Suk Kim

List of Publications by Year in Descending Order

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	Cobalt (II) Chloride Regulates the Invasion and Survival of Brucella abortus 544 in RAW 264.7 Cells and B6 Mice. *Pathogens*, **2022**, 11, 596	4.5	0
103	Duck Interleukin-22: Identification and Expression Analysis in Infection. *Journal of Immunology Research*, **2021**, 2021, 3862492	4.5	0
102	Transcriptomic profiling of phospholipase A2 and the role of arachidonic acid during Brucella abortus 544 infection in both in vitro and in vivo systems. *Microbial Pathogenesis*, **2021**, 152, 104655	3.8	1
101	Formyl peptide receptor 2 (FPR2) antagonism is a potential target for the prevention of Brucella abortus 544 infection. *Immunobiology*, **2021**, 226, 152073	3.4	1
100	The C-terminus of Brucella abortus MviN induces humoral and cell mediated immune responses in BALB/c mice that protects against the virulent Brucella 544 challenge. *Journal of Immunological Methods*, **2021**, 493, 113005	2.5	
99	Prostaglandin I2 (PGI) inhibits Brucella abortus internalization in macrophages via PGI receptor signaling, and its analogue affects immune response and disease outcome in mice. *Developmental and Comparative Immunology*, **2021**, 115, 103902	3.2	4
98	Global metabolomic analysis of blood from mice infected with Brucella abortus. *Journal of Veterinary Medical Science*, **2021**, 83, 482-486	1.1	
97	Anticoccidial Activity of Berberine against Eimeria-Infected Chickens. *Korean Journal of Parasitology* , **2021**, 59, 403-408	1.7	1
96	Immune-metabolic receptor GPR84 surrogate and endogenous agonists, 6-OAU and lauric acid, alter Brucella abortus 544 infection in both in vitro and in vivo systems. *Microbial Pathogenesis*, **2021**, 158, 105079	3.8	1
95	Protection of palmitic acid treatment in RAW264.7 cells and BALB/c mice during 544 infection. *Journal of Veterinary Science*, **2021**, 22, e18	1.6	1
94	Syk-MyD88 Axis Is a Critical Determinant of Inflammatory-Response in Activated Macrophages.. *Frontiers in Immunology*, **2021**, 12, 767366	8.4	2
93	Immunogenicity and protective response induced by recombinant Brucella abortus proteins Adk, SecB and combination of these two recombinant proteins against a virulent strain B. abortus 544 infection in BALB/c mice. *Microbial Pathogenesis*, **2020**, 143, 104137	3.8	3
92	Adenosine receptor Adora2b antagonism attenuates Brucella abortus 544 infection in professional phagocyte RAW 264.7 cells and BALB/c mice. *Veterinary Microbiology*, **2020**, 242, 108586	3.3	2
91	IL-17A treatment influences murine susceptibility to experimental Riemerella anatipestifer infection. *Developmental and Comparative Immunology*, **2020**, 106, 103633	3.2	2
90	Anti-inflammatory activity of diindolylmethane alleviates Riemerella anatipestifer infection in ducks. *PLoS ONE*, **2020**, 15, e0242198	3.7	
89	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. *Journal of Microbiology and Biotechnology*, **2020**, 30, 482-489	3.3	3
88	Modulatory Effect of Linoleic Acid During 544 Infection in Murine Macrophage RAW264.7 Cells and Murine Model BALB/c Mice. *Journal of Microbiology and Biotechnology*, **2020**, 30, 642-648	3.3	2

87	Jacq. Exhibits Antiobesity Properties and Potentially Induces Browning of White Adipose Tissue. *Evidence-based Complementary and Alternative Medicine*, **2020**, 2020, 9358563	2.3	1
86	Elicitation of Th1/Th2 related responses in mice by chitosan nanoparticles loaded with Brucella abortus malate dehydrogenase, outer membrane proteins 10 and 19. *International Journal of Medical Microbiology*, **2020**, 310, 151362	3.7	9
85	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. *Frontiers in Veterinary Science*, **2020**, 7, 577026	3.1	5
