

Cheol-Heui Yun

List of Publications by Year in descending order

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277
papers

12,268
citations

57631

44
h-index

33814

99
g-index

286
all docs

286
docs citations

286
times ranked

20949
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
2	Recognition of Lipopeptide Patterns by Toll-like Receptor 2-Toll-like Receptor 6 Heterodimer. <i>Immunity</i> , 2009, 31, 873-884.	6.6	641
3	Critical role of CD11b+ macrophages and VEGF in inflammatory lymphangiogenesis, antigen clearance, and inflammation resolution. <i>Blood</i> , 2009, 113, 5650-5659.	0.6	363
4	Intestinal immune responses to coccidiosis. <i>Developmental and Comparative Immunology</i> , 2000, 24, 303-324.	1.0	253
5	VDUP1 upregulated by TGF- β 1 and 1,25-dihydroxyvitamin D3 inhibits tumor cell growth by blocking cell-cycle progression. <i>Oncogene</i> , 2003, 22, 4035-4046.	2.6	248
6	The ribonuclease activity of SAMHD1 is required for HIV-1 restriction. <i>Nature Medicine</i> , 2014, 20, 936-941.	15.2	244
7	Pneumococcal Lipoteichoic Acid (LTA) Is Not as Potent as Staphylococcal LTA in Stimulating Toll-Like Receptor 2. <i>Infection and Immunity</i> , 2003, 71, 5541-5548.	1.0	161
8	Immunomodulatory Activities of Oat β -Glucan <i>In Vitro</i> and <i>In Vivo</i> . <i>Microbiology and Immunology</i> , 1997, 41, 991-998.	0.7	154
9	Differential immunostimulatory effects of Gram-positive bacteria due to their lipoteichoic acids. <i>International Immunopharmacology</i> , 2009, 9, 127-133.	1.7	149
10	Requirement of Hydrogen Peroxide Generation in TGF- β 1 Signal Transduction in Human Lung Fibroblast Cells: Involvement of Hydrogen Peroxide and Ca ²⁺ in TGF- β 1-Induced IL-6 Expression. <i>Journal of Immunology</i> , 2000, 165, 2190-2197.	0.4	139
11	Efficacy of a Low-Cost, Inactivated Whole-Cell Oral Cholera Vaccine: Results from 3 Years of Follow-Up of a Randomized, Controlled Trial. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1289.	1.3	137
12	Major degradable polycations as carriers for DNA and siRNA. <i>Journal of Controlled Release</i> , 2014, 193, 74-89.	4.8	124
13	β -Glucan, extracted from oat, enhances disease resistance against bacterial and parasitic infections. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 35, 67-75.	2.7	117
14	Mixed organic acids as antibiotic substitutes improve performance, serum immunity, intestinal morphology and microbiota for weaned piglets. <i>Animal Feed Science and Technology</i> , 2018, 235, 23-32.	1.1	110
15	A Randomized, Placebo-Controlled Trial of the Bivalent Killed, Whole-Cell, Oral Cholera Vaccine in Adults and Children in a Cholera Endemic Area in Kolkata, India. <i>PLoS ONE</i> , 2008, 3, e2323.	1.1	105
16	Lipoteichoic Acid Isolated from <i>Lactobacillus plantarum</i> Inhibits Lipopolysaccharide-Induced TNF- α Production in THP-1 Cells and Endotoxin Shock in Mice. <i>Journal of Immunology</i> , 2008, 180, 2553-2561.	0.4	102
17	<i>Eimeria tenella</i> Infection Induces Local Gamma Interferon Production and Intestinal Lymphocyte Subpopulation Changes. <i>Infection and Immunity</i> , 2000, 68, 1282-1288.	1.0	97
18	Chitosan-graft-polyethylenimine for Akt1 siRNA delivery to lung cancer cells. <i>International Journal of Pharmaceutics</i> , 2009, 378, 194-200.	2.6	96

