS-induced human macrophages. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 224.	3.7	67
572	Unfractionated Heparin Modulates Lipopolysaccharide-Induced Cytokine Production by Different Signaling Pathways in THP-1 Cells. <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 283-289.	0.5	5
573	Microbiota Composition in Upper Respiratory Tracts of Healthy Children in Shenzhen, China, Differed with Respiratory Sites and Ages. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	40
574	The abundance of urban endotoxins as measured with an impinger-based sampling strategy. <i>Aerobiologia</i> , 2018, 34, 487-496.	0.7	1
575	Sepsis-Induced Acute Kidney Injury. , 2018, , 128-146.		0
576	<i>Stenotrophomonas maltophilia</i> mutant lacking flagella remains virulent in DBA/2N mice but is less efficient in stimulating TNF- α expression. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	3
577	Detection of Inflammasome Activation and Pyroptotic Cell Death in Murine Bone Marrow-derived Macrophages. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	7
578	Presentation matters: Impact of association of amphiphilic LPS with serum carrier proteins on innate immune signaling. <i>PLoS ONE</i> , 2018, 13, e0198531.	1.1	8
579	Frontline Science: <i>Escherichia coli</i> use LPS as decoy to impair neutrophil chemotaxis and defeat antimicrobial host defense. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1211-1219.	1.5	11
580	An integrated respiratory microbial gene catalogue to better understand the microbial aetiology of <i>Mycoplasma pneumoniae</i> pneumonia. <i>GigaScience</i> , 2019, 8, .	3.3	16
581	Characteristics of biological particulate matters at urban and rural sites in the North China Plain. <i>Environmental Pollution</i> , 2019, 253, 569-577.	3.7	18
582	Pseudoginsenoside-F11 Attenuates Lipopolysaccharide-Induced Acute Lung Injury by Suppressing Neutrophil Infiltration and Accelerating Neutrophil Clearance. <i>Inflammation</i> , 2019, 42, 1857-1868.	1.7	15
583	LIN28B-AS1-IGF2BP1 association is required for LPS-induced NF- κ B activation and pro-inflammatory responses in human macrophages and monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 525-532.	1.0	4
584	RNF144B inhibits LPS-induced inflammatory responses via binding TBK1. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1303-1311.	1.5	11

#	ARTICLE	IF	CITATIONS
585	Altered Fecal Small RNA Profiles in Colorectal Cancer Reflect Gut Microbiome Composition in Stool Samples. <i>MSystems</i> , 2019, 4, .	1.7	59
586	MiR-142a-3p alleviates <i>Escherichia coli</i> derived lipopolysaccharide-induced acute lung injury by targeting TAB2. <i>Microbial Pathogenesis</i> , 2019, 136, 103721.	1.3	18
587	Prokaryotic and Mitochondrial Lipids: A Survey of Evolutionary Origins. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1159, 5-31.	0.8	4
588	Bioactive Ceramides in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	1
589	Structural analysis of a novel lipooligosaccharide (LOS) from <i>Rhodobacter azotoformans</i> . <i>Carbohydrate Research</i> , 2019, 473, 104-114.	1.1	6
590	Leucocyte integrins, but neither caspases nor NLR inflammasome are associated with lipopolysaccharide recognition and response in barramundi (<i>Lates calcarifer</i>). <i>Fish and Shellfish Immunology</i> , 2019, 91, 172-179.	1.6	4
591	Endothelial Cells in the Decidual Bed Are Potential Therapeutic Targets for Preterm Birth Prevention. <i>Cell Reports</i> , 2019, 27, 1755-1768.e4.	2.9	31
592	IGF2BP1 promotes LPS-induced NF κ B activation and pro-inflammatory cytokines production in human macrophages and monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 820-826.	1.0	17
593	Infections and Pancreatic Cancer. , 2019, , 125-133.		0
594	Effects of deoxynivalenol-feed contamination on circulating LPS in pigs. <i>Innate Immunity</i> , 2019, 25, 168-175.	1.1	8
595	Bacteriotherapy with <i>Streptococcus salivarius</i> 24SMB and <i>Streptococcus oralis</i> 89a oral spray for children with recurrent streptococcal pharyngotonsillitis: a randomized placebo-controlled clinical study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 879-887.	0.8	24
596	Preventive effects of <i>Lactobacillus plantarum</i> ST-III against <i>Salmonella</i> infection. <i>LWT - Food Science and Technology</i> , 2019, 105, 200-205.	2.5	10
