

# Cheol-Heui Yun

## List of Publications by Citations

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262  
papers

9,770  
citations

40  
h-index

91  
g-index

286  
ext. papers

11,069  
ext. citations

5.5  
avg. IF

5.68  
L-index

#	Paper	IF	Citations
262	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.	14.2	2783
261	Recognition of lipopeptide patterns by Toll-like receptor 2-Toll-like receptor 6 heterodimer. <i>Immunity</i> , <b>2009</b> , 31, 873-84	32.3	520
260	Critical role of CD11b+ macrophages and VEGF in inflammatory lymphangiogenesis, antigen clearance, and inflammation resolution. <i>Blood</i> , <b>2009</b> , 113, 5650-9	2.2	295
259	VDUP1 upregulated by TGF-beta1 and 1,25-dihydroxyvitamin D3 inhibits tumor cell growth by blocking cell-cycle progression. <i>Oncogene</i> , <b>2003</b> , 22, 4035-46	9.2	228
258	The ribonuclease activity of SAMHD1 is required for HIV-1 restriction. <i>Nature Medicine</i> , <b>2014</b> , 20, 936-41	50.5	208
257	Intestinal immune responses to coccidiosis. <i>Developmental and Comparative Immunology</i> , <b>2000</b> , 24, 303-342	3.4	205
256	Pneumococcal lipoteichoic acid (LTA) is not as potent as staphylococcal LTA in stimulating Toll-like receptor 2. <i>Infection and Immunity</i> , <b>2003</b> , 71, 5541-8	3.7	147
255	Immunomodulatory activities of oat beta-glucan in vitro and in vivo. <i>Microbiology and Immunology</i> , <b>1997</b> , 41, 991-8	2.7	133
254	Differential immunostimulatory effects of Gram-positive bacteria due to their lipoteichoic acids. <i>International Immunopharmacology</i> , <b>2009</b> , 9, 127-33	5.8	128
253	Requirement of hydrogen peroxide generation in TGF-beta 1 signal transduction in human lung fibroblast cells: involvement of hydrogen peroxide and Ca <sup>2+</sup> in TGF-beta 1-induced IL-6 expression. <i>Journal of Immunology</i> , <b>2000</b> , 165, 2190-7	5.3	124
252	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> , <b>2011</b> , 5, e1289	4.8	117
251	Major degradable polycations as carriers for DNA and siRNA. <i>Journal of Controlled Release</i> , <b>2014</b> , 193, 74-89	11.7	111
250	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> , <b>2008</b> , 3, e2323	3.7	94
249	Beta-glucan, extracted from oat, enhances disease resistance against bacterial and parasitic infections. <i>FEMS Immunology and Medical Microbiology</i> , <b>2003</b> , 35, 67-75		91
248	Poly(beta-amino ester) as a carrier for si/shRNA delivery in lung cancer cells. <i>Biomaterials</i> , <b>2008</b> , 29, 2535-47	4.7	87
247	Eimeria tenella infection induces local gamma interferon production and intestinal lymphocyte subpopulation changes. <i>Infection and Immunity</i> , <b>2000</b> , 68, 1282-8	3.7	85
246	Safety and immunogenicity of a reformulated Vietnamese bivalent killed, whole-cell, oral cholera vaccine in adults. <i>Vaccine</i> , <b>2007</b> , 25, 1149-55	4.1	82

