

Suk Kim

List of Publications by Year in descending order

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104
papers

1,921
citations

279701

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315616

38
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104
all docs

104
docs citations

104
times ranked

2134
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular Prion Protein Promotes Brucella Infection into Macrophages. Journal of Experimental Medicine, 2003, 198, 5-17.	4.2	124
2	Gold nanoparticle-DNA aptamer conjugate-assisted delivery of antimicrobial peptide effectively eliminates intracellular Salmonella enterica serovar Typhimurium. Biomaterials, 2016, 104, 43-51.	5.7	106
3	Lipid raft microdomains mediate class A scavenger receptor-dependent infection of Brucella abortus. Microbial Pathogenesis, 2004, 37, 11-19.	1.3	90
4	Zinc Uptake System (znuA Locus) of Brucella abortus is Essential for Intracellular Survival and Virulence in Mice. Journal of Veterinary Medical Science, 2004, 66, 1059-1063.	0.3	88
5	Isolation and Characterization of Mini-Tn 5 Km2 Insertion Mutants of Brucella abortus Deficient in Internalization and Intracellular Growth in HeLa Cells. Infection and Immunity, 2003, 71, 3020-3027.	1.0	79
6	Interferon-gamma promotes abortion due to Brucella infection in pregnant mice. BMC Microbiology, 2005, 5, 22.	1.3	79
7	Activation of NF- κ B-Mediated TNF-Induced Antimicrobial Immunity Is Required for the Efficient Brucella abortus Clearance in RAW 264.7 Cells. Frontiers in Cellular and Infection Microbiology, 2017, 7, 437.	1.8	67
8	Ginsenoside Rg3-enriched red ginseng extract inhibits platelet activation and in vivo thrombus formation. Journal of Ginseng Research, 2017, 41, 548-555.	3.0	59
9	Brucella abortus nicotinamidase (PncA) contributes to its intracellular replication and infectivity in mice. FEMS Microbiology Letters, 2004, 234, 289-295.	0.7	50
10	Antimicrobial peptide-loaded gold nanoparticle-DNA aptamer conjugates as highly effective antibacterial therapeutics against Vibrio vulnificus. Scientific Reports, 2017, 7, 13572.	1.6	48
11	Toll-Like Receptor 4-Linked Janus Kinase 2 Signaling Contributes to Internalization of Brucella abortus by Macrophages. Infection and Immunity, 2013, 81, 2448-2458.	1.0	43
12	A Novel Korean Red Ginseng Compound Gintonin Inhibited Inflammation by MAPK and NF- κ 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, 1-11.	0.5	41
13	The Key Role of c-Fos for Immune Regulation and Bacterial Dissemination in Brucella Infected Macrophage. Frontiers in Cellular and Infection Microbiology, 2018, 8, 287.	1.8	40
14	Membrane sorting during swimming internalization of Brucella is required for phagosome trafficking decisions. Microbial Pathogenesis, 2002, 33, 225-237.	1.3	37
15	Roles of Brucella abortus SpoT in morphological differentiation and intramacrophagic replication. Microbiology (United Kingdom), 2005, 151, 1607-1617.	0.7	32
16	Simultaneous RNA-seq based transcriptional profiling of intracellular Brucella abortus and B. abortus -infected murine macrophages. Microbial Pathogenesis, 2017, 113, 57-67.	1.3	32
17	Interleukin 6 Promotes Brucella abortus Clearance by Controlling Bactericidal Activity of Macrophages and CD8 ⁺ T Cell Differentiation. Infection and Immunity, 2019, 87, .	1.0	32
18	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, 41-46.	1.3	31