597	Immunostimulants versus placebo for preventing exacerbations in adults with chronic bronchitis or chronic obstructive pulmonary disease. <i>The Cochrane Library</i> , 2019, , .	1.5	1
598	High Plasma Soluble CD163 During Infancy Is a Marker for Neurocognitive Outcomes in Early-Treated HIV-Infected Children. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 81, 102-109.	0.9	9
599	Microbial translocation revisited. <i>Aids</i> , 2019, 33, 645-653.	1.0	11
600	Fc γ R β deficiency improves survival in experimental sepsis by down-regulating TLR4 signaling pathway. <i>Immunologic Research</i> , 2019, 67, 77-83.	1.3	2
601	Baicalin inhibits IgG production by regulating Treg/Th17 axis in a mouse model of red blood cell transfusion. <i>International Immunopharmacology</i> , 2019, 66, 282-287.	1.7	6
602	Rapid Microbial Identification and Antibiotic Resistance Detection by Mass Spectrometric Analysis of Membrane Lipids. <i>Analytical Chemistry</i> , 2019, 91, 1286-1294.	3.2	39

#	ARTICLE	IF	CITATIONS
603	Requirement of Rab21 in LPS-induced TLR4 signaling and pro-inflammatory responses in macrophages and monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 169-176.	1.0	20
604	The GTPase Rab1 Is Required for NLRP3 Inflammasome Activation and Inflammatory Lung Injury. <i>Journal of Immunology</i> , 2019, 202, 194-206.	0.4	32
605	Molecular recognition of lipopolysaccharide by the lantibiotic nisin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 83-92.	1.4	13
606	Modulation of 5-fluorouracil activation of toll-like/MyD88/NF- κ B/MAPK pathway by <i>Saccharomyces boulardii</i> CNCM I-745 probiotic. <i>Cytokine</i> , 2020, 125, 154791.	1.4	25
607	MMP9 protects against LPS-induced inflammation in osteoblasts. <i>Innate Immunity</i> , 2020, 26, 259-269.	1.1	41
608	Attenuated Salmonella for Oral Immunization. , 2020, , 383-399.		0
609	Structure and function of lipid A-modifying enzymes. <i>Annals of the New York Academy of Sciences</i> , 2020, 1459, 19-37.	1.8	27
610	Contribution of antibiotics to the fate of antibiotic resistance genes in anaerobic treatment processes of swine wastewater: A review. <i>Bioresource Technology</i> , 2020, 299, 122654.	4.8	57
611	Synthesis and immunostimulatory activity of sugar-conjugated TLR7 ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126840.	1.0	3
612	Protective effect of triterpenes of <i>Ganoderma lucidum</i> on lipopolysaccharide-induced inflammatory responses and acute liver injury. <i>Cytokine</i> , 2020, 127, 154917.	1.4	28
613	Extra Virgin Olive Oil and <i>Nigella sativa</i> Oil Produced in Central Italy: A Comparison of the Nutrigenomic Effects of Two Mediterranean Oils in a Low-Grade Inflammation Model. <i>Antioxidants</i> , 2020, 9, 20.	2.2	21
614	Dietary supplementation with <i>Artemisia argyi</i> extract on inflammatory mediators and antioxidant capacity in broilers challenged with lipopolysaccharide. <i>Italian Journal of Animal Science</i> , 2020, 19, 1091-1098.	0.8	13
615	Fructose contributes to the Warburg effect for cancer growth. <i>Cancer & Metabolism</i> , 2020, 8, 16.	2.4	76
616	TLR4 896A/G and TLR9 1174G/A polymorphisms are associated with the risk of infectious mononucleosis. <i>Scientific Reports</i> , 2020, 10, 13154.	1.6	18
617	Pairing <i>Bacteroides vulgatus</i> LPS Structure with Its Immunomodulatory Effects on Human Cellular Models. <i>ACS Central Science</i> , 2020, 6, 1602-1616.	5.3	55
618	Early evolutionary loss of the lipid A modifying enzyme PagP resulting in innate immune evasion in <i>Yersinia pestis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22984-22991.	3.3	22
619	Anti-inflammatory activities of puerarin in high-fat diet-fed rats with streptozotocin-induced gestational diabetes mellitus. <i>Molecular Biology Reports</i> , 2020, 47, 7537-7546.	1.0	27
620	On-Tissue Derivatization of Lipopolysaccharide for Detection of Lipid A Using MALDI-MSI. <i>Analytical Chemistry</i> , 2020, 92, 13667-13671.	3.2	15

#	ARTICLE	IF	CITATIONS
621	The two-component system, BasSR, is involved in the regulation of biofilm and virulence in avian pathogenic <i>Escherichia coli</i> . <i>Avian Pathology</i> , 2020, 49, 532-546.	0.8	12
622	Diet Rich in Simple Sugars Promotes Pro-Inflammatory Response via Gut Microbiota Alteration and TLR4 Signaling. <i>Cells</i> , 2020, 9, 2701.	1.8	38
