

# Suk Kim

## List of Publications by Citations

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104  
papers

1,369  
citations

20  
h-index

32  
g-index

104  
ext. papers

1,673  
ext. citations

3.5  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
104	Cellular prion protein promotes Brucella infection into macrophages. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 198, 5-17	16.6	101
103	Gold nanoparticle-DNA aptamer conjugate-assisted delivery of antimicrobial peptide effectively eliminates intracellular Salmonella enterica serovar Typhimurium. <i>Biomaterials</i> , <b>2016</b> , 104, 43-51	15.6	79
102	Lipid raft microdomains mediate class A scavenger receptor-dependent infection of Brucella abortus. <i>Microbial Pathogenesis</i> , <b>2004</b> , 37, 11-9	3.8	78
101	Isolation and characterization of mini-Tn5Km2 insertion mutants of Brucella abortus deficient in internalization and intracellular growth in HeLa cells. <i>Infection and Immunity</i> , <b>2003</b> , 71, 3020-7	3.7	75
100	Zinc uptake system (znuA locus) of Brucella abortus is essential for intracellular survival and virulence in mice. <i>Journal of Veterinary Medical Science</i> , <b>2004</b> , 66, 1059-63	1.1	75
99	Interferon-gamma promotes abortion due to Brucella infection in pregnant mice. <i>BMC Microbiology</i> , <b>2005</b> , 5, 22	4.5	62
98	Ginsenoside Rg3-enriched red ginseng extract inhibits platelet activation and thrombus formation. <i>Journal of Ginseng Research</i> , <b>2017</b> , 41, 548-555	5.8	47
97	Antimicrobial peptide-loaded gold nanoparticle-DNA aptamer conjugates as highly effective antibacterial therapeutics against Vibrio vulnificus. <i>Scientific Reports</i> , <b>2017</b> , 7, 13572	4.9	36
96	A Novel Korean Red Ginseng Compound Gintonin Inhibited Inflammation by MAPK and NF- $\kappa$ B Pathways and Recovered the Levels of mir-34a and mir-93 in RAW 264.7 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 624132	2.3	34
95	Brucella abortus nicotinamidase (PncA) contributes to its intracellular replication and infectivity in mice. <i>FEMS Microbiology Letters</i> , <b>2004</b> , 234, 289-295	2.9	34
94	Membrane sorting during swimming internalization of Brucella is required for phagosome trafficking decisions. <i>Microbial Pathogenesis</i> , <b>2002</b> , 33, 225-37	3.8	33
93	Toll-like receptor 4-linked Janus kinase 2 signaling contributes to internalization of Brucella abortus by macrophages. <i>Infection and Immunity</i> , <b>2013</b> , 81, 2448-58	3.7	31
92	Activation of NF- $\kappa$ B-Mediated TNF-Induced Antimicrobial Immunity Is Required for the Efficient Clearance in RAW 264.7 Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 437	5.9	29
91	Roles of Brucella abortus SpoT in morphological differentiation and intramacrophagic replication. <i>Microbiology (United Kingdom)</i> , <b>2005</b> , 151, 1607-1617	2.9	27
90	Interleukin 6 Promotes Clearance by Controlling Bactericidal Activity of Macrophages and CD8 T Cell Differentiation. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	25
89	Evaluation of the combined use of the recombinant Brucella abortus Omp10, Omp19 and Omp28 proteins for the clinical diagnosis of bovine brucellosis. <i>Microbial Pathogenesis</i> , <b>2015</b> , 83-84, 41-6	3.8	21
88	Brucella abortus nicotinamidase (PncA) contributes to its intracellular replication and infectivity in mice. <i>FEMS Microbiology Letters</i> , <b>2004</b> , 234, 289-95	2.9	21