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19	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> , 2013, 288, 28049-28057.	1.6	30
20	Hemeoxygenase 1 partly mediates the anti-inflammatory effect of dieckol in lipopolysaccharide stimulated murine macrophages. <i>International Immunopharmacology</i> , 2014, 22, 51-58.	1.7	28
21	Downregulation of Chicken Interleukin-17 Receptor A during <i>Eimeria</i> Infection. <i>Infection and Immunity</i> , 2014, 82, 3845-3854.	1.0	27
22	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> , 2006, 68, 615-618.	0.3	26
23	<i>Brucella abortus</i> nicotinamidase (PncA) contributes to its intracellular replication and infectivity in mice. <i>FEMS Microbiology Letters</i> , 2004, 234, 289-295.	0.7	24
24	Immunoproteomic identification of immunodominant antigens independent of the time of infection in <i>Brucella abortus</i> 2308-challenged cattle. <i>Veterinary Research</i> , 2015, 46, 17.	1.1	23
25	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> , 2017, 198, 5-14.	2.0	23
26	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> , 2015, 362, 1-6.	0.7	22
27	Interleukin 10 suppresses lysosome-mediated killing of <i>Brucella abortus</i> in cultured macrophages. <i>Journal of Biological Chemistry</i> , 2018, 293, 3134-3144.	1.6	22
28	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> , 2020, 310, 151362.	1.5	22
29	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> , 2014, 37, 221-228.	0.7	20
30	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> , 2018, 36, 3027-3033.	1.7	20
31	Comparison between Immunization Routes of Live Attenuated <i>Salmonella Typhimurium</i> Strains Expressing BCSP31, Omp3b, and SOD of <i>Brucella abortus</i> in Murine Model. <i>Frontiers in Microbiology</i> , 2016, 7, 550.	1.5	19
32	Gintonin modulates platelet function and inhibits thrombus formation <i>via</i> impaired glycoprotein VI signaling. <i>Platelets</i> , 2019, 30, 589-598.	1.1	19
33	Heat-stress-modulated induction of NF- κ 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> , 2018, 18, 44.	1.3	18
34	Characterization and Protective Property of <i>Brucella abortus</i> cydC and looP Mutants. <i>Vaccine Journal</i> , 2014, 21, 1573-1580.	3.2	16
35	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> , 2018, 20, e12813.	1.1	16
36	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> , 2015, 53, 477-481.	0.5	16

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37	Syk-MyD88 Axis Is a Critical Determinant of Inflammatory-Response in Activated Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 767366.	2.2	16
38	Increase of Available Phosphorus by Flyâ€Ash Application in Paddy Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 1551-1562.	0.6	15
39	Characterization of betaine aldehyde dehydrogenase (BetB) as an essential virulence factor of <i>Brucella abortus</i> . <i>Veterinary Microbiology</i> , 2014, 168, 131-140.	0.8	15
40	Upregulation of duck interleukin-17A during <i>Riemerella anatipestifer</i> infection. <i>Developmental and Comparative Immunology</i> , 2016, 63, 36-46.	1.0	15
41	Downregulation of inflammatory cytokines by berberine attenuates <i>Riemerella anatipestifer</i> infection in ducks. <i>Developmental and Comparative Immunology</i> , 2017, 77, 121-127.	1.0	15
42	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> , 2016, 17, 315.	0.5	14
43	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> , 2016, 47, 30.	1.1	14
44	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> , 2018, 119, 255-259.	1.3	13
45	Seroprevalence of <i>Encephalitozoon cuniculi</i> in Pet Rabbits in Korea. <i>Korean Journal of Parasitology</i> , 2014, 52, 321-323.	0.5	13
46	Identification and expression analysis of duck interleukin-17D in <i>Riemerella anatipestifer</i> infection. <i>Developmental and Comparative Immunology</i> , 2016, 61, 190-197.	1.0	12
47	Mutation of <i>purD</i> and <i>purF</i> genes further attenuates <i>Brucella abortus</i> strain RB51. <i>Microbial Pathogenesis</i> , 2015, 79, 1-7.	1.3	11
48	The inÂvitro and inÂvivo protective effects of tannin derivatives against <i>Salmonella enterica</i> serovar Typhimurium infection. <i>Microbial Pathogenesis</i> , 2017, 109, 86-93.	1.3	11
49	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> , 2018, 95, 20-29.	1.0	11
50	The effects of red ginseng saponin fraction-A (RGSF-A) on phagocytosis and intracellular signaling in <i>Brucella abortus</i> infected RAW 264.7 cells. <i>FEMS Microbiology Letters</i> , 2015, 362, .	0.7	10
51	Molecular cloning, purification and immunogenicity of recombinant <i>Brucella abortus</i> 544 malate dehydrogenase protein. <i>Journal of Veterinary Science</i> , 2016, 17, 119.	0.5	10
52	Influence of platelet-activating factor receptor (PAFR) on <i>Brucella abortus</i> infection: implications for manipulating the phagocytic strategy of <i>B. abortus</i> . <i>BMC Microbiology</i> , 2016, 16, 70.	1.3	10
53	Comparative Analysis of Immune Responses to Outer Membrane Antigens OMP10, OMP19, and OMP28 of <i>Brucella abortus</i> . <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 197-204.	0.5	10
54	Intracellular Trafficking Modulation by Ginsenoside Rg3 Inhibits <i>Brucella abortus</i> Uptake and Intracellular Survival within RAW 264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 616-623.	0.9	10