623	The Impact of Nanoparticles on Innate Immune Activation by Live Bacteria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9695.	1.8	19
624	Susceptibility Factors in Chronic Lung Inflammatory Responses to Engineered Nanomaterials. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7310.	1.8	9
625	Control of <i>Francisella tularensis</i> Virulence at Gene Level: Network of Transcription Factors. <i>Microorganisms</i> , 2020, 8, 1622.	1.6	7
626	Immunological regulatory effect of flavonoid baicalin on innate immune toll-like receptors. <i>Pharmacological Research</i> , 2020, 158, 104890.	3.1	30
627	Gastrointestinal dysfunction in the critically ill: a systematic scoping review and research agenda proposed by the Section of Metabolism, Endocrinology and Nutrition of the European Society of Intensive Care Medicine. <i>Critical Care</i> , 2020, 24, 224.	2.5	96
628	Health beneficial effects of resistant starch on diabetes and obesity <i>via</i> regulation of gut microbiota: a review. <i>Food and Function</i> , 2020, 11, 5749-5767.	2.1	45
629	Enriched LPS Staining within the Germinal Center of a Lymph Node from an HIV-Infected Long-Term Nonprogressor but Not from Progressors. <i>Journal of Immunology Research</i> , 2020, 2020, 1-5.	0.9	2
630	Role of the lipid bilayer in outer membrane protein folding in Gram-negative bacteria. <i>Journal of Biological Chemistry</i> , 2020, 295, 10340-10367.	1.6	88
631	Lipopolysaccharide Simulations Are Sensitive to Phosphate Charge and Ion Parameterization. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 1806-1815.	2.3	10
632	Modulation of bone turnover aberration: A target for management of primary osteoporosis in experimental rat model. <i>Heliyon</i> , 2020, 6, e03341.	1.4	9
633	Coevolution of Resistance Against Antimicrobial Peptides. <i>Microbial Drug Resistance</i> , 2020, 26, 880-899.	0.9	13
634	TLR4/MyD88/NF- κ B-Mediated Inflammation Contributes to Cardiac Dysfunction in Rats of PTSD. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 1029-1035.	1.7	32
635	Excess palmitate induces decidual stromal cell apoptosis via the TLR4/JNK/NF- κ B pathways and possibly through glutamine oxidation. <i>Molecular Human Reproduction</i> , 2020, 26, 88-100.	1.3	5
636	Glycine significantly enhances bacterial membrane vesicle production: a powerful approach for isolation of LPS-reduced membrane vesicles of probiotic <i>Escherichia coli</i>. <i>Microbial Biotechnology</i> , 2020, 13, 1162-1178.	2.0	31
637	TLR4-MyD88 signaling pathway is responsible for acute lung inflammation induced by reclaimed water. <i>Journal of Hazardous Materials</i> , 2020, 396, 122586.	6.5	12
638	Octominin Inhibits LPS-Induced Chemokine and Pro-inflammatory Cytokine Secretion from RAW 264.7 Macrophages via Blocking TLRs/NF- κ B Signal Transduction. <i>Biomolecules</i> , 2020, 10, 511.	1.8	23

#	ARTICLE	IF	CITATIONS
639	A Critical Role of Formyl Peptide Receptors in Host Defense against <i>Escherichia coli</i> . <i>Journal of Immunology</i> , 2020, 204, 2464-2473.	0.4	17
640	Aggregation of Lipid A Variants: A Hybrid Particle-Field Model. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129570.	1.1	15
641	A role for intestinal alkaline phosphatase in preventing liver fibrosis. <i>Theranostics</i> , 2021, 11, 14-26.	4.6	30
642	The effect of early probiotic exposure on the preterm infant gut microbiome development. <i>Gut Microbes</i> , 2021, 13, 1951113.	4.3	26
643	Protective Effect of Mitochondria-Targeted Antioxidants against Inflammatory Response to Lipopolysaccharide Challenge: A Review. <i>Pharmaceutics</i> , 2021, 13, 144.	2.0	25
644	Oxidative stress indicators in human and bottlenose dolphin leukocytes in response to a pro-inflammatory challenge. <i>Biocell</i> , 2021, 45, 1621-1630.	0.4	2
645	Donggwaja Suppresses Inflammatory Reaction Via Tumor Necrosis Factor α -induced Protein3 and NF- κ B. <i>Journal of Physiology & Pathology in Korean Medicine</i> , 2021, 35, 15-21.	0.2	0
646	Age-related cognitive decline is associated with microbiota-gut-brain axis disorders and neuroinflammation in mice. <i>Behavioural Brain Research</i> , 2021, 402, 113125.	1.2	37
647	Pathophysiology of reflux oesophagitis: role of Toll-like receptors 2 and 4 and Farnesoid X receptor. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 479, 285-293.	1.4	4
