

# Hu Jang Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6009707/publications.pdf>

Version: 2024-02-01

50  
papers

641  
citations

623188

14  
h-index

676716

22  
g-index

52  
all docs

52  
docs citations

52  
times ranked

782  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Activation of NF- $\kappa$ B-Mediated TNF-Induced Antimicrobial Immunity Is Required for the Efficient <i>Brucella abortus</i> Clearance in RAW 264.7 Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 437.                   | 1.8 | 67        |
| 2  | Toll-Like Receptor 4-Linked Janus Kinase 2 Signaling Contributes to Internalization of <i>Brucella abortus</i> by Macrophages. <i>Infection and Immunity</i> , 2013, 81, 2448-2458.  | 1.0 | 43        |
| 3  | Clinical features of infectious endophthalmitis in South Korea: a five-year multicenter study. <i>BMC Infectious Diseases</i> , 2015, 15, 177.   | 1.3 | 40        |
| 4  | The Key Role of c-Fos for Immune Regulation and Bacterial Dissemination in <i>Brucella</i> Infected Macrophage. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 287.  | 1.8 | 40        |
| 5  | Simultaneous RNA-seq based transcriptional profiling of intracellular <i>Brucella abortus</i> and <i>B. abortus</i> -infected murine macrophages. <i>Microbial Pathogenesis</i> , 2017, 113, 57-67.  | 1.3 | 32        |
| 6  | Interleukin 6 Promotes <i>Brucella abortus</i> Clearance by Controlling Bactericidal Activity of Macrophages and CD8 <sup>+</sup> T Cell Differentiation. <i>Infection and Immunity</i> , 2019, 87, .  | 1.0 | 32        |
| 7  | Evaluation of the combined use of the recombinant <i>Brucella abortus</i> Omp10, Omp19 and Omp28 proteins for the clinical diagnosis of bovine brucellosis. <i>Microbial Pathogenesis</i> , 2015, 83-84, 41-46.  | 1.3 | 31        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | 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> , 2018, 18, 44.                        | 1.3 | 18        |
| 14 | 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        |
| 15 | 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        |
| 16 | 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        |
| 17 | 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> , 2017, 109, 86-93.  | 1.3 | 11        |
| 18 | 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        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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         |
| 22 | 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         |
| 23 | Prostaglandin I <sub>2</sub> (PGI <sub>2</sub> ) inhibits <i>Brucella abortus</i> internalization in macrophages via PGI <sub>2</sub> 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         |
| 24 | 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         |
| 25 | Protective effects of cultured and fermented ginseng extracts against scopolamine-induced memory loss in a mouse model. <i>Laboratory Animal Research</i> , 2018, 34, 37.  | 1.1 | 8         |
| 26 | 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         |
| 27 | 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         |
| 28 | 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         |
| 29 | Interleukin 1 alpha (IL-1 $\alpha$ ) 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         |
| 30 | Determination of oxolinic acid residues in the muscle tissue of olive flounder ( <i>Paralichthys olivaceus</i> ) by a lateral flow immunoassay. <i>Food and Agricultural Immunology</i> , 2016, 27, 367-376.   | 0.7 | 6         |
| 31 | 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         |
| 32 | 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         |
| 33 | 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         |
| 34 | 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         |
| 35 | 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         |
| 36 | Awareness of Asbestos and Action Plans for Its Exposure can Help Lives Exposed to Asbestos. <i>Safety and Health at Work</i> , 2013, 4, 84-86.   | 0.3 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | 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         |
| 38 | Protective Effects of Nutria Bile against Thioacetamide-Induced Liver Injury in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.  | 0.5 | 4         |
| 39 | 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         |
| 40 | 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         |
| 41 | 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         |
| 42 | 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         |
| 43 | Environmental assessment of estrogenic pollutants in Nam River of Korea using indirect competitive ELISA and E-screen assay. <i>Toxicology and Environmental Health Sciences</i> , 2012, 4, 262-268.  | 1.1 | 2         |
| 44 | 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> , 2021, 152, 104655.   | 1.3 | 2         |
| 45 | Inhibition of Autophagy Promotes Hemistepsin A-Induced Apoptosis via Reactive Oxygen Species-Mediated AMPK-Dependent Signaling in Human Prostate Cancer Cells. <i>Biomolecules</i> , 2021, 11, 1806.  | 1.8 | 2         |
| 46 | 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> , 2022, 11, 596.   | 1.2 | 2         |
| 47 | The effect of near-infrared fluorescence conjugation on the anti-cancer potential of cetuximab. <i>Laboratory Animal Research</i> , 2018, 34, 30.   | 1.1 | 0         |
| 48 | Development of an analytical method for the determination of dl-methylephedrine hydrochloride in porcine muscle using liquid chromatography-tandem mass spectrometry. <i>Korean Journal of Veterinary Research</i> , 2020, 60, 209-213.   | 0.1 | 0         |
| 49 | Anti-diabetic effects of aqueous extract of <i>Dendropanax morbifera</i> Lev. leaves in streptozotocin-induced diabetic Sprague-Dawley rats. <i>Korean Journal of Veterinary Research</i> , 2021, 61, e38.  | 0.1 | 0         |
| 50 | Establishment of withdrawal time and analysis of dexamethasone residue in milk of intramuscularly dosed cows. <i>Korean Journal of Veterinary Research</i> , 2022, 62, e18.   | 0.1 | 0         |