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55	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> , 2016, 91, 68-73.	1.3	9
56	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> , 2017, 103, 87-93.	1.3	9
57	Prostaglandin I2 (PGI2) inhibits <i>Brucella abortus</i> internalization in macrophages via PGI2 receptor signaling, and its analogue affects immune response and disease outcome in mice. <i>Developmental and Comparative Immunology</i> , 2021, 115, 103902.	1.0	9
58	Immunization With a Combination of Four Recombinant <i>Brucella abortus</i> Proteins Omp16, Omp19, Omp28, and L7/L12 Induces T Helper 1 Immune Response Against Virulent <i>B. abortus</i> 544 Infection in BALB/c Mice. <i>Frontiers in Veterinary Science</i> , 2020, 7, 577026.	0.9	9
59	Redundant effects of ketamine on the pathogenesis and severity of <i>Brucella abortus</i> infection. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2013, 36, 71-81.	0.7	8
60	Th2-related immune responses by the <i>Brucella abortus</i> cellular antigens, malate dehydrogenase, elongation factor, and arginase. <i>Microbial Pathogenesis</i> , 2017, 110, 7-13.	1.3	8
61	Cytokines production and toll-like receptors expression in human leukemic monocyte cells, THP-1, stimulated with <i>Brucella abortus</i> cellular antigens. <i>Microbial Pathogenesis</i> , 2018, 122, 7-12.	1.3	8
62	Anticoccidial Activity of Berberine against <i>Eimeria</i> -Infected Chickens. <i>Korean Journal of Parasitology</i> , 2021, 59, 403-408.	0.5	8
63	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> , 2021, 158, 105079.	1.3	8
64	Emodin Successfully Inhibited Invasion of <i>Brucella abortus</i> Via Modulating Adherence, Microtubule Dynamics and ERK Signaling Pathway in RAW 264.7 Cells. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1723-1729.	0.9	8
65	Molecular cloning, characterization and mRNA expression of duck interleukin-17F. <i>Veterinary Immunology and Immunopathology</i> , 2015, 164, 194-200.	0.5	7
66	Tannic acid-mediated immune activation attenuates <i>Brucella abortus</i> infection in mice. <i>Journal of Veterinary Science</i> , 2018, 19, 51.	0.5	7
67	<i>Riemerella anatipestifer</i> infection in ducks induces IL-17A production, but not IL-23p19. <i>Scientific Reports</i> , 2019, 9, 13269.	1.6	7
68	Interleukin 1 alpha (IL-1 α) restricts <i>Brucella abortus</i> 544 survival through promoting lysosomal-mediated killing and NO production in macrophages. <i>Veterinary Microbiology</i> , 2019, 232, 128-136.	0.8	7
69	Chemokine receptor 4 (CXCR4) blockade enhances resistance to bacterial internalization in RAW264.7 cells and AMD3100, a CXCR4 antagonist, attenuates susceptibility to <i>Brucella abortus</i> 544 infection in a murine model. <i>Veterinary Microbiology</i> , 2019, 237, 108402.	0.8	6
70	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> , 2020, 143, 104137.	1.3	6
71	Immunization of Mice with Recombinant <i>Brucella abortus</i> Organic Hydroperoxide Resistance (Ohr) Protein Protects Against a Virulent <i>Brucella abortus</i> 544 Infection. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 190-196.	0.9	6
72	Immune Modulation of Recombinant OmpA against <i>Brucella abortus</i> 544 Infection in Mice. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 603-609.	0.9	6