245	Chitosan-graft-polyethylenimine for Akt1 siRNA delivery to lung cancer cells. <i>International Journal of Pharmaceutics</i> , <b>2009</b> , 378, 194-200	6.5	80
244	Lipoteichoic acid isolated from <i>Lactobacillus plantarum</i> inhibits lipopolysaccharide-induced TNF-alpha production in THP-1 cells and endotoxin shock in mice. <i>Journal of Immunology</i> , <b>2008</b> , 180, 2553-61	5.3	77
243	Mixed organic acids as antibiotic substitutes improve performance, serum immunity, intestinal morphology and microbiota for weaned piglets. <i>Animal Feed Science and Technology</i> , <b>2018</b> , 235, 23-32	3	75
242	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> , <b>2011</b> , 12, 151-7	1.6	70
241	Lipoteichoic acid partially contributes to the inflammatory responses to <i>Enterococcus faecalis</i> . <i>Journal of Endodontics</i> , <b>2008</b> , 34, 975-82	4.7	68
240	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> , <b>2013</b> , 28, 2381-91	6.3	67
239	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> , <b>2009</b> , 27, 6887-93	4.1	66
238	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> , <b>2011</b> , 71, 2858-70	10.1	62
237	Microencapsulation of live probiotic bacteria. <i>Journal of Microbiology and Biotechnology</i> , <b>2010</b> , 20, 1367-73	3.3	62
236	Design and application of chitosan microspheres as oral and nasal vaccine carriers: an updated review. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 6077-93	7.3	61
235	Sublingual immunization with M2-based vaccine induces broad protective immunity against influenza. <i>PLoS ONE</i> , <b>2011</b> , 6, e27953	3.7	60
234	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> , <b>2005</b> , 73, 1482-90	3.7	53
233	Multi-spectrometric analyses of lipoteichoic acids isolated from <i>Lactobacillus plantarum</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 407, 823-30	3.4	49
232	<i>Lactobacillus plantarum</i> lipoteichoic acid down-regulated <i>Shigella flexneri</i> peptidoglycan-induced inflammation. <i>Molecular Immunology</i> , <b>2011</b> , 48, 382-91	4.3	46
231	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> , <b>2014</b> , 57, 284-91	4.3	45
230	Lipoteichoic acid of <i>Enterococcus faecalis</i> induces the expression of chemokines via TLR2 and PAFR signaling pathways. <i>Journal of Leukocyte Biology</i> , <b>2013</b> , 94, 1275-84	6.5	45
229	Lipoteichoic acid-induced nitric oxide production depends on the activation of platelet-activating factor receptor and Jak2. <i>Journal of Immunology</i> , <b>2006</b> , 176, 573-9	5.3	45
228	beta-(1->3, 1->4) oat glucan enhances resistance to <i>Eimeria vermiformis</i> infection in immunosuppressed mice. <i>International Journal for Parasitology</i> , <b>1997</b> , 27, 329-37	4.3	43

227	Stress, Nutrition, and Intestinal Immune Responses in Pigs - A Review. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2016</b> , 29, 1075-82	2.4	43
226	A potential protein adjuvant derived from Mycobacterium tuberculosis Rv0652 enhances dendritic cells-based tumor immunotherapy. <i>PLoS ONE</i> , <b>2014</b> , 9, e104351	3.7	42
225	Lactobacillus plantarum lipoteichoic acid inhibits biofilm formation of Streptococcus mutans. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192694	3.7	41
224	Lipoteichoic Acid of Probiotic Attenuates Poly I:C-Induced IL-8 Production in Porcine Intestinal Epithelial Cells. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1827	5.7	41
223	Accelerated gene transfer through a polysorbitol-based transporter mechanism. <i>Biomaterials</i> , <b>2011</b> , 32, 9908-24	15.6	40
222	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> , <b>2010</b> , 11, 65	3.7	40
221	Macrophage activation and nitric oxide production by water soluble components of Hericium erinaceum. <i>International Immunopharmacology</i> , <b>2006</b> , 6, 1363-9	5.8	40
220	Lipoteichoic acids as a major virulence factor causing inflammatory responses via Toll-like receptor 2. <i>Archives of Pharmacal Research</i> , <b>2016</b> , 39, 1519-1529	6.1	40
219	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> , <b>2010</b> , 391, 903-8	3.4	39
218	Calcium hydroxide inactivates lipoteichoic acid from Enterococcus faecalis through deacylation of the lipid moiety. <i>Journal of Endodontics</i> , <b>2011</b> , 37, 191-6	4.7	38
217	Antimicrobial efficacy of a polymeric chlorhexidine release device using in vitro model of Enterococcus faecalis dentinal tubule infection. <i>Journal of Endodontics</i> , <b>2008</b> , 34, 855-8	4.7	38
216	Lipoteichoic acid from Lactobacillus plantarum inhibits Pam2CSK4-induced IL-8 production in human intestinal epithelial cells. <i>Molecular Immunology</i> , <b>2015</b> , 64, 183-9	4.3	37
215	Identification of Porphyromonas gingivalis lipopolysaccharide-binding proteins in human saliva. <i>Molecular Immunology</i> , <b>2011</b> , 48, 2207-13	4.3	37
214	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> , <b>2009</b> , 47, 614-22	4.3	37
213	Chicken IFN-gamma monoclonal antibodies and their application in enzyme-linked immunosorbent assay. <i>Veterinary Immunology and Immunopathology</i> , <b>2000</b> , 73, 297-308	2	36
212	Antibacterial efficacy of a human Edefensin-3 peptide on multispecies biofilms. <i>Journal of Endodontics</i> , <b>2013</b> , 39, 1625-9	4.7	35
211	Alpha-eleostearic acid suppresses proliferation of MCF-7 breast cancer cells via activation of PPARgamma and inhibition of ERK 1 / 2. <i>Cancer Science</i> , <b>2010</b> , 101, 396-402	6.9	35
210	Lipoteichoic acid and muramyl dipeptide synergistically induce maturation of human dendritic cells and concurrent expression of proinflammatory cytokines. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 983-9	6.5	34

