

# Jong-Hwan Park

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82 papers	2,382 citations	19 h-index	48 g-index
84 ext. papers	2,836 ext. citations	5.3 avg, IF	4.63 L-index

#	Paper	IF	Citations
82	Bacterial RNA and small antiviral compounds activate caspase-1 through cryopyrin/Nalp3. <i>Nature</i> , <b>2006</b> , 440, 233-6	50.4	891
81	RICK/RIP2 mediates innate immune responses induced through Nod1 and Nod2 but not TLRs. <i>Journal of Immunology</i> , <b>2007</b> , 178, 2380-6	5.3	388
80	Nod1/RICK and TLR signaling regulate chemokine and antimicrobial innate immune responses in mesothelial cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 514-21	5.3	149
79	Nanostructured glycan architecture is important in the inhibition of influenza A virus infection. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 48-54	28.7	98
78	Efficacy of bacteriophage treatment against carbapenem-resistant <i>Acinetobacter baumannii</i> in <i>Galleria mellonella</i> larvae and a mouse model of acute pneumonia. <i>BMC Microbiology</i> , <b>2019</b> , 19, 70	4.5	52
77	Mycobacterium tuberculosis RpfB drives Th1-type T cell immunity via a TLR4-dependent activation of dendritic cells. <i>Journal of Leukocyte Biology</i> , <b>2013</b> , 94, 733-49	6.5	44
76	Shiga Toxins Activate the NLRP3 Inflammasome Pathway To Promote Both Production of the Proinflammatory Cytokine Interleukin-1 $\beta$ and Apoptotic Cell Death. <i>Infection and Immunity</i> , <b>2016</b> , 84, 172-86	3.7	42
75	NLRP3 inflammasome mediates interleukin-1 $\beta$ production in immune cells in response to <i>Acinetobacter baumannii</i> and contributes to pulmonary inflammation in mice. <i>Immunology</i> , <b>2017</b> , 150, 495-505	7.8	40
74	Nod2 and Rip2 contribute to innate immune responses in mouse neutrophils. <i>Immunology</i> , <b>2014</b> , 143, 269-76	7.8	39
73	In Vivo Application of Bacteriophage as a Potential Therapeutic Agent To Control OXA-66-Like Carbapenemase-Producing <i>Acinetobacter baumannii</i> Strains Belonging to Sequence Type 357. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 4200-4208	4.8	37
72	<i>Lactobacillus curvatus</i> WiKim38 isolated from kimchi induces IL-10 production in dendritic cells and alleviates DSS-induced colitis in mice. <i>Journal of Microbiology</i> , <b>2016</b> , 54, 503-9	3	36
71	Withaferin A Inhibits <i>Helicobacter pylori</i> -induced Production of IL-1 $\beta$ in Dendritic Cells by Regulating NF- $\kappa$ B and NLRP3 Inflammasome Activation. <i>Immune Network</i> , <b>2015</b> , 15, 269-77	6.1	29
70	Essential role of toll-like receptor 4 in <i>Acinetobacter baumannii</i> -induced immune responses in immune cells. <i>Microbial Pathogenesis</i> , <b>2013</b> , 54, 20-5	3.8	27
69	Mycobacterium tuberculosis Rv3628 drives Th1-type T cell immunity via TLR2-mediated activation of dendritic cells and displays vaccine potential against the hyper-virulent Beijing K strain. <i>Oncotarget</i> , <b>2016</b> , 7, 24962-82	3.3	25
68	Withaferin A inhibits the proliferation of gastric cancer cells by inducing G2/M cell cycle arrest and apoptosis. <i>Oncology Letters</i> , <b>2017</b> , 14, 416-422	2.6	22
67	The high prevalence of <i>Helicobacter</i> sp. in porcine pyloric mucosa and its histopathological and molecular characteristics. <i>Veterinary Microbiology</i> , <b>2004</b> , 104, 219-25	3.3	22
66	Establishment of a mouse model for pulmonary inflammation and fibrosis by intratracheal instillation of polyhexamethyleneguanidine phosphate. <i>Journal of Toxicologic Pathology</i> , <b>2016</b> , 29, 95-102	1.4	21