648	Analyses of Lipid A Diversity in Gram-Negative Intestinal Bacteria Using Liquid Chromatography-Quadrupole Time-of-Flight Mass Spectrometry. <i>Metabolites</i> , 2021, 11, 197.	1.3	7
649	Highly homogeneous microbial communities dominated by <i>Mycoplasma pneumoniae</i> instead of increased resistance to macrolide antibiotics is the characteristic of lower respiratory tract microbiome of children with refractory <i>Mycoplasma pneumoniae</i> pneumonia. <i>Translational Pediatrics</i> , 2021, 10, 604-615.	0.5	6
650	Dehydroepiandrosterone attenuates LPS-induced inflammatory responses via activation of Nrf2 in RAW264.7 macrophages. <i>Molecular Immunology</i> , 2021, 131, 97-111.	1.0	13
651	Reticulocalbin 3 deficiency in alveolar epithelium attenuated LPS-induced ALI via NF- κ B signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L627-L639.	1.3	9
652	Antimicrobial peptide temporin-1CEa isolated from frog skin secretions inhibits the proinflammatory response in lipopolysaccharide-stimulated RAW264.7 murine macrophages through the MyD88-dependent signaling pathway. <i>Molecular Immunology</i> , 2021, 132, 227-235.	1.0	15
653	Microbiome and osteoarthritis: New insights from animal and human studies. <i>International Journal of Rheumatic Diseases</i> , 2021, 24, 984-1003.	0.9	6
654	Targeting the Gut Microbiota for Remediating Obesity and Related Metabolic Disorders. <i>Journal of Nutrition</i> , 2021, 151, 1703-1716.	1.3	7
655	Interactions between <i>Salmonella</i> and host macrophages - Dissecting NF- κ B signaling pathway responses. <i>Microbial Pathogenesis</i> , 2021, 154, 104846.	1.3	9
656	Lipid A Structural Divergence in <i>Rickettsia</i> Pathogens. <i>MSphere</i> , 2021, 6, .	1.3	11

#	ARTICLE	IF	CITATIONS
657	Differential response induced by LPS and MPLA in immunocompetent and septic individuals. <i>Clinical Immunology</i> , 2021, 226, 108714.	1.4	9
658	Methylglyoxal Drives a Distinct, Nonclassical Macrophage Activation Status. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1464-1475.	1.8	4
659	miR-140-5p Overexpression Protects Against Lipopolysaccharide-Induced Necrotizing Pneumonia via Targeting Toll-Like Receptor 4. <i>Cellular and Molecular Bioengineering</i> , 2021, 14, 339-348.	1.0	4
660	Gut Microbiota Dysbiosis Strengthens Kupffer Cell-mediated Hepatitis B Virus Persistence through Inducing Endotoxemia in Mice. <i>Journal of Clinical and Translational Hepatology</i> , 2022, 10, 17-25.	0.7	6
661	Apios Americana Medicus: A potential staple food candidate with versatile bioactivities. <i>Trends in Food Science and Technology</i> , 2021, 112, 735-752.	7.8	8
662	Convergence of cytokine dysregulation and antibody deficiency in common variable immunodeficiency with inflammatory complications. <i>Journal of Allergy and Clinical Immunology</i> , 2021, , .	1.5	13
663	Swine Inflammation and Necrosis Syndrome (SINS). <i>Animals</i> , 2021, 11, 1670.	1.0	10
664	CD8 ⁺ tissue-resident memory T cells recruit neutrophils that are essential for flare-ups in contact dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 513-524.	2.7	22
665	Small RNA mediated gradual control of lipopolysaccharide biosynthesis affects antibiotic resistance in <i>Helicobacter pylori</i> . <i>Nature Communications</i> , 2021, 12, 4433.	5.8	14
666	Formosanin C attenuates lipopolysaccharide-induced inflammation through nuclear factor- κ B inhibition in macrophages. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 395-401.	0.6	5
667	Myrtenol alleviates oxidative stress and inflammation in diabetic pregnant rats via TLR4/MyD88/NF- κ B signaling pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22904.	1.4	11
668	Berberine administrated with different routes attenuates inhaled LPS-induced acute respiratory distress syndrome through TLR4/NF- κ B and JAK2/STAT3 inhibition. <i>European Journal of Pharmacology</i> , 2021, 908, 174349.	1.7	14
669	TLR4 biased small molecule modulators. , 2021, 228, 107918.		29
670	The mitochondrial protein ERAL1 suppresses RNA virus infection by facilitating RIG-I-like receptor signaling. <i>Cell Reports</i> , 2021, 34, 108631.	2.9	24
671	Quantifying Receptor-Mediated and to in Immune Cells. <i>Methods in Molecular Biology</i> , 2021, 2260, 155-178.	0.4	0
672	An electroporation strategy to synthesize the membrane-coated nanoparticles for enhanced anti-inflammation therapy in bone infection. <i>Theranostics</i> , 2021, 11, 2349-2363.	4.6	36