209	Rapamycin-induced autophagy restricts porcine epidemic diarrhea virus infectivity in porcine intestinal epithelial cells. <i>Antiviral Research</i> , <b>2017</b> , 146, 86-95	10.8	33
208	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> , <b>2012</b> , 9, 215	6.1	33
207	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> , <b>2010</b> , 10, 760-8	5.8	32
206	Impaired osteoclastogenesis by staphylococcal lipoteichoic acid through Toll-like receptor 2 with partial involvement of MyD88. <i>Journal of Leukocyte Biology</i> , <b>2009</b> , 86, 823-31	6.5	32
205	Akt1 silencing efficiencies in lung cancer cells by sh/si/ssRNA transfection using a reductable polyspermine carrier. <i>Biomaterials</i> , <b>2009</b> , 30, 1635-47	15.6	32
204	Enhancement of tumor-specific T cell-mediated immunity in dendritic cell-based vaccines by Mycobacterium tuberculosis heat shock protein X. <i>Journal of Immunology</i> , <b>2014</b> , 193, 1233-45	5.3	31
203	The Role of Nanovaccine in Cross-Presentation of Antigen-Presenting Cells for the Activation of CD8 T Cell Responses. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	31
202	Peptidoglycan-mediated IL-8 expression in human alveolar type II epithelial cells requires lipid raft formation and MAPK activation. <i>Molecular Immunology</i> , <b>2008</b> , 45, 1665-73	4.3	30
201	CD45-mediated control of TCR tuning in naïve and memory CD8 T cells. <i>Nature Communications</i> , <b>2016</b> , 7, 13373	17.4	29
200	Barrier protection via Toll-like receptor 2 signaling in porcine intestinal epithelial cells damaged by deoxynivalnol. <i>Veterinary Research</i> , <b>2016</b> , 47, 25	3.8	29
199	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-conceptus interface in pigs. <i>Biology of Reproduction</i> , <b>2017</b> , 97, 69-80	3.9	29
198	Antimicrobial effect of alexidine and chlorhexidine against Enterococcus faecalis infection. <i>International Journal of Oral Science</i> , <b>2013</b> , 5, 26-31	27.9	29
197	Lipoteichoic Acid Inhibits Biofilm Formation. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 327	5.7	28
196	Mutagenicity and Immune Toxicity of Emulsion-type Sausage Cured with Plasma-treated Water. <i>Korean Journal for Food Science of Animal Resources</i> , <b>2016</b> , 36, 494-8		28
195	Enterococcus faecalis lipoteichoic acid suppresses Aggregatibacter actinomycetemcomitans lipopolysaccharide-induced IL-8 expression in human periodontal ligament cells. <i>International Immunology</i> , <b>2015</b> , 27, 381-91	4.9	27
194	Calcium hydroxide inactivates lipoteichoic acid from Enterococcus faecalis. <i>Journal of Endodontics</i> , <b>2008</b> , 34, 1355-1359	4.7	27
193	Chlorophyllin suppression of lipopolysaccharide-induced nitric oxide production in RAW 264.7 cells. <i>Toxicology and Applied Pharmacology</i> , <b>2000</b> , 166, 120-7	4.6	27
192	Lipoteichoic acids of lactobacilli inhibit Enterococcus faecalis biofilm formation and disrupt the preformed biofilm. <i>Journal of Microbiology</i> , <b>2019</b> , 57, 310-315	3	26