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19	Safety and immunogenicity of a reformulated Vietnamese bivalent killed, whole-cell, oral cholera vaccine in adults. <i>Vaccine</i> , 2007, 25, 1149-1155.	1.7	95
20	Poly(β -amino ester) as a carrier for si/shRNA delivery in lung cancer cells. <i>Biomaterials</i> , 2008, 29, 2535-2547.	5.7	95
21	A Potential Protein Adjuvant Derived from <i>Mycobacterium tuberculosis</i> Rv0652 Enhances Dendritic Cells-Based Tumor Immunotherapy. <i>PLoS ONE</i> , 2014, 9, e104351.	1.1	91
22	The stress of weaning influences serum levels of acute-phase proteins, iron-binding proteins, inflammatory cytokines, cortisol, and leukocyte subsets in Holstein calves. <i>Journal of Veterinary Science</i> , 2011, 12, 151.	0.5	90
23	Lipoproteins are an important bacterial component responsible for bone destruction through the induction of osteoclast differentiation and activation. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2381-2391.	3.1	84
24	Lipoteichoic Acid of Probiotic <i>Lactobacillus plantarum</i> Attenuates Poly I:C-Induced IL-8 Production in Porcine Intestinal Epithelial Cells. <i>Frontiers in Microbiology</i> , 2017, 8, 1827.	1.5	82
25	Microencapsulation of Live Probiotic Bacteria. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 1367-1377.	0.9	81
26	Lipoteichoic Acid Partially Contributes to the Inflammatory Responses to <i>Enterococcus faecalis</i> . <i>Journal of Endodontics</i> , 2008, 34, 975-982.	1.4	80
27	<i>Lactobacillus plantarum</i> lipoteichoic acid down-regulated <i>Shigella flexneri</i> peptidoglycan-induced inflammation. <i>Molecular Immunology</i> , 2011, 48, 382-391.	1.0	75
28	Immune responses following one and two doses of the reformulated, bivalent, killed, whole-cell, oral cholera vaccine among adults and children in Kolkata, India: A randomized, placebo-controlled trial. <i>Vaccine</i> , 2009, 27, 6887-6893.	1.7	74
29	Enhanced Efficacy of Therapeutic Cancer Vaccines Produced by Co-Treatment with <i>Mycobacterium tuberculosis</i> Heparin-Binding Hemagglutinin, a Novel TLR4 Agonist. <i>Cancer Research</i> , 2011, 71, 2858-2870.	0.4	72
30	Lipoteichoic acids as a major virulence factor causing inflammatory responses via Toll-like receptor 2. <i>Archives of Pharmacal Research</i> , 2016, 39, 1519-1529.	2.7	70
31	Design and application of chitosan microspheres as oral and nasal vaccine carriers: an updated review. <i>International Journal of Nanomedicine</i> , 2012, 7, 6077.	3.3	69
32	<i>Lactobacillus plantarum</i> lipoteichoic acid inhibits biofilm formation of <i>Streptococcus mutans</i> . <i>PLoS ONE</i> , 2018, 13, e0192694.	1.1	66
33	Sublingual Immunization with M2-Based Vaccine Induces Broad Protective Immunity against Influenza. <i>PLoS ONE</i> , 2011, 6, e27953.	1.1	66
34	Stress, Nutrition, and Intestinal Immune Responses in Pigs – A Review. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 1075-1082.	2.4	62
35	Natural Killer Cells and <i>Helicobacter pylori</i> Infection: Bacterial Antigens and Interleukin-12 Act Synergistically To Induce Gamma Interferon Production. <i>Infection and Immunity</i> , 2005, 73, 1482-1490.	1.0	61
36	Lipoteichoic Acid-Induced Nitric Oxide Production Depends on the Activation of Platelet-Activating Factor Receptor and Jak2. <i>Journal of Immunology</i> , 2006, 176, 573-579.	0.4	60