673	Host-Microbe Communication within the GI Tract. <i>Advances in Experimental Medicine and Biology</i> , 2008, 635, 93-101.	0.8	23
674	Host-Microbe Symbiosis: The Squid-Vibrio Association—A Naturally Occurring, Experimental Model of Animal/Bacterial Partnerships. <i>Advances in Experimental Medicine and Biology</i> , 2008, 635, 102-112.	0.8	42

#	ARTICLE	IF	CITATIONS
675	The Intestinal Epithelium: The Interface Between Host and Pathogen. , 2008, , 3-22.		2
676	Molecular and Cellular Aspects of Macrophage Aging. , 2009, , 919-945.		12
677	Conclusion. Advances in Experimental Medicine and Biology, 2009, 667, 133-134.	0.8	1
678	Macrophages: First Innate Immune Responders to Nanomaterials. Molecular and Integrative Toxicology, 2020, , 15-34.	0.5	5
682	Enterobacteriaceae. , 2010, , 2815-2833.		14
683	Innate (General or Nonspecific) Host Defense Mechanisms. , 2015, , 26-33.e2.		4
684	The toll-like receptor-4 (TLR-4) pathway and its possible role in the pathogenesis of <i>Escherichia coli</i> mastitis in dairy cattle. Veterinary Research, 2008, 39, 05.	1.1	63
685	Antibiotic resistance in <i>Pseudomonas aeruginosa</i> and adaptation to complex dynamic environments. Microbial Genomics, 2020, 6, .	1.0	14
686	Residual endotoxin induces primary graft dysfunction through ischemia-reperfusion-primed alveolar macrophages. Journal of Clinical Investigation, 2020, 130, 4456-4469.	3.9	13
687	The function of heme-regulated eIF2 α kinase in murine iron homeostasis and macrophage maturation. Journal of Clinical Investigation, 2007, 117, 3296-3305.	3.9	81
688	Biofilm Induced Tolerance towards Antimicrobial Peptides. PLoS ONE, 2008, 3, e1891.	1.1	64
689	The Danger Is Growing! A New Paradigm for Immune System Activation and Peripheral Tolerance. PLoS ONE, 2009, 4, e8112.	1.1	8
690	<i>Pseudomonas aeruginosa</i> Exploits Lipid A and Muropeptides Modification as a Strategy to Lower Innate Immunity during Cystic Fibrosis Lung Infection. PLoS ONE, 2009, 4, e8439.	1.1	116
691	ATF3 Plays a Key Role in Kdo ₂ -Lipid A-Induced TLR4-Dependent Gene Expression via NF- κ B Activation. PLoS ONE, 2010, 5, e14181.	1.1	27
692	Detection of Microbial Translocation in HIV and SIV Infection Using the Limulus Amebocyte Lysate Assay is Masked by Serum and Plasma. PLoS ONE, 2012, 7, e41258.	1.1	29
693	Liposomal Lipopolysaccharide Initiates TRIF-Dependent Signaling Pathway Independent of CD14. PLoS ONE, 2013, 8, e60078.	1.1	39
694	NMR Structure of Temporin-1 Ta in Lipopolysaccharide Micelles: Mechanistic Insight into Inactivation by Outer Membrane. PLoS ONE, 2013, 8, e72718.	1.1	31
695	AS-703026 Inhibits LPS-Induced TNF α Production through MEK/ERK Dependent and Independent Mechanisms. PLoS ONE, 2015, 10, e0137107.	1.1	16

#	ARTICLE	IF	CITATIONS
696	Expression level of human TLR4 rather than sequence is the key determinant of LPS responsiveness. PLoS ONE, 2017, 12, e0186308.	1.1	16
697	Genetic polymorphism of toll-like receptors 4 gene by polymerase chain reaction-restriction fragment length polymorphisms, polymerase chain reaction-single-strand conformational polymorphism to correlate with mastitic cows. Veterinary World, 2015, 8, 615-620.	0.7	7
698	Toll-like Receptor (TLR) and Nucleotide-Binding Oligomerization Domain (NOD) Signaling during Vibrio cholerae Infection. MOJ Immunology, 2015, 2, .	11.0	2
699	Regulation of aicda Expression and AID Activity: Relevance to Somatic Hypermutation and Class Switch DNA Recombination. Critical Reviews in Immunology, 2007, 27, 367-397.	1.0	85
700	Ku70 and Ku80 participate in LPS-induced pro-inflammatory cytokines production in human macrophages and monocytes. Aging, 2020, 12, 20432-20444.	1.4	5
701	miR-135b-5p inhibits LPS-induced TNF α production via silencing AMPK phosphatase Ppm1e. Oncotarget, 2016, 7, 77978-77986.	0.8	34
702	A novel AMPK activator hernandezine inhibits LPS-induced TNF α production. Oncotarget, 2017, 8, 67218-67226.	0.8	8
703	Crosstalk between Platelet and Bacteria: A Therapeutic Prospect. Current Pharmaceutical Design, 2019, 25, 4041-4052.	0.9	10
704	Periodontal Pathogens and Neuropsychiatric Health. Current Topics in Medicinal Chemistry, 2020, 20, 1353-1397.	1.0	11