191	KLF10, transforming growth factor- $\beta$ -inducible early gene 1, acts as a tumor suppressor. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 419, 388-94	3.4	26
190	The role of osmotic polysorbitol-based transporter in RNAi silencing via caveolae-mediated endocytosis and COX-2 expression. <i>Biomaterials</i> , <b>2012</b> , 33, 8868-80	15.6	26
189	Staphylococcus aureus induces IL-1 $\beta$ expression through the activation of MAP kinases and AP-1, CRE and NF- $\kappa$ B transcription factors in the bovine mammary gland epithelial cells. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2011</b> , 34, 347-54	2.6	26
188	Resistin enhances the expansion of regulatory T cells through modulation of dendritic cells. <i>BMC Immunology</i> , <b>2010</b> , 11, 33	3.7	26
187	NF-kappaB signaling pathway, not IFN-beta/STAT1, is responsible for the selenium suppression of LPS-induced nitric oxide production. <i>International Immunopharmacology</i> , <b>2007</b> , 7, 1192-8	5.8	26
186	Human placenta promotes IL-8 expression through activation of JNK/SAPK and transcription factors NF-kappaB and AP-1 in PMA-differentiated THP-1 cells. <i>International Immunopharmacology</i> , <b>2007</b> , 7, 1488-95	5.8	26
185	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> , <b>1999</b> , 108, 1-10	4.4	26
184	Artificial neural network models for prediction of intestinal permeability of oligopeptides. <i>BMC Bioinformatics</i> , <b>2007</b> , 8, 245	3.6	25
183	Exploring the genetic signature of body size in Yucatan miniature pig. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121732	3.7	25
182	Bacterial flagellin induces IL-6 expression in human basophils. <i>Molecular Immunology</i> , <b>2015</b> , 65, 168-76	4.3	24
181	Lipoprotein in the cell wall of Staphylococcus aureus is a major inducer of nitric oxide production in murine macrophages. <i>Molecular Immunology</i> , <b>2015</b> , 65, 17-24	4.3	24
180	Bacillus subtilis Protects Porcine Intestinal Barrier from Deoxynivalenol via Improved Zonula Occludens-1 Expression. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2014</b> , 27, 580-6	2.4	24
179	Monoacyl lipoteichoic acid from pneumococci stimulates human cells but not mouse cells. <i>Infection and Immunity</i> , <b>2005</b> , 73, 834-40	3.7	24
178	Regulation of CD4CD8CD25 and CD4CD8CD25 T cells by gut microbiota in chicken. <i>Scientific Reports</i> , <b>2018</b> , 8, 8627	4.9	23
177	Effects of fermented soybean meal on growth performance, diarrheal incidence and immune-response of neonatal calves. <i>Animal Science Journal</i> , <b>2010</b> , 81, 475-81	1.8	23
176	The synthetic human beta-defensin-3 C15 peptide exhibits antimicrobial activity against Streptococcus mutans, both alone and in combination with dental disinfectants. <i>Journal of Microbiology</i> , <b>2017</b> , 55, 830-836	3	22
175	Induction of BAFF expression by IFN- $\gamma$ via JAK/STAT signaling pathways in human intestinal epithelial cells. <i>Journal of Leukocyte Biology</i> , <b>2013</b> , 93, 363-8	6.5	22
174	Lipoteichoic acid from Lactobacillus plantarum induces nitric oxide production in the presence of interferon- $\gamma$ in murine macrophages. <i>Molecular Immunology</i> , <b>2011</b> , 48, 2170-7	4.3	22