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37	Lipoteichoic acid of <i>Streptococcus mutans</i> interacts with Toll-like receptor 2 through the lipid moiety for induction of inflammatory mediators in murine macrophages. <i>Molecular Immunology</i> , 2014, 57, 284-291.	1.0	58
38	Intranasal immunization with plasmid DNA encoding spike protein of SARS-coronavirus/polyethylenimine nanoparticles elicits antigen-specific humoral and cellular immune responses. <i>BMC Immunology</i> , 2010, 11, 65.	0.9	57
39	The Role of Nanovaccine in Cross-Presentation of Antigen-Presenting Cells for the Activation of CD8+ T Cell Responses. <i>Pharmaceutics</i> , 2019, 11, 612.	2.0	57
40	Multi-spectrometric analyses of lipoteichoic acids isolated from <i>Lactobacillus plantarum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 823-830.	1.0	56
41	Lipoteichoic acid from <i>Lactobacillus plantarum</i> inhibits Pam2CSK4-induced IL-8 production in human intestinal epithelial cells. <i>Molecular Immunology</i> , 2015, 64, 183-189.	1.0	56
42	β -(1 \rightarrow 3, 1 \rightarrow 4) Oat glucan enhances resistance to <i>Eimeria vermiformis</i> infection in immunosuppressed mice. <i>International Journal for Parasitology</i> , 1997, 27, 329-337.	1.3	50
43	Rapamycin-induced autophagy restricts porcine epidemic diarrhea virus infectivity in porcine intestinal epithelial cells. <i>Antiviral Research</i> , 2017, 146, 86-95.	1.9	50
44	Macrophage activation and nitric oxide production by water soluble components of <i>Hericium erinaceum</i> . <i>International Immunopharmacology</i> , 2006, 6, 1363-1369.	1.7	47
45	Short-chain Fatty Acids Inhibit Staphylococcal Lipoprotein-induced Nitric Oxide Production in Murine Macrophages. <i>Immune Network</i> , 2019, 19, e9.	1.6	47
46	Transparent Air Filters with Active Thermal Sterilization. <i>Nano Letters</i> , 2022, 22, 524-532.	4.5	47
47	Lipoteichoic acid of <i>Enterococcus faecalis</i> induces the expression of chemokines via TLR2 and PAFR signaling pathways. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1275-1284.	1.5	46
48	Barrier protection via Toll-like receptor 2 signaling in porcine intestinal epithelial cells damaged by deoxynivalnol. <i>Veterinary Research</i> , 2016, 47, 25.	1.1	46
49	Alpha-eleostearic acid suppresses proliferation of MCF7 breast cancer cells via activation of PPAR β and inhibition of ERK 1&2. <i>Cancer Science</i> , 2010, 101, 396-402.	1.7	45
50	Alpha-eleostearic acid induces autophagy-dependent cell death through targeting AKT/mTOR and ERK1/2 signal together with the generation of reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 903-908.	1.0	44
51	Identification of <i>Porphyromonas gingivalis</i> lipopolysaccharide-binding proteins in human saliva. <i>Molecular Immunology</i> , 2011, 48, 2207-2213.	1.0	44
52	Antibacterial Efficacy of a Human β -Defensin-3 Peptide on Multispecies Biofilms. <i>Journal of Endodontics</i> , 2013, 39, 1625-1629.	1.4	44
53	CD45-mediated control of TCR tuning in naive and memory CD8+ T cells. <i>Nature Communications</i> , 2016, 7, 13373.	5.8	44
54	Lipoteichoic Acid Inhibits <i>Staphylococcus aureus</i> Biofilm Formation. <i>Frontiers in Microbiology</i> , 2018, 9, 327.	1.5	44