84	Anti-inflammatory activity of diindolylmethane alleviates Riemerella anatipestifer infection in ducks **2020**, 15, e0242198		
83	Anti-inflammatory activity of diindolylmethane alleviates Riemerella anatipestifer infection in ducks **2020**, 15, e0242198		
82	Anti-inflammatory activity of diindolylmethane alleviates Riemerella anatipestifer infection in ducks **2020**, 15, e0242198		
81	Anti-inflammatory activity of diindolylmethane alleviates Riemerella anatipestifer infection in ducks **2020**, 15, e0242198		
80	Interleukin 6 Promotes Clearance by Controlling Bactericidal Activity of Macrophages and CD8 T Cell Differentiation. *Infection and Immunity*, **2019**, 87,	3.7	25
79	Riemerella anatipestifer infection in ducks induces IL-17A production, but not IL-23p19. *Scientific Reports*, **2019**, 9, 13269	4.9	6
78	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. *Veterinary Microbiology*, **2019**, 237, 108402	3.3	4
77	Interleukin 1 alpha (IL-1) restricts Brucella abortus 544 survival through promoting lysosomal-mediated killing and NO production in macrophages. *Veterinary Microbiology*, **2019**, 232, 128-136	3.3	4
76	Gintonin modulates platelet function and inhibits thrombus formation via impaired glycoprotein VI signaling. *Platelets*, **2019**, 30, 589-598	3.6	13
75	Substantial Protective Immunity Conferred by a Combination of Recombinant Proteins against 544 Infection in BALB/c Mice. *Journal of Microbiology and Biotechnology*, **2019**, 29, 330-338	3.3	2
74	Immunization of BALB/c mice with a combination of four recombinant Brucella abortus proteins, AspC, Dps, InpB and Ndk, confers a marked protection against a virulent strain of Brucella abortus. *Vaccine*, **2018**, 36, 3027-3033	4.1	10
73	Identification of duck IL-4 and its inhibitory effect on IL-17A expression in R. anatipestifer-stimulated splenic lymphocytes. *Molecular Immunology*, **2018**, 95, 20-29	4.3	10
72	Interleukin 10 suppresses lysosome-mediated killing of in cultured macrophages. *Journal of Biological Chemistry*, **2018**, 293, 3134-3144	5.4	13
71	Heat-stress-modulated induction of NF-B leads to brucellacidal pro-inflammatory defense against Brucella abortus infection in murine macrophages and in a mouse model. *BMC Microbiology*, **2018**, 18, 44	4.5	10
70	Tannic acid-mediated immune activation attenuates infection in mice. *Journal of Veterinary Science*, **2018**, 19, 51-57	1.6	4

69	Cytokines production and toll-like receptors expression in human leukemic monocyte cells, THP-1, stimulated with Brucella abortus cellular antigens. *Microbial Pathogenesis*, **2018**, 122, 7-12	3.8	5
68	Comparative Analysis of Immune Responses to Outer Membrane Antigens OMP10, OMP19, and OMP28 of Brucella abortus. *Japanese Journal of Infectious Diseases*, **2018**, 71, 197-204	2.7	5
67	Emodin Successfully Inhibited Invasion of Via Modulting Adherence, Microtubule Dynamics and ERK Signaling Pathway in RAW 264.7 Cells. *Journal of Microbiology and Biotechnology*, **2018**, 28, 1723-1729	3.3	4
66	Lipocalin 2 (Lcn2) interferes with iron uptake by Brucella abortus and dampens immunoregulation during infection of RAW 264.7 macrophages. *Cellular Microbiology*, **2018**, 20, e12813	3.9	8
65	Downregulation of common cytokine receptor □chain inhibits inflammatory responses in macrophages stimulated with Riemerella anatipestifer. *Developmental and Comparative Immunology*, **2018**, 81, 225-234	3.2	2
64	The immunomodulatory effect of antimicrobial peptide HPA3P restricts Brucella abortus 544 infection in BALB/c mice. *Veterinary Microbiology*, **2018**, 225, 17-24	3.3	2
63	The Key Role of c-Fos for Immune Regulation and Bacterial Dissemination in Infected Macrophage. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 287	5.9	16