173	Effects of hydrolyzed yeast supplementation in calf starter on immune responses to vaccine challenge in neonatal calves. <i>Animal</i> , <b>2011</b> , 5, 953-60	3.1	22
172	Lactobacillus plantarum Lipoteichoic Acid Inhibits Oral Multispecies Biofilm. <i>Journal of Endodontics</i> , <b>2019</b> , 45, 310-315	4.7	21
171	Anti-Inflammatory Effects of a Mixture of Lactic Acid Bacteria and Sodium Butyrate in Atopic Dermatitis Murine Model. <i>Journal of Medicinal Food</i> , <b>2018</b> , 21, 716-725	2.8	21
170	Impaired IFN- $\gamma$ production after stimulation with bacterial components by natural killer cells from gastric cancer patients. <i>Experimental Cell Research</i> , <b>2011</b> , 317, 849-58	4.2	21
169	Chlorhexidine gluconate attenuates the ability of lipoteichoic acid from Enterococcus faecalis to stimulate toll-like receptor 2. <i>Journal of Endodontics</i> , <b>2009</b> , 35, 212-5	4.7	21
168	Short-chain Fatty Acids Inhibit Staphylococcal Lipoprotein-induced Nitric Oxide Production in Murine Macrophages. <i>Immune Network</i> , <b>2019</b> , 19, e9	6.1	21
167	A Probiotic Mixture Regulates T Cell Balance and Reduces Atopic Dermatitis Symptoms in Mice. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2414	5.7	21
166	Staphylococcus aureus induces IL-8 expression through its lipoproteins in the human intestinal epithelial cell, Caco-2. <i>Cytokine</i> , <b>2015</b> , 75, 174-80	4	20
165	The effects of fermented soybean meal on immunophysiological and stress-related parameters in Holstein calves after weaning. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 5203-5212	4	20
164	Curcumin inhibits CD4(+) T cell activation, but augments CD69 expression and TGF- $\beta$ -mediated generation of regulatory T cells at late phase. <i>PLoS ONE</i> , <b>2013</b> , 8, e62300	3.7	20
163	Immunomodulatory effect of resistin in human dendritic cells stimulated with lipoteichoic acid from Staphylococcus aureus. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 376, 599-604	3.4	20
162	A semi-automated vibriocidal assay for improved measurement of cholera vaccine-induced immune responses. <i>Journal of Microbiological Methods</i> , <b>2007</b> , 71, 141-6	2.8	20
161	Hydrolyzed fumonisin B induces less inflammatory responses than fumonisin B in the co-culture model of porcine intestinal epithelial and immune cells. <i>Toxicology Letters</i> , <b>2019</b> , 305, 110-116	4.4	19
160	Induction of IL-8 expression by Cordyceps militaris grown on germinated soybeans through lipid rafts formation and signaling pathways via ERK and JNK in A549 cells. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 127, 55-61	5	19
159	Induction of indoleamine 2,3-dioxygenase expression via heme oxygenase-1-dependant pathway during murine dendritic cell maturation. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 491-505	6	19
158	Induction of Dendritic Cell Maturation and Activation by a Potential Adjuvant, 2-Hydroxypropyl- $\beta$ -Cyclodextrin. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 435	8.4	19
157	The Novel Phage vB_EfaS_HEF13 Has Broad Lytic Activity Against Clinical Isolates of. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2877	5.7	19
156	Stress, acute phase proteins and immune modulation in calves. <i>Animal Production Science</i> , <b>2014</b> , 54, 1561.4	1.4	18