705	Up-regulation, Enhanced Maturation, and Secretion of Cathepsin E in Mouse Macrophages Treated with Interferon- γ or Lipopolysaccharide. Journal of Oral Biosciences, 2006, 48, 218-225.	0.8	8
706	Using FRET to Study The Interaction Domain of TLR4 Binding to MD-2 in Living Cells*. Progress in Biochemistry and Biophysics, 2009, 36, 1451-1457.	0.3	4
707	Structural modifications of <i>Helicobacter pylori</i> lipopolysaccharide: An idea for how to live in peace. World Journal of Gastroenterology, 2014, 20, 9882.	1.4	47
708	Role of immune response in Yersinia pestis infection. Journal of Infection in Developing Countries, 2011, 5, 628-639.	0.5	20
709	Ganoderma lucidum ethanol extract inhibits the inflammatory response by suppressing the NF- κ B and toll-like receptor pathways in lipopolysaccharide-stimulated BV2 microglial cells. Experimental and Therapeutic Medicine, 2013, 5, 957-963.	0.8	45
710	Human monoclonal anti-TLR4 antibody negatively regulates lipopolysaccharide-induced inflammatory responses in mouse macrophages. Molecular Medicine Reports, 2020, 22, 4125-4134.	1.1	7
711	Characterization of macrophage mutants established by their resistance to LPS and cycloheximide-induced apoptotic cell death. Advances in Bioscience and Biotechnology (Print), 2012, 03, 770-781.	0.3	4
712	Lipopolysaccharide Activates Human Mast Cells To Induce Intestinal Epithelial Barrier Dysfunction. Internet Journal of Gastroenterology, 2005, 4, .	0.3	1
713	Toll-like receptor-4 (TLR-4) expression on polymorphonuclear neutrophil leukocytes during perinatal period of dairy cow. African Journal of Biotechnology, 2013, 12, 2100-2104.	0.3	2

#	ARTICLE	IF	CITATIONS
714	Sequence Characterization and Phylogenetic analysis of TLR4 Gene in Vechur Cattle. Journal of Animal Research, 2017, 7, 243.	0.1	1
715	Undercover Agents of Infection: The Stealth Strategies of T4SS-Equipped Bacterial Pathogens. Toxins, 2021, 13, 713.	1.5	6
717	Toll-like family. British Journal of Pharmacology, 2006, , S132-S133.	2.7	0
718	Lipopolysaccharide in liver disease. , 2009, , 107-120.		0
719	Infection and Sepsis. , 2010, , 239-274.		0
720	Host Neuroendocrine Stress Hormones Driving Bacterial Behaviour and Virulence. Heat Shock Proteins, 2013, , 387-398.	0.2	0
721	Novel mechanism of hepatocyte growth factor against prevention of inflammation and oxidative stress. Inflammation and Regeneration, 2013, 33, 136-142.	1.5	0
722	Factors Controlling Microglial Activation. , 2013, , .		1
723	The role of endothelin-1 and new therapeutic approaches in sepsis and septic shock. Journal of Marmara University Institute of Health Sciences, 2015, , 1.	0.1	1
724	Bacterial Cancer Therapy: How Patients Might Benefit from Salmonella Infections. , 2015, , 335-376.		0
725	Pseudomonas Quinolone Signal Modulates Cystic Fibrosis Epithelial Cell Response through the Toll-Like Receptor 4. SOJ Immunology, 2015, 3, .	0.2	0
726	Adjuvants. , 2016, , 145-163.		0
729	Review article: insights into the bile acid-gut microbiota axis in intestinal failure-associated liver disease-“redefining the treatment approach. Alimentary Pharmacology and Therapeutics, 2022, 55, 49-63.	1.9	4
730	The Protective Effects of Lactobacillus plantarum KLDS 1.0344 on LPS-Induced Mastitis In Vitro and In Vivo. Frontiers in Immunology, 2021, 12, 770822.	2.2	6
731	Effektorreaktionen von angeborener und erworbener Immunität. , 2008, , 137-180.		0
733	Infection systems biology: from reactive to proactive (P4) medicine. International Microbiology, 2012, 15, 55-60.	1.1	12
737	Effect of low doses of lipopolysaccharide prior to ozone exposure on bronchoalveolar lavage: Differences between wild type and surfactant protein A-deficient mice. Pneumon, 2009, 22, 143-155.	2.0	10
738	Hyaluronan regulation of vascular integrity. American Journal of Cardiovascular Disease, 2011, 1, 200-13.	0.5	82

#	ARTICLE	IF	CITATIONS
739	TLR4 and TLR2 expression in biopsy specimens from antral and corporal stomach zones in Helicobacter pylori infections. Reports of Biochemistry and Molecular Biology, 2014, 3, 29-37.	0.5	6
740	CircNFIC Balances Inflammation and Apoptosis by Sponging miR-30e-3p and Regulating DENND1B Expression. Genes, 2021, 12, 1829.	1.0	8
741	Structures and functions of the gut microbial lipidome. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159110.	1.2	4