65	Therapeutic effect of hyaluronic acid on experimental osteoarthritis of ovine temporomandibular joint. <i>Journal of Veterinary Medical Science</i> , <b>2001</b> , 63, 1083-9	1.1	20
64	Comparison of the loads and antibiotic-resistance profiles of <i>Enterococcus</i> species from conventional and organic chicken carcasses in South Korea. <i>Poultry Science</i> , <b>2018</b> , 97, 271-278	3.9	19
63	Nematicidal activity of grammicin produced by <i>Xylaria grammica</i> KCTC 13121BP against <i>Meloidogyne incognita</i> . <i>Pest Management Science</i> , <b>2018</b> , 74, 384-391	4.6	18
62	Toll-like receptor 2 promotes bacterial clearance during the initial stage of pulmonary infection with <i>Acinetobacter baumannii</i> . <i>Molecular Medicine Reports</i> , <b>2014</b> , 9, 1410-4	2.9	18
61	RICK promotes inflammation and lethality after gram-negative bacterial infection in mice stimulated with lipopolysaccharide. <i>Infection and Immunity</i> , <b>2009</b> , 77, 1569-78	3.7	18
60	Critical role of TRIF and MyD88 in <i>Mycobacterium tuberculosis</i> Hsp70-mediated activation of dendritic cells. <i>Cytokine</i> , <b>2015</b> , 71, 139-44	4	16
59	Chemotherapeutic Agent Paclitaxel Mediates Priming of NLRP3 Inflammasome Activation. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1108	8.4	15
58	<i>Mycobacterium tuberculosis</i> ESAT6 induces IFN- $\gamma$ gene expression in Macrophages via TLRs-mediated signaling. <i>Cytokine</i> , <b>2018</b> , 104, 104-109	4	15
57	Bacterial Outer Membrane Vesicles Provide Broad-Spectrum Protection against Influenza Virus Infection via Recruitment and Activation of Macrophages. <i>Journal of Innate Immunity</i> , <b>2019</b> , 11, 316-329	6.9	14
56	Nucleotide-Binding Oligomerization Domain 2 Contributes to Limiting Growth of in the Lung of Mice by Regulating Cytokines and Nitric Oxide Production. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1477	8.4	13
55	The role of nucleotide-binding oligomerization domain 1 during cytokine production by macrophages in response to <i>Mycobacterium tuberculosis</i> infection. <i>Immunobiology</i> , <b>2016</b> , 221, 70-5	3.4	12
54	Impact of Multiple Single-Nucleotide Polymorphisms Within <i>mprF</i> on Daptomycin Resistance in <i>Staphylococcus aureus</i> . <i>Microbial Drug Resistance</i> , <b>2018</b> , 24, 1075-1081	2.9	12
53	Toll/IL-1 domain-containing adaptor inducing IFN- $\gamma$ (TRIF) mediates innate immune responses in murine peritoneal mesothelial cells through TLR3 and TLR4 stimulation. <i>Cytokine</i> , <b>2016</b> , 77, 127-34	4	12
52	Comparison of the isolation rates and characteristics of <i>Salmonella</i> isolated from antibiotic-free and conventional chicken meat samples. <i>Poultry Science</i> , <b>2017</b> , 96, 2831-2838	3.9	11
51	Bacterial Secretant from Dampens Inflammasome Activation in a Quorum Sensing-Dependent Manner. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 333	8.4	11
50	Tetradecanol reduces EL-4 T cell growth by the down regulation of NF- $\kappa$ B mediated IL-2 secretion. <i>European Journal of Pharmacology</i> , <b>2017</b> , 799, 135-142	5.3	10
49	IL-10 Protects Mice From the Lung Infection of and Contributes to Bacterial Clearance by Regulating STAT3-Mediated MARCO Expression in Macrophages. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 270	8.4	10
48	Expression and Role of Nucleotide-Binding Oligomerization Domain 2 (NOD2) in the Ocular Surface of Murine Dry Eye <b>2019</b> , 60, 2641-2649		10