155	Lipopolysaccharide of <i>Aggregatibacter actinomycetemcomitans</i> induces the expression of chemokines MCP-1, MIP-1 $\alpha$ and IP-10 via similar but distinct signaling pathways in murine macrophages. <i>Immunobiology</i> , <b>2015</b> , 220, 1067-74	3.4	18
154	Gene expression profile of human peripheral blood mononuclear cells induced by <i>Staphylococcus aureus</i> lipoteichoic acid. <i>International Immunopharmacology</i> , <b>2012</b> , 13, 454-60	5.8	18
153	Alpha-amylase is a human salivary protein with affinity to lipopolysaccharide of <i>Aggregatibacter actinomycetemcomitans</i> . <i>Molecular Oral Microbiology</i> , <b>2013</b> , 28, 142-53	4.6	18
152	<i>Streptococcus gordonii</i> lipoproteins induce IL-8 in human periodontal ligament cells. <i>Molecular Immunology</i> , <b>2017</b> , 91, 218-224	4.3	17
151	Serum bactericidal assay for the evaluation of typhoid vaccine using a semi-automated colony-counting method. <i>Microbial Pathogenesis</i> , <b>2016</b> , 97, 19-26	3.8	17
150	Systemic administration of RANKL overcomes the bottleneck of oral vaccine delivery through microfold cells in ileum. <i>Biomaterials</i> , <b>2016</b> , 84, 286-300	15.6	17
149	The effect of RNAi silencing of p62 using an osmotic polysorbitol transporter on autophagy and tumorigenesis in lungs of K-rasLA1 mice. <i>Biomaterials</i> , <b>2014</b> , 35, 1584-96	15.6	17
148	<i>Armillariella mellea</i> induces maturation of human dendritic cells without induction of cytokine expression. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 119, 153-9	5	17
147	Induction of murine interleukin-1 beta expression by water-soluble components from <i>Hericium erinaceum</i> . <i>Acta Pharmacologica Sinica</i> , <b>2006</b> , 27, 1058-64	8	17
146	Effects of Fermented Soybean Meal on Immune Response of Weaned Calves with Experimentally Induced Lipopolysaccharide Challenge. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2011</b> , 24, 957-964	2.4	17
145	Gene expression profiling of bovine mammary gland epithelial cells stimulated with lipoteichoic acid plus peptidoglycan from <i>Staphylococcus aureus</i> . <i>International Immunopharmacology</i> , <b>2014</b> , 21, 231-40	5.8	16
144	Inhibition of xenograft tumor growth in mice by gold nanoparticle-assisted delivery of short hairpin RNAs against Mcl-1L. <i>Journal of Biotechnology</i> , <b>2011</b> , 156, 89-94	3.7	16
143	Oncostatin M induces dendritic cell maturation and Th1 polarization. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 394, 272-8	3.4	16
142	<i>Hericium erinaceum</i> induces maturation of dendritic cells derived from human peripheral blood monocytes. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 14-9	6.7	16
141	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> , <b>2008</b> , 45, 3295-301	4.3	16
140	Endotoxin contamination in commercially available pokeweed mitogen contributes to the activation of murine macrophages and human dendritic cell maturation. <i>Vaccine Journal</i> , <b>2006</b> , 13, 309-13		16
139	A Bacterial Metabolite, Compound K, Induces Programmed Necrosis in MCF-7 Cells via GSK3 $\beta$ Inactivation. <i>Journal of Microbiology and Biotechnology</i> , <b>2015</b> , 25, 1170-6	3.3	16
138	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> , <b>2016</b> , 29, 436-43	2.4	16