742	Grape Seed Proanthocyanidins Attenuate LPS-Induced Neuroinflammation Through Microglia Polarization Regulation Via TLR4/MyD88/NF- κ B Signaling Pathway in BV2 Cells. SSRN Electronic Journal, 0, , .	0.4	0
743	Lipopolysaccharide induced altered signaling pathways in various neurological disorders. Naunyn-Schmiedeberg's Archives of Pharmacology, 2022, 395, 285-294.	1.4	15
744	Characteristics of Lung Microbiota in Children's Refractory Mycoplasma pneumoniae Pneumonia Coinfected with Human Adenovirus B. Canadian Journal of Infectious Diseases and Medical Microbiology, 2022, 2022, 1-8.	0.7	4
745	Expression of lncRNAs in response to bacterial infections of goat mammary epithelial cells reveals insights into mammary gland diseases. Microbial Pathogenesis, 2022, 162, 105367.	1.3	9
746	Polysaccharides from edible brown seaweed <i>Undaria pinnatifida</i> are effective against high-fat diet-induced obesity in mice through the modulation of intestinal microecology. Food and Function, 2022, 13, 2581-2593.	2.1	15
747	Total flavonoids from Saussurea involucreta attenuate inflammation in lipopolysaccharide-stimulated RAW264.7 macrophages via modulating p65, c-Jun, and IRF3 signaling pathways. Asian Pacific Journal of Tropical Biomedicine, 2021, 11, 273.	0.5	1
748	Implications of Gut Microbiota in Neurodegenerative Diseases. Frontiers in Immunology, 2022, 13, 785644.	2.2	37
749	Maintenance of glutamine synthetase expression alleviates endotoxin-induced sepsis via alpha-ketoglutarate-mediated demethylation. FASEB Journal, 2022, 36, e22281.	0.2	3
750	Coagulation factor protein abundance in the pre-septic state predicts coagulopathic activities that arise during late-stage murine sepsis. EBioMedicine, 2022, 78, 103965.	2.7	7
751	A novel pyroptosis-related gene signature to predict outcomes in laryngeal squamous cell carcinoma. Aging, 2021, 13, 25960-25979.	1.4	0
752	Maternal immune activation and dietary soy isoflavone supplementation influence pig immune function but not muscle fiber formation. Journal of Animal Science, 2022, 100, .	0.2	1
759	Protective Effect of Alkaline Phosphatase Supplementation on Infant Health. Foods, 2022, 11, 1212.	1.9	7
760	Inhibition of Lipopolysaccharide-Induced Inflammatory Signaling by Soft Coral-Derived Prostaglandin A2 in RAW264.7 Cells. Marine Drugs, 2022, 20, 316.	2.2	1
761	Salmonella Induces the cGAS-STING-Dependent Type I Interferon Response in Murine Macrophages by Triggering mtDNA Release. MBio, 2022, 13, .	1.8	10
763	Microglial Inflammatory-Metabolic Pathways and Their Potential Therapeutic Implication in Major Depressive Disorder. Frontiers in Psychiatry, 0, 13, .	1.3	27

#	ARTICLE	IF	CITATIONS
765	CrrAB regulates PagP-mediated glycerophosphoglycerol palmitoylation in the outer membrane of <i>Klebsiella pneumoniae</i> . <i>Journal of Lipid Research</i> , 2022, 63, 100251.	2.0	3
766	Virulence Factors of <i>Pseudomonas Aeruginosa</i> and Antivirulence Strategies to Combat Its Drug Resistance. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	61
767	Targeting gliovascular connexins prevents inflammatory blood-brain barrier leakage and astrogliosis. <i>JCI Insight</i> , 2022, 7, .	2.3	12
768	Multidrug-resistant <i>Pseudomonas aeruginosa</i> is predisposed to lasR mutation through up-regulated activity of efflux pumps in non-cystic fibrosis bronchiectasis patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1
769	Grape Seed Proanthocyanidins Exert a Neuroprotective Effect by Regulating Microglial M1/M2 Polarisation in Rats with Spinal Cord Injury. <i>Mediators of Inflammation</i> , 2022, 2022, 1-23.	1.4	6
770	Gut microbiota remodeling: A promising therapeutic strategy to confront hyperuricemia and gout. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	22
771	The microglial endocannabinoid system is similarly regulated by lipopolysaccharide and interferon gamma. <i>Journal of Neuroimmunology</i> , 2022, 372, 577971.	1.1	2
772	Probing the Functional Interaction Interface of Lipopolysaccharide and Antimicrobial Peptides: A Solution-State NMR Perspective. <i>Methods in Molecular Biology</i> , 2022, , 211-231.	0.4	0
773	The pancreatic clock is a key determinant of pancreatic fibrosis progression and exocrine dysfunction. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	11
774	Association of low-grade inflammation caused by gut microbiota disturbances with osteoarthritis: A systematic review. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	4