87	Immunoproteomic identification of immunodominant antigens independent of the time of infection in <i>Brucella abortus</i> 2308-challenged cattle. <i>Veterinary Research</i> , <b>2015</b> , 46, 17	3.8	20
86	Hemeoxygenase 1 partly mediates the anti-inflammatory effect of dieckol in lipopolysaccharide stimulated murine macrophages. <i>International Immunopharmacology</i> , <b>2014</b> , 22, 51-8	5.8	20
85	Downregulation of chicken interleukin-17 receptor A during <i>Eimeria</i> infection. <i>Infection and Immunity</i> , <b>2014</b> , 82, 3845-54	3.7	20
84	The host immune enhancing agent Korean red ginseng oil successfully attenuates <i>Brucella abortus</i> infection in a murine model. <i>Journal of Ethnopharmacology</i> , <b>2017</b> , 198, 5-14	5	19
83	Characterization of culture supernatant proteins from <i>Brucella abortus</i> and its protection effects against murine brucellosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2014</b> , 37, 221-8	2.6	19
82	Interplay between clathrin and Rab5 controls the early phagocytic trafficking and intracellular survival of <i>Brucella abortus</i> within HeLa cells. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 28049-57	5.4	18
81	Detection of <i>Brucella canis</i> and <i>Leptospira interrogans</i> in canine semen by multiplex nested PCR. <i>Journal of Veterinary Medical Science</i> , <b>2006</b> , 68, 615-8	1.1	18
80	Comparison between Immunization Routes of Live Attenuated <i>Salmonella Typhimurium</i> Strains Expressing BCSP31, <i>Omp3b</i> , and <i>SOD</i> of <i>Brucella abortus</i> in Murine Model. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 550	5.7	16
79	The Key Role of <i>c-Fos</i> for Immune Regulation and Bacterial Dissemination in Infected Macrophage. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 287	5.9	16
78	Immunogenicity and protective effect of recombinant <i>Brucella abortus</i> Ndk (rNdk) against a virulent strain <i>B. abortus</i> 544 infection in BALB/c mice. <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362,	2.9	14
77	Characterization of betaine aldehyde dehydrogenase (BetB) as an essential virulence factor of <i>Brucella abortus</i> . <i>Veterinary Microbiology</i> , <b>2014</b> , 168, 131-40	3.3	14
76	Characterization and protective property of <i>Brucella abortus</i> <i>cydC</i> and <i>loop</i> mutants. <i>Vaccine Journal</i> , <b>2014</b> , 21, 1573-80		14
75	Molecular Detection of <i>Giardia intestinalis</i> from Stray Dogs in Animal Shelters of Gyeongsangbuk-do (Province) and Daejeon, Korea. <i>Korean Journal of Parasitology</i> , <b>2015</b> , 53, 477-81	1.7	14
74	Interleukin 10 suppresses lysosome-mediated killing of in cultured macrophages. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 3134-3144	5.4	13
73	Gintonin modulates platelet function and inhibits thrombus formation via impaired glycoprotein VI signaling. <i>Platelets</i> , <b>2019</b> , 30, 589-598	3.6	13
72	Simultaneous RNA-seq based transcriptional profiling of intracellular <i>Brucella abortus</i> and <i>B. abortus</i> -infected murine macrophages. <i>Microbial Pathogenesis</i> , <b>2017</b> , 113, 57-67	3.8	12
71	Upregulation of duck interleukin-17A during <i>Riemerella anatipestifer</i> infection. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 63, 36-46	3.2	12
70	Downregulation of inflammatory cytokines by berberine attenuates <i>Riemerella anatipestifer</i> infection in ducks. <i>Developmental and Comparative Immunology</i> , <b>2017</b> , 77, 121-127	3.2	11