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55	Antimicrobial Efficacy of a Polymeric Chlorhexidine Release Device Using In Vitro Model of Enterococcus faecalis Dentinal Tubule Infection. <i>Journal of Endodontics</i> , 2008, 34, 855-858.	1.4	43
56	Calcium Hydroxide Inactivates Lipoteichoic Acid from Enterococcus faecalis through Deacylation of the Lipid Moiety. <i>Journal of Endodontics</i> , 2011, 37, 191-196.	1.4	43
57	Lipoteichoic acid and muramyl dipeptide synergistically induce maturation of human dendritic cells and concurrent expression of proinflammatory cytokines. <i>Journal of Leukocyte Biology</i> , 2007, 81, 983-989.	1.5	42
58	Accelerated gene transfer through a polysorbitol-based transporter mechanism. <i>Biomaterials</i> , 2011, 32, 9908-9924.	5.7	42
59	Sublingual immunization with recombinant adenovirus encoding SARS-CoV spike protein induces systemic and mucosal immunity without redirection of the virus to the brain. <i>Virology Journal</i> , 2012, 9, 215.	1.4	41
60	The Novel Enterococcus Phage vB_EfaS_HEf13 Has Broad Lytic Activity Against Clinical Isolates of Enterococcus faecalis. <i>Frontiers in Microbiology</i> , 2019, 10, 2877.	1.5	41
61	Chicken IFN- γ monoclonal antibodies and their application in enzyme-linked immunosorbent assay. <i>Veterinary Immunology and Immunopathology</i> , 2000, 73, 297-308.	0.5	40
62	Impaired osteoclastogenesis by staphylococcal lipoteichoic acid through Toll-like receptor 2 with partial involvement of MyD88. <i>Journal of Leukocyte Biology</i> , 2009, 86, 823-831.	1.5	40
63	Induction of IL-8 expression by bacterial flagellin is mediated through lipid raft formation and intracellular TLR5 activation in A549 cells. <i>Molecular Immunology</i> , 2009, 47, 614-622.	1.0	40
64	COX-2 and PGE2 signaling is essential for the regulation of IDO expression by curcumin in murine bone marrow-derived dendritic cells. <i>International Immunopharmacology</i> , 2010, 10, 760-768.	1.7	40
65	Lipoteichoic acids of lactobacilli inhibit Enterococcus faecalis biofilm formation and disrupt the preformed biofilm. <i>Journal of Microbiology</i> , 2019, 57, 310-315.	1.3	40
66	Streptococcus gordonii: Pathogenesis and Host Response to Its Cell Wall Components. <i>Microorganisms</i> , 2020, 8, 1852.	1.6	40
67	Analysis of cysteine-X-cysteine motif chemokine ligands 9, 10, and 11, their receptor CXCR3, and their possible role on the recruitment of immune cells at the maternal-fetal conceptus interface in pigs. <i>Biology of Reproduction</i> , 2017, 97, 69-80.	1.2	39
68	Antimicrobial effect of alexidine and chlorhexidine against Enterococcus faecalis infection. <i>International Journal of Oral Science</i> , 2013, 5, 26-31.	3.6	38
69	A Probiotic Mixture Regulates T Cell Balance and Reduces Atopic Dermatitis Symptoms in Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 2414.	1.5	38
70	Exploring the Genetic Signature of Body Size in Yucatan Miniature Pig. <i>PLoS ONE</i> , 2015, 10, e0121732.	1.1	38
71	Resistin enhances the expansion of regulatory T cells through modulation of dendritic cells. <i>BMC Immunology</i> , 2010, 11, 33.	0.9	37
72	KLF10, transforming growth factor- β -inducible early gene 1, acts as a tumor suppressor. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 388-394.	1.0	37