62	Effects of gallic acid on signaling kinases in murine macrophages and immune modulation against Brucella abortus 544 infection in mice. *Microbial Pathogenesis*, **2018**, 119, 255-259	3.8	9
61	Nocodazole treatment interrupted Brucella abortus invasion in RAW 264.7 cells, and successfully attenuated splenic proliferation with enhanced inflammatory response in mice. *Microbial Pathogenesis*, **2017**, 103, 87-93	3.8	6
60	The in□vitro and in□vivo protective effects of tannin derivatives against Salmonella enterica serovar Typhimurium infection. *Microbial Pathogenesis*, **2017**, 109, 86-93	3.8	7
59	Ginsenoside Rg3-enriched red ginseng extract inhibits platelet activation and thrombus formation. *Journal of Ginseng Research*, **2017**, 41, 548-555	5.8	47
58	The host immune enhancing agent Korean red ginseng oil successfully attenuates Brucella abortus infection in a murine model. *Journal of Ethnopharmacology*, **2017**, 198, 5-14	5	19
57	Simultaneous RNA-seq based transcriptional profiling of intracellular Brucella abortus and B. abortus-infected murine macrophages. *Microbial Pathogenesis*, **2017**, 113, 57-67	3.8	12
56	Antimicrobial peptide-loaded gold nanoparticle-DNA aptamer conjugates as highly effective antibacterial therapeutics against Vibrio vulnificus. *Scientific Reports*, **2017**, 7, 13572	4.9	36
55	Downregulation of inflammatory cytokines by berberine attenuates Riemerella anatipestifer infection in ducks. *Developmental and Comparative Immunology*, **2017**, 77, 121-127	3.2	11
54	Th2-related immune responses by the Brucella abortus cellular antigens, malate dehydrogenase, elongation factor, and arginase. *Microbial Pathogenesis*, **2017**, 110, 7-13	3.8	5
53	Activation of NF-B-Mediated TNF-Induced Antimicrobial Immunity Is Required for the Efficient Clearance in RAW 264.7 Cells. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 437	5.9	29
52	Intracellular Trafficking Modulation by Ginsenoside Rg3 Inhibits Uptake and Intracellular Survival within RAW 264.7 Cells. *Journal of Microbiology and Biotechnology*, **2017**, 27, 616-623	3.3	7

51	Inhibitory Effect of the Ethanol Extract of a Rice Bran Mixture Comprising , and on Uptake by Professional and Nonprofessional Phagocytes. *Journal of Microbiology and Biotechnology*, **2017**, 27, 1885-1891	3.3	4
50	The Bactericidal Effect of High Temperature Is an Essential Resistance Mechanism of Chicken Macrophage against Infection. *Journal of Microbiology and Biotechnology*, **2017**, 27, 1837-1843	3.3	4
49	Gold nanoparticle-DNA aptamer conjugate-assisted delivery of antimicrobial peptide effectively eliminates intracellular Salmonella enterica serovar Typhimurium. *Biomaterials*, **2016**, 104, 43-51	15.6	79
48	Identification and expression analysis of duck interleukin-17D in Riemerella anatipestifer infection. *Developmental and Comparative Immunology*, **2016**, 61, 190-7	3.2	10
47	Influence of platelet-activating factor receptor (PAFR) on Brucella abortus infection: implications for manipulating the phagocytic strategy of B. abortus. *BMC Microbiology*, **2016**, 16, 70	4.5	5
46	Expression of cytokine and apoptosis-related genes in bovine peripheral blood mononuclear cells stimulated with Brucella abortus recombinant proteins. *Veterinary Research*, **2016**, 47, 30	3.8	9
45	An evaluation of ELISA using recombinant Brucella abortus bacterioferritin (Bfr) for bovine brucellosis. *Comparative Immunology, Microbiology and Infectious Diseases*, **2016**, 45, 16-9	2.6	4
44	Dextran sulfate sodium upregulates MAPK signaling for the uptake and subsequent intracellular survival of Brucella abortus in murine macrophages. *Microbial Pathogenesis*, **2016**, 91, 68-73	3.8	8
43	Immunization of Mice with Recombinant Brucella abortus Organic Hydroperoxide Resistance (Ohr) Protein Protects Against a Virulent Brucella abortus 544 Infection. *Journal of Microbiology and Biotechnology*, **2016**, 26, 190-6	3.3	4