69	Immunization of BALB/c mice with a combination of four recombinant <i>Brucella abortus</i> proteins, AspC, Dps, InpB and Ndk, confers a marked protection against a virulent strain of <i>Brucella abortus</i> . <i>Vaccine</i> , <b>2018</b> , 36, 3027-3033	4.1	10
68	Identification of duck IL-4 and its inhibitory effect on IL-17A expression in <i>R. anatipestifer</i> -stimulated splenic lymphocytes. <i>Molecular Immunology</i> , <b>2018</b> , 95, 20-29	4.3	10
67	Identification and expression analysis of duck interleukin-17D in <i>Riemerella anatipestifer</i> infection. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 61, 190-7	3.2	10
66	Heat-stress-modulated induction of NF- $\kappa$ B leads to brucellacidal pro-inflammatory defense against <i>Brucella abortus</i> infection in murine macrophages and in a mouse model. <i>BMC Microbiology</i> , <b>2018</b> , 18, 44	4.5	10
65	Increase of Available Phosphorus by Fly-Ash Application in Paddy Soils. <i>Communications in Soil Science and Plant Analysis</i> , <b>2007</b> , 38, 1551-1562	1.5	10
64	Seroprevalence of <i>Encephalitozoon cuniculi</i> in pet rabbits in Korea. <i>Korean Journal of Parasitology</i> , <b>2014</b> , 52, 321-3	1.7	10
63	Expression of cytokine and apoptosis-related genes in bovine peripheral blood mononuclear cells stimulated with <i>Brucella abortus</i> recombinant proteins. <i>Veterinary Research</i> , <b>2016</b> , 47, 30	3.8	9
62	Elicitation of Th1/Th2 related responses in mice by chitosan nanoparticles loaded with <i>Brucella abortus</i> malate dehydrogenase, outer membrane proteins 10 and 19. <i>International Journal of Medical Microbiology</i> , <b>2020</b> , 310, 151362	3.7	9
61	Inhibitory effect of red ginseng acidic polysaccharide from Korean red ginseng on phagocytic activity and intracellular replication of <i>Brucella abortus</i> in RAW 264.7 cells. <i>Journal of Veterinary Science</i> , <b>2016</b> , 17, 315-21	1.6	9
60	Effects of gallic acid on signaling kinases in murine macrophages and immune modulation against <i>Brucella abortus</i> 544 infection in mice. <i>Microbial Pathogenesis</i> , <b>2018</b> , 119, 255-259	3.8	9
59	Dextran sulfate sodium upregulates MAPK signaling for the uptake and subsequent intracellular survival of <i>Brucella abortus</i> in murine macrophages. <i>Microbial Pathogenesis</i> , <b>2016</b> , 91, 68-73	3.8	8
58	Mutation of purD and purF genes further attenuates <i>Brucella abortus</i> strain RB51. <i>Microbial Pathogenesis</i> , <b>2015</b> , 79, 1-7	3.8	8
57	Lipocalin 2 (Lcn2) interferes with iron uptake by <i>Brucella abortus</i> and dampens immunoregulation during infection of RAW 264.7 macrophages. <i>Cellular Microbiology</i> , <b>2018</b> , 20, e12813	3.9	8
56	The <i>in vitro</i> and <i>in vivo</i> protective effects of tannin derivatives against <i>Salmonella enterica</i> serovar Typhimurium infection. <i>Microbial Pathogenesis</i> , <b>2017</b> , 109, 86-93	3.8	7
55	Redundant effects of ketamine on the pathogenesis and severity of <i>Brucella abortus</i> infection. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2013</b> , 36, 71-81	2.6	7
54	Intracellular Trafficking Modulation by Ginsenoside Rg3 Inhibits Uptake and Intracellular Survival within RAW 264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 27, 616-623	3.3	7
53	Nocodazole treatment interrupted <i>Brucella abortus</i> invasion in RAW 264.7 cells, and successfully attenuated splenic proliferation with enhanced inflammatory response in mice. <i>Microbial Pathogenesis</i> , <b>2017</b> , 103, 87-93	3.8	6
52	<i>Riemerella anatipestifer</i> infection in ducks induces IL-17A production, but not IL-23p19. <i>Scientific Reports</i> , <b>2019</b> , 9, 13269	4.9	6