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73	Lactobacillus plantarum Lipoteichoic Acid Inhibits Oral Multispecies Biofilm. Journal of Endodontics, 2019, 45, 310-315.	1.4	36
74	<itali>Bacillus subtilis</itali> Protects Porcine Intestinal Barrier from Deoxynivalenol via Improved Zonula Occludens-1 Expression. Asian-Australasian Journal of Animal Sciences, 2014, 27, 580-586.	2.4	34
75	Enhancement of Tumor-Specific T Cell"Mediated Immunity in Dendritic Cell"Based Vaccines by <i>Mycobacterium tuberculosis</i> Heat Shock Protein X. Journal of Immunology, 2014, 193, 1233-1245.	0.4	34
76	Mutagenicity and Immune Toxicity of Emulsion-type Sausage Cured with Plasma-treated Water. Korean Journal for Food Science of Animal Resources, 2016, 36, 494-498.	1.5	34
77	Artificial neural network models for prediction of intestinal permeability of oligopeptides. BMC Bioinformatics, 2007, 8, 245.	1.2	33
78	Akt1 silencing efficiencies in lung cancer cells by sh/si/ssiRNA transfection using a reductable polyspermine carrier. Biomaterials, 2009, 30, 1635-1647.	5.7	33
79	Hydrolyzed fumonisin B1 induces less inflammatory responses than fumonisin B1 in the co-culture model of porcine intestinal epithelial and immune cells. Toxicology Letters, 2019, 305, 110-116.	0.4	33
80	The effects of fermented soybean meal on immunophysiological and stress-related parameters in Holstein calves after weaning. Journal of Dairy Science, 2012, 95, 5203-5212.	1.4	32
81	Enterococcus faecalis lipoteichoic acid suppresses Aggregatibacter actinomycetemcomitans lipopolysaccharide-induced IL-8 expression in human periodontal ligament cells. International Immunology, 2015, 27, 381-391.	1.8	32
82	Peptidoglycan-mediated IL-8 expression in human alveolar type II epithelial cells requires lipid raft formation and MAPK activation. Molecular Immunology, 2008, 45, 1665-1673.	1.0	31
83	Effects of fermented soybean meal on growth performance, diarrheal incidence and immune"response of neonatal calves. Animal Science Journal, 2010, 81, 475-481.	0.6	31
84	Lipoprotein in the cell wall of Staphylococcus aureus is a major inducer of nitric oxide production in murine macrophages. Molecular Immunology, 2015, 65, 17-24.	1.0	31
85	The synthetic human beta-defensin-3 C15 peptide exhibits antimicrobial activity against Streptococcus mutans, both alone and in combination with dental disinfectants. Journal of Microbiology, 2017, 55, 830-836.	1.3	31
86	Anti-Inflammatory Effects of a Mixture of Lactic Acid Bacteria and Sodium Butyrate in Atopic Dermatitis Murine Model. Journal of Medicinal Food, 2018, 21, 716-725.	0.8	31
87	Regulation of CD4&sup>+&sup>CD8&sup>-&sup>CD25&sup>+&sup> and CD4&sup>+&sup>CD8&sup>+&sup>CD25&sup>+&sup> T cells by gut microbiota in chicken. Scientific Reports, 2018, 8, 8627.	1.6	31
88	Effects of hydrolyzed yeast supplementation in calf starter on immune responses to vaccine challenge in neonatal calves. Animal, 2011, 5, 953-960.	1.3	30
89	Chlorophyllin Suppression of Lipopolysaccharide-Induced Nitric Oxide Production in RAW 264.7 Cells. Toxicology and Applied Pharmacology, 2000, 166, 120-127.	1.3	29
90	NF-&sup>Î&sup>B signaling pathway, not IFN-&sup>Î&sup>2/STAT1, is responsible for the selenium suppression of LPS-induced nitric oxide production. International Immunopharmacology, 2007, 7, 1192-1198.	1.7	29