42	Immune Modulation of Recombinant OmpA against Brucella abortus 544 Infection in Mice. *Journal of Microbiology and Biotechnology*, **2016**, 26, 603-9	3.3	3
41	Molecular cloning, purification and immunogenicity of recombinant Brucella abortus 544 malate dehydrogenase protein. *Journal of Veterinary Science*, **2016**, 17, 119-22	1.6	6
40	Inhibitory effect of red ginseng acidic polysaccharide from Korean red ginseng on phagocytic activity and intracellular replication of Brucella abortus in RAW 264.7 cells. *Journal of Veterinary Science*, **2016**, 17, 315-21	1.6	9
39	Comparison between Immunization Routes of Live Attenuated Salmonella Typhimurium Strains Expressing BCSP31, Omp3b, and SOD of Brucella abortus in Murine Model. *Frontiers in Microbiology* , **2016**, 7, 550	5.7	16
38	Upregulation of duck interleukin-17A during Riemerella anatipestifer infection. *Developmental and Comparative Immunology*, **2016**, 63, 36-46	3.2	12
37	Immunoproteomic identification of immunodominant antigens independent of the time of infection in Brucella abortus 2308-challenged cattle. *Veterinary Research*, **2015**, 46, 17	3.8	20
36	Immunogenicity and protective effect of recombinant Brucella abortus Ndk (rNdk) against a virulent strain B. abortus 544 infection in BALB/c mice. *FEMS Microbiology Letters*, **2015**, 362,	2.9	14
35	Molecular cloning, characterization and mRNA expression of duck interleukin-17F. *Veterinary Immunology and Immunopathology*, **2015**, 164, 194-200	2	6
34	The effects of red ginseng saponin fraction-A (RGSF-A) on phagocytosis and intracellular signaling in Brucella abortus infected RAW 264.7 cells. *FEMS Microbiology Letters*, **2015**, 362,	2.9	5

33	An evaluation of the use of immunoglobulin A antibody response against mycobacterial antigens for the diagnosis of Mycobacterium bovis infection in cattle. *Journal of Veterinary Diagnostic Investigation*, **2015**, 27, 344-51	1.5	3
32	Different strategies for producing naturally soluble form of common cytokine receptor chain. *Developmental and Comparative Immunology*, **2015**, 48, 13-21	3.2	2
31	Seroreactive Mycobacterial Proteins and Lipid in Cattle with Bovine Tuberculosis. *Journal of Bacteriology and Virology*, **2015**, 45, 112	0.3	
30	A Novel Korean Red Ginseng Compound Gintonin Inhibited Inflammation by MAPK and NF-B Pathways and Recovered the Levels of mir-34a and mir-93 in RAW 264.7 Cells. *Evidence-based Complementary and Alternative Medicine*, **2015**, 2015, 624132	2.3	34
29	Evaluation of the combined use of the recombinant Brucella abortus Omp10, Omp19 and Omp28 proteins for the clinical diagnosis of bovine brucellosis. *Microbial Pathogenesis*, **2015**, 83-84, 41-6	3.8	21
28	Mutation of purD and purF genes further attenuates Brucella abortus strain RB51. *Microbial Pathogenesis*, **2015**, 79, 1-7	3.8	8
27	Molecular Detection of Giardia intestinalis from Stray Dogs in Animal Shelters of Gyeongsangbuk-do (Province) and Daejeon, Korea. *Korean Journal of Parasitology*, **2015**, 53, 477-81	1.7	14
26	Ciglitazone, a peroxisome proliferator-activated receptor gamma ligand, inhibits proliferation and differentiation of th17 cells. *Biomolecules and Therapeutics*, **2015**, 23, 71-6	4.2	2
25	Head Tilt Associated with Encephalitozoonosis in Four Pet Rabbits. *Journal of Veterinary Clinics*, **2015**, 32, 212	0.1	
24	Hemeoxygenase 1 partly mediates the anti-inflammatory effect of dieckol in lipopolysaccharide stimulated murine macrophages. *International Immunopharmacology*, **2014**, 22, 51-8	5.8	20
23	Characterization of culture supernatant proteins from Brucella abortus and its protection effects against murine brucellosis. *Comparative Immunology, Microbiology and Infectious Diseases*, **2014**, 37, 221-8	2.6	19