775	LXR agonist inhibits inflammation through regulating MyD88 mRNA alternative splicing. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	1
776	Association of Lipopolysaccharide-Toll-Like Receptor 4 Signaling and Microalbuminuria in Patients with Type 2 Diabetes Mellitus. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 15, 3143-3152.	1.1	3
777	Cytokine Storm—Definition, Causes, and Implications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11740.	1.8	61
778	A Sensitive GC-MS Method for Quantitation of Lipid A Backbone Components and Terminal Phosphate Modifications. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 2301-2309.	1.2	0
779	Indicators of oxidative stress in leukocytes isolated from bottlenose dolphins (<i>Tursiops truncatus</i>) in response to a proinflammatory challenge. <i>Microbial Pathogenesis</i> , 2022, 173, 105800.	1.3	0
780	Lipopolysaccharide Promotes the Proliferation and Differentiation of Goose Embryonic Myoblasts by Promoting Cytokine Expression and Appropriate Apoptosis Processes. <i>Veterinary Sciences</i> , 2022, 9, 615.	0.6	1
781	In Vitro Bioactivities of Food Grade Extracts from Yarrow (<i>Achillea millefolium</i> L.) and Stinging Nettle (<i>Urtica dioica</i> L.) Leaves. <i>Plant Foods for Human Nutrition</i> , 2023, 78, 132-138.	1.4	2
782	Immunostimulants versus placebo for preventing exacerbations in adults with chronic bronchitis or chronic obstructive pulmonary disease. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	3

#	ARTICLE	IF	CITATIONS
783	Deficiency in TLR4 impairs regulatory B cells production induced by Schistosome soluble egg antigen. <i>Molecular and Biochemical Parasitology</i> , 2023, 253, 111532.	0.5	0
784	Evolutionary Impacts of Pattern Recognition Receptor Genes on Carnivora Complex Habitat Stress Adaptation. <i>Animals</i> , 2022, 12, 3331.	1.0	2
785	Inflammatory platelet production stimulated by tyrosyl-tRNA synthetase mimicking viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	2
786	Weilâ€™s Diseaseâ€™ Immunopathogenesis, Multiple Organ Failure, and Potential Role of Gut Microbiota. <i>Biomolecules</i> , 2022, 12, 1830.	1.8	8
787	Multi-Omics Integration to Reveal the Mechanism of Sericin Inhibiting LPS-Induced Inflammation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 259.	1.8	3
788	Adaptive Evolution of the OAS Gene Family Provides New Insights into the Antiviral Ability of Laurasiatherian Mammals. <i>Animals</i> , 2023, 13, 209.	1.0	2
789	Oleocanthal alleviated lipopolysaccharide-induced acute lung injury in chickens by inhibiting TLR4/NF- κ B pathway activation. <i>Poultry Science</i> , 2023, 102, 102458.	1.5	0
791	Orientia and Rickettsia: different flowers from the same garden. <i>Current Opinion in Microbiology</i> , 2023, 74, 102318.	2.3	7
792	UNC93B1 facilitates TLR18-mediated NF- κ B signal activation in Schizothorax prenanti. <i>Fish and Shellfish Immunology</i> , 2023, 134, 108584.	1.6	1
793	NMDARs antagonist MK801 suppresses LPS-induced apoptosis and mitochondrial dysfunction by regulating subunits of NMDARs via the CaM/CaMKII/ERK pathway. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	2
794	A Novel Synbiotic Alleviates Autoimmune Hepatitis by Modulating the Gut Microbiota-Liver Axis and Inhibiting the Hepatic TLR4/NF- κ B/NLRP3 Signaling Pathway. <i>MSystems</i> , 2023, 8, .	1.7	16
795	CD169+ macrophage intrinsic IL-10 production regulates immune homeostasis during sepsis. <i>Cell Reports</i> , 2023, 42, 112171.	2.9	6
796	What Is Cytokine Storm?. <i>Lessons From the ICU</i> , 2023, , 35-54.	0.1	0
797	RAGEâ€™TLR4 Crosstalk Is the Key Mechanism by Which High Glucose Enhances the Lipopolysaccharide-Induced Inflammatory Response in Primary Bovine Alveolar Macrophages. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7007.	1.8	1
807	Neural Mechanisms Underlying the Coughing Reflex. <i>Neuroscience Bulletin</i> , 2023, 39, 1823-1839.	1.5	2
808	What if gastrointestinal complications in endurance athletes were gut injuries in response to a high consumption of ultra-processed foods? Please take care of your bugs if you want to improve endurance performance: a narrative review. <i>European Journal of Applied Physiology</i> , 2024, 124, 383-402.	1.2	1
817	Leptospira and leptospirosis. , 2024, , 1849-1871.		0