47	Essential engagement of Toll-like receptor 2 in initiation of early protective Th1 response against rough variants of <i>Mycobacterium abscessus</i> . <i>Infection and Immunity</i> , <b>2015</b> , 83, 1556-67	3.7	10
46	Withaferin A inhibits inflammatory responses induced by <i>Fusobacterium nucleatum</i> and <i>Aggregatibacter actinomycetemcomitans</i> in macrophages. <i>Molecular Medicine Reports</i> , <b>2016</b> , 14, 983-8	2.9	10
45	PRMT1 mediates RANKL-induced osteoclastogenesis and contributes to bone loss in ovariectomized mice. <i>Experimental and Molecular Medicine</i> , <b>2018</b> , 50, 1-15	12.8	10
44	ESAT6 Drives the Activation and Maturation of Bone Marrow-Derived Dendritic Cells via TLR4-Mediated Signaling. <i>Immune Network</i> , <b>2019</b> , 19, e13	6.1	9
43	Unveiling the Crucial Role of Type IV Secretion System and Motility of in IL-1 $\beta$ Production via NLRP3 Inflammasome Activation in Neutrophils. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1121	8.4	8
42	Isolation and identification of a flavone (quercetin) from <i>Butea frondosa</i> bark. <i>Pharmaceutical Chemistry Journal</i> , <b>2007</b> , 41, 269-271	0.9	8
41	Inhibitory effect of 1-tetradecanol on <i>Helicobacter pylori</i> -induced production of interleukin-8 and vascular endothelial growth factor in gastric epithelial cells. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 9573-9578	3.9	7
40	Glucosamine-conjugated Anionic Poly(amidoamine) Dendrimers Inhibit Interleukin-8 Production by <i>Helicobacter pylori</i> in Gastric Epithelial Cells. <i>Bulletin of the Korean Chemical Society</i> , <b>2016</b> , 37, 596-599	1.2	7
39	Complete genome sequence of the siphoviral bacteriophage $\phi$ R3177, which lyses an OXA-66-producing carbapenem-resistant <i>Acinetobacter baumannii</i> isolate. <i>Archives of Virology</i> , <b>2015</b> , 160, 3157-60	2.6	6
38	Recognition of the microbiota by Nod2 contributes to the oral adjuvant activity of cholera toxin through the induction of interleukin-1 $\beta$ . <i>Immunology</i> , <b>2019</b> , 158, 219-229	7.8	6
37	Potential role of host defense antimicrobial peptide resistance in increased virulence of health care-associated MRSA strains of sequence type (ST) 5 versus livestock-associated and community-associated MRSA strains of ST72. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2019</b> , 62, 13-18	2.6	6
36	TLR2 and the NLRP3 inflammasome mediate IL-1 $\beta$ production in -infected dendritic cells. <i>International Journal of Medical Sciences</i> , <b>2021</b> , 18, 432-440	3.7	6
35	WFDC2 Promotes Spasmolytic Polypeptide-Expressing Metaplasia Through the Up-Regulation of IL33 in Response to Injury. <i>Gastroenterology</i> , <b>2021</b> , 161, 953-967.e15	13.3	6
34	Unusual severe cases of type 1 porcine reproductive and respiratory syndrome virus (PRRSV) infection in conventionally reared pigs in South Korea. <i>BMC Veterinary Research</i> , <b>2015</b> , 11, 272	2.7	5
33	Water extract of <i>Artemisia scoparia</i> Waldst. & Kitam suppresses LPS-induced cytokine production and NLRP3 inflammasome activation in macrophages and alleviates carrageenan-induced acute inflammation in mice. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 268, 113606	5	5
32	Programmed Death Ligand 1-Expressing Classical Dendritic Cells Mitigate <i>Helicobacter</i> -Induced Gastritis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 12, 715-739	7.9	5
31	TLR2 contributes to trigger immune response of pleural mesothelial cells against <i>Mycobacterium bovis</i> BCG and <i>M. tuberculosis</i> infection. <i>Cytokine</i> , <b>2017</b> , 95, 80-87	4	4
30	Protein arginine methyltransferase 1 contributes to the development of allergic rhinitis by promoting the production of epithelial-derived cytokines. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 1720-1731	11.5	4