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91	Calcium Hydroxide Inactivates Lipoteichoic Acid from <i>Enterococcus faecalis</i> . <i>Journal of Endodontics</i> , 2008, 34, 1355-1359.	1.4	29
92	<i>Staphylococcus aureus</i> induces IL-1 β expression through the activation of MAP kinases and AP-1, CRE and NF- κ B transcription factors in the bovine mammary gland epithelial cells. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 347-354.	0.7	28
93	Induction of BAFF expression by IFN- γ via JAK/STAT signaling pathways in human intestinal epithelial cells. <i>Journal of Leukocyte Biology</i> , 2012, 93, 363-368.	1.5	28
94	Bacterial flagellin induces IL-6 expression in human basophils. <i>Molecular Immunology</i> , 2015, 65, 168-176.	1.0	28
95	<i>Enterococcus faecalis</i> Inhibits Osteoblast Differentiation and Induces Chemokine Expression. <i>Journal of Endodontics</i> , 2015, 41, 1480-1485.	1.4	28
96	A new way of producing pediocin in <i>Pediococcus acidilactici</i> through intracellular stimulation by internalized inulin nanoparticles. <i>Scientific Reports</i> , 2018, 8, 5878.	1.6	28
97	Immunomodulatory effect of resistin in human dendritic cells stimulated with lipoteichoic acid from <i>Staphylococcus aureus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 599-604.	1.0	27
98	The role of osmotic polysorbitol-based transporter in RNAi silencing via caveolae-mediated endocytosis and COX-2 expression. <i>Biomaterials</i> , 2012, 33, 8868-8880.	5.7	27
99	Replication of <i>Vibrio cholerae</i> classical CTX phage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2343-2348.	3.3	27
100	<i>Streptococcus gordonii</i> lipoproteins induce IL-8 in human periodontal ligament cells. <i>Molecular Immunology</i> , 2017, 91, 218-224.	1.0	27
101	Suppression of the interleukin-2 gene expression by aflatoxin B1 is mediated through the down-regulation of the NF-AT and AP-1 transcription factors. <i>Toxicology Letters</i> , 1999, 108, 1-10.	0.4	26
102	Human placenta promotes IL-8 expression through activation of JNK/SAPK and transcription factors NF- κ B and AP-1 in PMA-differentiated THP-1 cells. <i>International Immunopharmacology</i> , 2007, 7, 1488-1495.	1.7	26
103	Lipoteichoic acid from <i>Lactobacillus plantarum</i> induces nitric oxide production in the presence of interferon- γ in murine macrophages. <i>Molecular Immunology</i> , 2011, 48, 2170-2177.	1.0	26
104	Lipopolysaccharide of <i>Aggregatibacter actinomycetemcomitans</i> induces the expression of chemokines MCP-1, MIP-1 α , and IP-10 via similar but distinct signaling pathways in murine macrophages. <i>Immunobiology</i> , 2015, 220, 1067-1074.	0.8	26
105	Cysteine-X-cysteine motif chemokine ligand 12 and its receptor CXCR4: expression, regulation, and possible function at the maternal-conceptus interface during early pregnancy in pigs. <i>Biology of Reproduction</i> , 2018, 99, 1137-1148.	1.2	26
106	Propionate Ameliorates <i>Staphylococcus aureus</i> Skin Infection by Attenuating Bacterial Growth. <i>Frontiers in Microbiology</i> , 2019, 10, 1363.	1.5	26
107	Regulation of Gastrointestinal Immunity by Metabolites. <i>Nutrients</i> , 2021, 13, 167.	1.7	26
108	Effects of Ambient Temperature on Growth Performance, Blood Metabolites, and Immune Cell Populations in Korean Cattle Steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 436-443.	2.4	26

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109	Induction of Dendritic Cell Maturation and Activation by a Potential Adjuvant, 2-Hydroxypropyl- β -Cyclodextrin. <i>Frontiers in Immunology</i> , 2016, 7, 435.	2.2	25
110	<i>Vibrio cholerae</i> OmpU induces IL-8 expression in human intestinal epithelial cells. <i>Molecular Immunology</i> , 2018, 93, 47-54.	1.0	25
111	Monoacyl Lipoteichoic Acid from Pneumococci Stimulates Human Cells but Not Mouse Cells. <i>Infection and Immunity</i> , 2005, 73, 834-840.	1.0	24
112	A semi-automated vibriocidal assay for improved measurement of cholera vaccine-induced immune responses. <i>Journal of Microbiological Methods</i> , 2007, 71, 141-146.	0.7	24
113	Curcumin Inhibits CD4+ T Cell Activation, but Augments CD69 Expression and TGF- β 1-Mediated Generation of Regulatory T Cells at Late Phase. <i>PLoS ONE</i> , 2013, 8, e62300.	1.1	24
114	<i>Staphylococcus aureus</i> induces IL-8 expression through its lipoproteins in the human intestinal epithelial cell, Caco-2. <i>Cytokine</i> , 2015, 75, 174-180.	1.4	24
115	Serum bactericidal assay for the evaluation of typhoid vaccine using a semi-automated colony-counting method. <i>Microbial Pathogenesis</i> , 2016, 97, 19-26.	1.3	24
116	Mucosal Vaccine Delivery Using Mucoadhesive Polymer Particulate Systems. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 693-712.	1.6	24
117	Chlorhexidine Gluconate Attenuates the Ability of Lipoteichoic Acid from <i>Enterococcus faecalis</i> to Stimulate Toll-like Receptor 2. <i>Journal of Endodontics</i> , 2009, 35, 212-215.	1.4	23
118	Impaired IFN- γ production after stimulation with bacterial components by natural killer cells from gastric cancer patients. <i>Experimental Cell Research</i> , 2011, 317, 849-858.	1.2	23
119	Alpha-amylase is a human salivary protein with affinity to lipopolysaccharide of <i>Aggregatibacter actinomycetemcomitans</i> . <i>Molecular Oral Microbiology</i> , 2013, 28, 142-153.	1.3	23
120	Stress, acute phase proteins and immune modulation in calves. <i>Animal Production Science</i> , 2014, 54, 1561.	0.6	23
121	Differential profiles of gastrointestinal proteins interacting with peptidoglycans from <i>Lactobacillus plantarum</i> and <i>Staphylococcus aureus</i> . <i>Molecular Immunology</i> , 2015, 65, 77-85.	1.0	23
122	Adiponectin Deficiency Triggers Bone Loss by Up-Regulation of Osteoclastogenesis and Down-Regulation of Osteoblastogenesis. <i>Frontiers in Endocrinology</i> , 2019, 10, 815.	1.5	23
123	Effects of Fermented Soybean Meal on Immune Response of Weaned Calves with Experimentally Induced Lipopolysaccharide Challenge. <i>Asian-Australasian Journal of Animal Sciences</i> , 2011, 24, 957-964.	2.4	23
124	Induction of indoleamine 2,3-dioxygenase expression via heme oxygenase-1-dependant pathway during murine dendritic cell maturation. <i>Biochemical Pharmacology</i> , 2010, 80, 491-505.	2.0	22
125	Gene expression profile of human peripheral blood mononuclear cells induced by <i>Staphylococcus aureus</i> lipoteichoic acid. <i>International Immunopharmacology</i> , 2012, 13, 454-460.	1.7	22
126	Systemic administration of RANKL overcomes the bottleneck of oral vaccine delivery through microfold cells in ileum. <i>Biomaterials</i> , 2016, 84, 286-300.	5.7	22