51	Molecular cloning, characterization and mRNA expression of duck interleukin-17F. <i>Veterinary Immunology and Immunopathology</i> , <b>2015</b> , 164, 194-200	2	6
50	Molecular cloning, purification and immunogenicity of recombinant Brucella abortus 544 malate dehydrogenase protein. <i>Journal of Veterinary Science</i> , <b>2016</b> , 17, 119-22	1.6	6
49	The effects of red ginseng saponin fraction-A (RGSF-A) on phagocytosis and intracellular signaling in Brucella abortus infected RAW 264.7 cells. <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362,	2.9	5
48	Influence of platelet-activating factor receptor (PAFR) on Brucella abortus infection: implications for manipulating the phagocytic strategy of B. abortus. <i>BMC Microbiology</i> , <b>2016</b> , 16, 70	4.5	5
47	Cytokines production and toll-like receptors expression in human leukemic monocyte cells, THP-1, stimulated with Brucella abortus cellular antigens. <i>Microbial Pathogenesis</i> , <b>2018</b> , 122, 7-12	3.8	5
46	Comparative Analysis of Immune Responses to Outer Membrane Antigens OMP10, OMP19, and OMP28 of Brucella abortus. <i>Japanese Journal of Infectious Diseases</i> , <b>2018</b> , 71, 197-204	2.7	5
45	Th2-related immune responses by the Brucella abortus cellular antigens, malate dehydrogenase, elongation factor, and arginase. <i>Microbial Pathogenesis</i> , <b>2017</b> , 110, 7-13	3.8	5
44	Immunization With a Combination of Four Recombinant Proteins Omp16, Omp19, Omp28, and L7/L12 Induces T Helper 1 Immune Response Against Virulent 544 Infection in BALB/c Mice. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 577026	3.1	5
43	Chemokine receptor 4 (CXCR4) blockade enhances resistance to bacterial internalization in RAW264.7 cells and AMD3100, a CXCR4 antagonist, attenuates susceptibility to Brucella abortus 544 infection in a murine model. <i>Veterinary Microbiology</i> , <b>2019</b> , 237, 108402	3.3	4
42	Interleukin 1 alpha (IL-1 $\alpha$ ) restricts Brucella abortus 544 survival through promoting lysosomal-mediated killing and NO production in macrophages. <i>Veterinary Microbiology</i> , <b>2019</b> , 232, 128-136	3.3	4
41	An evaluation of ELISA using recombinant Brucella abortus bacterioferritin (Bfr) for bovine brucellosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2016</b> , 45, 16-9	2.6	4
40	Tannic acid-mediated immune activation attenuates infection in mice. <i>Journal of Veterinary Science</i> , <b>2018</b> , 19, 51-57	1.6	4
39	Identification of alternatively spliced isoforms of interleukin-2/15 receptor $\beta$ chain in ducks. <i>Veterinary Immunology and Immunopathology</i> , <b>2014</b> , 162, 154-61	2	4
38	Application of a solid-phase fluorescence immunoassay to determine oxytetracycline and tetracycline residues in tissue of olive flounder ( <i>Paralichthys olivaceus</i> ). <i>Journal of Veterinary Medical Science</i> , <b>2006</b> , 68, 1243-5	1.1	4
37	Immunization of Mice with Recombinant Brucella abortus Organic Hydroperoxide Resistance (Ohr) Protein Protects Against a Virulent Brucella abortus 544 Infection. <i>Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 26, 190-6	3.3	4
36	Inhibitory Effect of the Ethanol Extract of a Rice Bran Mixture Comprising , and on Uptake by Professional and Nonprofessional Phagocytes. <i>Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 27, 1885-1891	3.3	4
35	The Bactericidal Effect of High Temperature Is an Essential Resistance Mechanism of Chicken Macrophage against Infection. <i>Journal of Microbiology and Biotechnology</i> , <b>2017</b> , 27, 1837-1843	3.3	4
34	Emodin Successfully Inhibited Invasion of Via Modulating Adherence, Microtubule Dynamics and ERK Signaling Pathway in RAW 264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 1723-1729	3.3	4

33	Prostaglandin I2 (PGI) inhibits <i>Brucella abortus</i> internalization in macrophages via PGI receptor signaling, and its analogue affects immune response and disease outcome in mice. <i>Developmental and Comparative Immunology</i> , <b>2021</b> , 115, 103902	3.2	4
32	An evaluation of the use of immunoglobulin A antibody response against mycobacterial antigens for the diagnosis of <i>Mycobacterium bovis</i> infection in cattle. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2015</b> , 27, 344-51	1.5	3
31	Immunogenicity and protective response induced by recombinant <i>Brucella abortus</i> proteins Adk, SecB and combination of these two recombinant proteins against a virulent strain <i>B. abortus</i> 544 infection in BALB/c mice. <i>Microbial Pathogenesis</i> , <b>2020</b> , 143, 104137	3.8	3
30	Immune Modulation of Recombinant OmpA against <i>Brucella abortus</i> 544 Infection in Mice. <i>Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 26, 603-9	3.3	3
29	β-Sitosterol Contributes in the Resistance to Invasion and Survival of 544 within RAW264.7 Cells, and Cytokine Production with Reduced Susceptibility to Infection in BALB/c Mice. <i>Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 30, 482-489	3.3	3
28	Different strategies for producing naturally soluble form of common cytokine receptor γchain. <i>Developmental and Comparative Immunology</i> , <b>2015</b> , 48, 13-21	3.2	2
27	Adenosine receptor Adora2b antagonism attenuates <i>Brucella abortus</i> 544 infection in professional phagocyte RAW 264.7 cells and BALB/c mice. <i>Veterinary Microbiology</i> , <b>2020</b> , 242, 108586	3.3	2
26	IL-17A treatment influences murine susceptibility to experimental <i>Riemerella anatipestifer</i> infection. <i>Developmental and Comparative Immunology</i> , <b>2020</b> , 106, 103633	3.2	2
25	Long-term excretion of Shiga toxin-producing <i>Escherichia coli</i> (STEC) and experimental infection of a sheep with O157. <i>Journal of Veterinary Medical Science</i> , <b>2002</b> , 64, 927-31	1.1	2
24	Substantial Protective Immunity Conferred by a Combination of Recombinant Proteins against 544 Infection in BALB/c Mice. <i>Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 29, 330-338	3.3	2
23	Modulatory Effect of Linoleic Acid During 544 Infection in Murine Macrophage RAW264.7 Cells and Murine Model BALB/c Mice. <i>Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 30, 642-648	3.3	2
22	Ciglitazone, a peroxisome proliferator-activated receptor gamma ligand, inhibits proliferation and differentiation of th17 cells. <i>Biomolecules and Therapeutics</i> , <b>2015</b> , 23, 71-6	4.2	2
21	Downregulation of common cytokine receptor γchain inhibits inflammatory responses in macrophages stimulated with <i>Riemerella anatipestifer</i> . <i>Developmental and Comparative Immunology</i> , <b>2018</b> , 81, 225-234	3.2	2
20	The immunomodulatory effect of antimicrobial peptide HPA3P restricts <i>Brucella abortus</i> 544 infection in BALB/c mice. <i>Veterinary Microbiology</i> , <b>2018</b> , 225, 17-24	3.3	2
19	Syk-MyD88 Axis Is a Critical Determinant of Inflammatory-Response in Activated Macrophages.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 767366	8.4	2
18	Microplate Agglutination Test for Canine Brucellosis Using Recombinant Antigen-Coated Beads. <i>International Scholarly Research Notices</i> , <b>2014</b> , 2014, 348529	0	1
17	Jacq. Exhibits Antiobesity Properties and Potentially Induces Browning of White Adipose Tissue. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2020</b> , 2020, 9358563	2.3	1
16	Transcriptomic profiling of phospholipase A2 and the role of arachidonic acid during <i>Brucella abortus</i> 544 infection in both in vitro and in vivo systems. <i>Microbial Pathogenesis</i> , <b>2021</b> , 152, 104655	3.8	1