29	Tendril extract of suppresses NLRP3 inflammasome activation in murine macrophages and human trophoblast cells. <i>International Journal of Medical Sciences</i> , <b>2020</b> , 17, 1006-1014	3.7	3
28	Molecular and evolutionary analysis of dengue virus serotype 2 isolates from Korean travelers in 2015. <i>Archives of Virology</i> , <b>2020</b> , 165, 1739-1748	2.6	3
27	Immunomodulatory effects of ethanol extract of germinated ice plant ( <i>Mesembryanthemum crystallinum</i> ). <i>Laboratory Animal Research</i> , <b>2017</b> , 33, 32-39	1.9	3
26	Pc2-mediated SUMOylation of WWOX is essential for its suppression of DU145 prostate tumorigenesis. <i>FEBS Letters</i> , <b>2015</b> , 589, 3977-88	3.8	3
25	Anti-Helicobacter pylori activity of crude N-acetylneuraminic acid isolated from glycomacropeptide of whey. <i>Laboratory Animal Research</i> , <b>2016</b> , 32, 99-104	1.9	3
24	Melatonin Inhibits Osteoclastogenesis and Bone Loss in Ovariectomized Mice by Regulating PRMT1-Mediated Signaling. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	3
23	New 8---Hydroxylbenzylflavonol Glycosides from Pumpkin ( Duch.) Tendril and Their Osteoclast Differentiation Inhibitory Activities. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
22	Water extract of tendril of Duch. suppresses RANKL-induced osteoclastogenesis by down-regulating p38 and ERK signaling. <i>International Journal of Medical Sciences</i> , <b>2020</b> , 17, 632-639	3.7	2
21	Safflower bud inhibits RANKL-induced osteoclast differentiation and prevents bone loss in ovariectomized mice. <i>Phytomedicine</i> , <b>2017</b> , 34, 6-13	6.5	2
20	Hydroxy Pentacyclic Triterpene Acid, Kaempferol, Inhibits the Human 5-Hydroxytryptamine Type 3A Receptor Activity.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
19	Nucleotide-binding oligomerization domain 1 is dispensable for host immune responses against pulmonary infection of in mice. <i>Laboratory Animal Research</i> , <b>2018</b> , 34, 295-301	1.9	2
18	Advanced Effect of Bioconversion by on the Treatment of Atopic Dermatitis: Preliminary Study. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 7827565	2.3	2
17	Cell-free culture supernatant of <i>Lactobacillus curvatus</i> Wikim38 inhibits RANKL-induced osteoclast differentiation and ameliorates bone loss in ovariectomized mice. <i>Letters in Applied Microbiology</i> , <b>2021</b> , 73, 383-391	2.9	2
16	A role for Toll-like receptor 4 in the host response to the lung infection of <i>Yersinia pseudotuberculosis</i> in mice. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2016</b> , 44, 54-60	2.6	1
15	Adaptations of Vancomycin-Intermediate Sequence Type 72 Methicillin-Resistant <i>Staphylococcus aureus</i> for Daptomycin Nonsusceptibility. <i>Microbial Drug Resistance</i> , <b>2018</b> ,	2.9	1
14	TRIF Deficiency does not Affect Severity of Ovalbumin-induced Airway Inflammation in Mice. <i>Immune Network</i> , <b>2014</b> , 14, 249-54	6.1	1
13	Non-invasive administration of AAV to target lung parenchymal cells and develop SARS-CoV-2-susceptible mice.. <i>Molecular Therapy</i> , <b>2022</b> ,	11.7	1
12	Cathelicidin-related Antimicrobial Peptide Contributes to Host Immune Responses Against Pulmonary Infection with in Mice. <i>Immune Network</i> , <b>2020</b> , 20, e25	6.1	1

11	Germinal Center-Induced Immunity Is Correlated With Protection Against SARS-CoV-2 Reinfection But Not Lung Damage. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 1861-1872	7	1
10	Combination of vegetable soup and glucan demonstrates synergistic effects on macrophage-mediated immune responses. <i>Food Science and Biotechnology</i> , <b>2021</b> , 30, 583-588	3	1
9	Receptor-interacting protein kinase 2 contributes to host innate immune responses against <i>Fusobacterium nucleatum</i> in macrophages and decidual stromal cells. <i>American Journal of Reproductive Immunology</i> , <b>2021</b> , 86, e13403	3.8	1
8	The Nod2 Agonist Muramyl Dipeptide Cooperates with the TLR4 Agonist Lipopolysaccharide to Enhance IgG2b Production in Mouse B Cells. <i>Journal of Immunology Research</i> , <b>2019</b> , 2019, 2724078	4.5	1
7	Molecular evolution of dengue virus types 1 and 4 in Korean travelers. <i>Archives of Virology</i> , <b>2021</b> , 166, 1103-1112	2.6	1
6	Efficacy of purified Vi polysaccharide typhoid vaccine. <i>Journal of Veterinary Science</i> , <b>2002</b> , 3, 67-70	1.6	1
5	Effect of apoptosis-associated speck-like protein containing a caspase recruitment domain on vaccine efficacy: Overcoming the effects of its deficiency with aluminum hydroxide adjuvant. <i>Microbiology and Immunology</i> , <b>2018</b> , 62, 176-186	2.7	0
4	Type I Interferons Are Involved in the Intracellular Growth Control of by Mediating NOD2-Induced Production of Nitric Oxide in Macrophages. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 738070	8.4	0
3	Host- and Species-Dependent Quasispecies Divergence of Severe Acute Respiratory Syndrome Coronavirus-2 in Non-human Primate Models. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 694897	5.7	0
2	Aqueous Extracts Regulate NLRP3 Inflammasome Activation in Macrophages and Trophoblasts.. <i>Journal of Medicinal Food</i> , <b>2022</b> , 25, 503-512	2.8	0
1	The sesquiterpene lactone estafiatin exerts anti-inflammatory effects on macrophages and protects mice from sepsis induced by LPS and cecal ligation puncture.. <i>Phytomedicine</i> , <b>2022</b> , 99, 153934	6.5	