137	Replication of classical CTX phage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 2343-2348	11.5	15
136	A new way of producing pediocin in <i>Pediococcus acidilactici</i> through intracellular stimulation by internalized inulin nanoparticles. <i>Scientific Reports</i> , <b>2018</b> , 8, 5878	4.9	15
135	Enhanced anti-cancer activity of human dendritic cells sensitized with gamma-irradiation-induced apoptotic colon cancer cells. <i>Cancer Letters</i> , <b>2013</b> , 335, 278-88	9.9	15
134	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> , <b>2013</b> , 6, 826-37	9.2	15
133	CD8- natural killer cells are greatly enriched in the human gastrointestinal tract and have the capacity to respond to bacteria. <i>Journal of Innate Immunity</i> , <b>2010</b> , 2, 294-302	6.9	15
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131	<i>Vibrio cholerae</i> OmpU induces IL-8 expression in human intestinal epithelial cells. <i>Molecular Immunology</i> , <b>2018</b> , 93, 47-54	4.3	15
130	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> , <b>2018</b> , 99, 1137-1148	3.9	15
129	Lipoteichoic Acid of <i>Enterococcus faecalis</i> Inhibits the Differentiation of Macrophages into Osteoclasts. <i>Journal of Endodontics</i> , <b>2016</b> , 42, 570-4	4.7	14
128	Propionate Ameliorates Skin Infection by Attenuating Bacterial Growth. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1363	5.7	14
127	Differential profiles of gastrointestinal proteins interacting with peptidoglycans from <i>Lactobacillus plantarum</i> and <i>Staphylococcus aureus</i> . <i>Molecular Immunology</i> , <b>2015</b> , 65, 77-85	4.3	14
126	<i>Orientia tsutsugamushi</i> infection induces CD4+ T cell activation via human dendritic cell activity. <i>Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 23, 1159-66	3.3	14
125	<i>Streptococcus gordonii</i> induces nitric oxide production through its lipoproteins stimulating Toll-like receptor 2 in murine macrophages. <i>Molecular Immunology</i> , <b>2017</b> , 82, 75-83	4.3	13
124	Induction of long-term immunity against respiratory syncytial virus glycoprotein by an osmotic polymeric nanocarrier. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 4606-4617	10.8	13
123	Sublingual administration of bacteria-expressed influenza virus hemagglutinin 1 (HA1) induces protection against infection with 2009 pandemic H1N1 influenza virus. <i>Journal of Microbiology</i> , <b>2013</b> , 51, 130-5	3	13
122	<i>Enterococcus faecalis</i> attenuates the differentiation of macrophages into osteoclasts. <i>Journal of Endodontics</i> , <b>2015</b> , 41, 658-62	4.7	13
121	Regulation of endocytosis by non-viral vectors for efficient gene activity. <i>Journal of Biomedical Nanotechnology</i> , <b>2014</b> , 10, 67-80	4	13
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118	Identification of staphylococcal lipoteichoic acid-binding proteins in human serum by high-resolution LTQ-Orbitrap mass spectrometry. <i>Molecular Immunology</i> , <b>2012</b> , 50, 177-83	4.3	12
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116	Ginsenoside Re enhances survival of human CD4+ T cells through regulation of autophagy. <i>International Immunopharmacology</i> , <b>2010</b> , 10, 626-31	5.8	12
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114	Changes in bursal B cells in chicken during embryonic development and early life after hatching. <i>Scientific Reports</i> , <b>2018</b> , 8, 16905	4.9	12
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109	Chlorophyllin suppresses interleukin-1 beta expression in lipopolysaccharide-activated RAW 264.7 cells. <i>International Immunopharmacology</i> , <b>2006</b> , 6, 252-9	5.8	11
108	Immunosuppressive effect of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) through the inhibition of T-lymphocyte proliferation and IL-2 production. <i>Toxicology</i> , <b>2006</b> , 217, 31-8	4.4	11
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85	Transparent Air Filters with Active Thermal Sterilization. <i>Nano Letters</i> , <b>2021</b> ,	11.5	8
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22	Serine-Rich Repeat Adhesins Contribute to -Induced Maturation of Human Dendritic Cells. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 523	5.7	1
21	Trp-P-1, a carcinogenic heterocyclic amine, inhibits lipopolysaccharide-induced maturation and activation of human dendritic cells. <i>Cancer Letters</i> , <b>2011</b> , 301, 63-74	9.9	1
20	Lipoteichoic Acids Possess Strain-Specific Regulatory Effects on the Biofilm Formation of Dental Pathogenic Bacteria. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 758161	5.7	1
19	Lipoteichoic acid suppresses effector T cells induced by <i>Staphylococcus aureus</i> -pulsed dendritic cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 23, 1023-30	3.3	1
18	Self-reactivity controls functional diversity of naive CD8 T cells by co-opting tonic type I interferon. <i>Nature Communications</i> , <b>2021</b> , 12, 6059	17.4	1
17	Enhanced biofilm formation of <i>Streptococcus gordonii</i> with lipoprotein deficiency. <i>Molecular Oral Microbiology</i> , <b>2020</b> , 35, 271-278	4.6	1
16	Bacterial Lipoproteins Induce BAFF Production TLR2/MyD88/JNK Signaling Pathways in Dendritic Cells. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 564699	8.4	1
15	Inhibitory Effect of Lipoteichoic Acid Derived from Three Lactobacilli on Flagellin-Induced IL-8 Production in Porcine Peripheral Blood Mononuclear Cells. <i>Probiotics and Antimicrobial Proteins</i> , <b>2021</b> , 13, 72-79	5.5	1
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3	Expect the unexpected: memorable experiences at the 2018 Council of Science Editors annual meeting. <i>Science Editing</i> , <b>2018</b> , 5, 165-167	1.2	
2	Issues advocated at 2019 annual meeting of the Council of Science Editors. <i>Science Editing</i> , <b>2019</b> , 6, 157-163		
1	Change of Dendritic Cell Subsets Involved in Protection Against Infection in Short-Term-Fasted Mice.. <i>Immune Network</i> , <b>2022</b> , 22, e16	6.1	