15	Formyl peptide receptor 2 (FPR2) antagonism is a potential target for the prevention of <i>Brucella abortus</i> 544 infection. <i>Immunobiology</i> , <b>2021</b> , 226, 152073	3.4	1
14	Anticoccidial Activity of Berberine against <i>Eimeria</i> -Infected Chickens. <i>Korean Journal of Parasitology</i> , <b>2021</b> , 59, 403-408	1.7	1
13	Immune-metabolic receptor GPR84 surrogate and endogenous agonists, 6-OAU and lauric acid, alter <i>Brucella abortus</i> 544 infection in both in vitro and in vivo systems. <i>Microbial Pathogenesis</i> , <b>2021</b> , 158, 105079	3.8	1
12	Protection of palmitic acid treatment in RAW264.7 cells and BALB/c mice during 544 infection. <i>Journal of Veterinary Science</i> , <b>2021</b> , 22, e18	1.6	1
11	Duck Interleukin-22: Identification and Expression Analysis in Infection. <i>Journal of Immunology Research</i> , <b>2021</b> , 2021, 3862492	4.5	0
10	Cobalt (II) Chloride Regulates the Invasion and Survival of <i>Brucella abortus</i> 544 in RAW 264.7 Cells and B6 Mice. <i>Pathogens</i> , <b>2022</b> , 11, 596	4.5	0
9	Seroreactive Mycobacterial Proteins and Lipid in Cattle with Bovine Tuberculosis. <i>Journal of Bacteriology and Virology</i> , <b>2015</b> , 45, 112	0.3	
8	Anti-inflammatory activity of diindolylmethane alleviates <i>Riemerella anatipestifer</i> infection in ducks. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242198	3.7	
7	Head Tilt Associated with Encephalitozoonosis in Four Pet Rabbits. <i>Journal of Veterinary Clinics</i> , <b>2015</b> , 32, 212	0.1	
6	The C-terminus of <i>Brucella abortus</i> MviN induces humoral and cell mediated immune responses in BALB/c mice that protects against the virulent <i>Brucella</i> 544 challenge. <i>Journal of Immunological Methods</i> , <b>2021</b> , 493, 113005	2.5	
5	Global metabolomic analysis of blood from mice infected with <i>Brucella abortus</i> . <i>Journal of Veterinary Medical Science</i> , <b>2021</b> , 83, 482-486	1.1	
4	Anti-inflammatory activity of diindolylmethane alleviates <i>Riemerella anatipestifer</i> infection in ducks <b>2020</b> , 15, e0242198		
3	Anti-inflammatory activity of diindolylmethane alleviates <i>Riemerella anatipestifer</i> infection in ducks <b>2020</b> , 15, e0242198		
2	Anti-inflammatory activity of diindolylmethane alleviates <i>Riemerella anatipestifer</i> infection in ducks <b>2020</b> , 15, e0242198		
1	Anti-inflammatory activity of diindolylmethane alleviates <i>Riemerella anatipestifer</i> infection in ducks <b>2020</b> , 15, e0242198		