22	Characterization of betaine aldehyde dehydrogenase (BetB) as an essential virulence factor of Brucella abortus. *Veterinary Microbiology*, **2014**, 168, 131-40	3.3	14
21	Microplate Agglutination Test for Canine Brucellosis Using Recombinant Antigen-Coated Beads. *International Scholarly Research Notices*, **2014**, 2014, 348529	0	1
20	Downregulation of chicken interleukin-17 receptor A during Eimeria infection. *Infection and Immunity*, **2014**, 82, 3845-54	3.7	20
19	Identification of alternatively spliced isoforms of interleukin-2/15 receptor chain in ducks. *Veterinary Immunology and Immunopathology*, **2014**, 162, 154-61	2	4
18	Characterization and protective property of Brucella abortus cydC and looP mutants. *Vaccine Journal*, **2014**, 21, 1573-80		14
17	Seroprevalence of Encephalitozoon cuniculi in pet rabbits in Korea. *Korean Journal of Parasitology*, **2014**, 52, 321-3	1.7	10
16	Redundant effects of ketamine on the pathogenesis and severity of Brucella abortus infection. *Comparative Immunology, Microbiology and Infectious Diseases*, **2013**, 36, 71-81	2.6	7

15	Interplay between clathrin and Rab5 controls the early phagocytic trafficking and intracellular survival of Brucella abortus within HeLa cells. *Journal of Biological Chemistry*, **2013**, 288, 28049-57	5.4	18
14	Toll-like receptor 4-linked Janus kinase 2 signaling contributes to internalization of Brucella abortus by macrophages. *Infection and Immunity*, **2013**, 81, 2448-58	3.7	31
13	Increase of Available Phosphorus by Fly-Ash Application in Paddy Soils. *Communications in Soil Science and Plant Analysis*, **2007**, 38, 1551-1562	1.5	10
12	Detection of Brucella canis and Leptospira interrogans in canine semen by multiplex nested PCR. *Journal of Veterinary Medical Science*, **2006**, 68, 615-8	1.1	18
11	Application of a solid-phase fluorescence immunoassay to determine oxytetracycline and tetracycline residues in tissue of olive flounder (Paralichthys olivaceus). *Journal of Veterinary Medical Science*, **2006**, 68, 1243-5	1.1	4
10	Interferon-gamma promotes abortion due to Brucella infection in pregnant mice. *BMC Microbiology* , **2005**, 5, 22	4.5	62
9	Roles of Brucella abortus SpoT in morphological differentiation and intramacrophagic replication. *Microbiology (United Kingdom)*, **2005**, 151, 1607-1617	2.9	27
8	Brucella abortusnicotinamidase (PncA) contributes to its intracellular replication and infectivity in mice. *FEMS Microbiology Letters*, **2004**, 234, 289-295	2.9	34
7	Lipid raft microdomains mediate class A scavenger receptor-dependent infection of Brucella abortus. *Microbial Pathogenesis*, **2004**, 37, 11-9	3.8	78
6	Zinc uptake system (znuA locus) of Brucella abortus is essential for intracellular survival and virulence in mice. *Journal of Veterinary Medical Science*, **2004**, 66, 1059-63	1.1	75
5	Brucella abortus nicotinamidase (PncA) contributes to its intracellular replication and infectivity in mice. *FEMS Microbiology Letters*, **2004**, 234, 289-95	2.9	21
4	Isolation and characterization of mini-Tn5Km2 insertion mutants of Brucella abortus deficient in internalization and intracellular growth in HeLa cells. *Infection and Immunity*, **2003**, 71, 3020-7	3.7	75
3	Cellular prion protein promotes Brucella infection into macrophages. *Journal of Experimental Medicine*, **2003**, 198, 5-17	16.6	101
2	Long-term excretion of Shiga toxin-producing Escherichia coli (STEC) and experimental infection of a sheep with O157. *Journal of Veterinary Medical Science*, **2002**, 64, 927-31	1.1	2
1	Membrane sorting during swimming internalization of Brucella is required for phagosome trafficking decisions. *Microbial Pathogenesis*, **2002**, 33, 225-37	3.8	33