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127	Cyclic Dinucleotides Inhibit Osteoclast Differentiation Through STING-Mediated Interferon- β Signaling. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1366-1375.	3.1	22
128	A Bacterial Metabolite, Compound K, Induces Programmed Necrosis in MCF-7 Cells via GSK3 β 1/2. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1170-1176.	0.9	22
129	OspF directly attenuates the activity of extracellular signal-regulated kinase during invasion by <i>Shigella flexneri</i> in human dendritic cells. <i>Molecular Immunology</i> , 2008, 45, 3295-3301.	1.0	20
130	Anti-bacterial and anti-toxic immunity induced by a killed whole-cell-cholera toxin B subunit cholera vaccine is essential for protection against lethal bacterial infection in mouse pulmonary cholera model. <i>Mucosal Immunology</i> , 2013, 6, 826-837.	2.7	20
131	Intranasal immunization with pneumococcal surface protein A in the presence of nanoparticle forming polysorbitol transporter adjuvant induces protective immunity against the <i>Streptococcus pneumoniae</i> infection. <i>Acta Biomaterialia</i> , 2019, 90, 362-372.	4.1	20
132	<i>Bacillus subtilis</i> spores as adjuvants against avian influenza H9N2 induce antigen-specific antibody and T cell responses in White Leghorn chickens. <i>Veterinary Research</i> , 2020, 51, 68.	1.1	20
133	Self-reactivity controls functional diversity of naive CD8+ T cells by co-opting tonic type I interferon. <i>Nature Communications</i> , 2021, 12, 6059.	5.8	20
134	Induction of murine interleukin-1 beta expression by water-soluble components from <i>Hericium erinaceum</i> 1. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1058-1064.	2.8	19
135	Induction of IL-8 expression by <i>Cordyceps militaris</i> grown on germinated soybeans through lipid rafts formation and signaling pathways via ERK and JNK in A549 cells. <i>Journal of Ethnopharmacology</i> , 2010, 127, 55-61.	2.0	19
136	Inhibition of xenograft tumor growth in mice by gold nanoparticle-assisted delivery of short hairpin RNAs against Mcl-1L. <i>Journal of Biotechnology</i> , 2011, 156, 89-94.	1.9	19
137	Gene expression profiling of bovine mammary gland epithelial cells stimulated with lipoteichoic acid plus peptidoglycan from <i>Staphylococcus aureus</i> . <i>International Immunopharmacology</i> , 2014, 21, 231-240.	1.7	19
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