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73	Substantial Protective Immunity Conferred by a Combination of <i>Brucella abortus</i> Recombinant Proteins against <i>Brucella abortus</i> 544 Infection in BALB/c Mice. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 330-338.	0.9	6
74	Identification of alternatively spliced isoforms of interleukin-2/15 receptor \hat{I}^2 chain in ducks. <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 154-161.	0.5	5
75	An evaluation of ELISA using recombinant <i>Brucella abortus</i> bacterioferritin (Bfr) for bovine brucellosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 45, 16-19.	0.7	5
76	\hat{I}^2 -Sitosterol Contributes in the Resistance to Invasion and Survival of <i>Brucella abortus</i> 544 within RAW264.7 Cells, and Cytokine Production with Reduced Susceptibility to Infection in BALB/c Mice. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 482-489.	0.9	5
77	Ciglitazone, a Peroxisome Proliferator-Activated Receptor Gamma Ligand, Inhibits Proliferation and Differentiation of Th17 Cells. <i>Biomolecules and Therapeutics</i> , 2015, 23, 71-76.	1.1	5
78	Head Tilt Associated with Encephalitozoonosis in Four Pet Rabbits. <i>Journal of Veterinary Clinics</i> , 2015, 32, 212-214.	0.2	5
79	<i>Ulmus parvifolia</i> Jacq. Exhibits Antiobesity Properties and Potentially Induces Browning of White Adipose Tissue. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14.	0.5	5
80	Duck Interleukin-22: Identification and Expression Analysis in <i>Riemerella anatipestifer</i> Infection. <i>Journal of Immunology Research</i> , 2021, 2021, 1-12.	0.9	5
81	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> , 2006, 68, 1243-1245.	0.3	4
82	Microplate Agglutination Test for Canine Brucellosis Using Recombinant Antigen-Coated Beads. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-4.	0.9	4
83	Downregulation of common cytokine receptor \hat{I}^3 chain inhibits inflammatory responses in macrophages stimulated with <i>Riemerella anatipestifer</i> . <i>Developmental and Comparative Immunology</i> , 2018, 81, 225-234.	1.0	4
84	Inhibitory Effect of the Ethanol Extract of a Rice Bran Mixture Comprising <i>Angelica gigas</i> , <i>Cnidium officinale</i> , <i>Artemisia princeps</i> , and <i>Camellia sinensis</i> on <i>Brucella abortus</i> Uptake by Professional and Nonprofessional Phagocytes. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1885-1891.	0.9	4
85	The Bactericidal Effect of High Temperature Is an Essential Resistance Mechanism of Chicken Macrophage against <i>Brucella abortus</i> Infection. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1837-1843.	0.9	4
86	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> , 2015, 27, 344-351.	0.5	3
87	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> , 2020, 242, 108586.	0.8	3
88	Formyl peptide receptor 2 (FPR2) antagonism is a potential target for the prevention of <i>Brucella abortus</i> 544 infection. <i>Immunobiology</i> , 2021, 226, 152073.	0.8	3
89	Protection of palmitic acid treatment in RAW264.7 cells and BALB/c mice during <i>Brucella abortus</i> 544 infection. <i>Journal of Veterinary Science</i> , 2021, 22, e18.	0.5	3
90	Modulatory Effect of Linoleic Acid During <i>Brucella abortus</i> 544 Infection in Murine Macrophage RAW264.7 Cells and Murine Model BALB/c Mice. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 642-648.	0.9	3

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91	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, 927-931.	0.3	2
92	Different strategies for producing naturally soluble form of common cytokine receptor β chain. Developmental and Comparative Immunology, 2015, 48, 13-21.	1.0	2
93	The immunomodulatory effect of antimicrobial peptide HPA3P restricts Brucella abortus 544 infection in BALB/c mice. Veterinary Microbiology, 2018, 225, 17-24.	0.8	2
94	IL-17A treatment influences murine susceptibility to experimental Riemerella anatipestifer infection. Developmental and Comparative Immunology, 2020, 106, 103633.	1.0	2
95	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.	1.3	2
96	Cobalt (II) Chloride Regulates the Invasion and Survival of Brucella abortus 544 in RAW 264.7 Cells and B6 Mice. Pathogens, 2022, 11, 596.	1.2	2
97	Seroreactive Mycobacterial Proteins and Lipid in Cattle with Bovine Tuberculosis. Journal of Bacteriology and Virology, 2015, 45, 112.	0.0	1
98	Global metabolomic analysis of blood from mice infected with <i>Brucella abortus</i> . Journal of Veterinary Medical Science, 2021, 83, 482-486.	0.3	1
99	Anti-inflammatory activity of diindolylmethane alleviates Riemerella anatipestifer infection in ducks. PLoS ONE, 2020, 15, e0242198.	1.1	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.	0.6	0
101	Title is missing!. , 2020, 15, e0242198.		0
102	Title is missing!. , 2020, 15, e0242198.		0
103	Title is missing!. , 2020, 15, e0242198.		0
104	Title is missing!. , 2020, 15, e0242198.		0