

Myunghwan Jung

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

573
citations

566801

15
h-index

713013

21
g-index

50
all docs

50
docs citations

50
times ranked

803
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Membrane vesicles from antibiotic-resistant <i>Staphylococcus aureus</i> transfer antibiotic-resistance to antibiotic-susceptible <i>Escherichia coli</i> . <i>Journal of Applied Microbiology</i> , 2022, 132, 2746-2759. | 1.4 | 13 |
| 2 | Inhibitor of Cysteine Protease of <i>Plasmodium malariae</i> Regulates Malapains, Endogenous Cysteine Proteases of the Parasite. <i>Pathogens</i> , 2022, 11, 605. | 1.2 | 0 |
| 3 | Endoplasmic Reticulum Stress and Impairment of Ribosome Biogenesis Mediate the Apoptosis Induced by <i>Ocimum x africanum</i> Essential Oil in a Human Gastric Cancer Cell Line. <i>Medicina (Lithuania)</i> , 2022, 58, 799. | 0.8 | 2 |
| 4 | Identification of Nontuberculous Mycobacteria in Patients with Pulmonary Diseases in Gyeongnam, Korea, Using Multiplex PCR and Multigene Sequence-Based Analysis. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2021, 2021, 1-13. | 0.7 | 5 |
| 5 | Increased Risk of Severe Gastric Symptoms by Virulence Factors <i>vacAs1c</i> , <i>alpA</i> , <i>babA2</i> , and <i>hopZ</i> in <i>Helicobacter pylori</i> Infection. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 368-379. | 0.9 | 8 |
| 6 | Alpha-2-Macroglobulin as a New Promising Biomarker Improving the Diagnostic Sensitivity of Bovine Paratuberculosis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 637716. | 0.9 | 7 |
| 7 | An In Vitro Anti-Cancer Activity of <i>Ocimum tenuiflorum</i> Essential Oil by Inducing Apoptosis in Human Gastric Cancer Cell Line. <i>Medicina (Lithuania)</i> , 2021, 57, 784. | 0.8 | 7 |
| 8 | <i>Cohnella cholangitidis</i> sp. nov., a novel species of the genus <i>Cohnella</i> isolated from a clinical specimen in Korea. <i>Archives of Microbiology</i> , 2021, 203, 6053-6060. | 1.0 | 2 |
| 9 | Heterogeneity of <i>Helicobacter pylori</i> bab genotypes and their association with clinical outcomes in Korean gastroduodenal patients. <i>New Microbiologica</i> , 2021, 44, 155-160. | 0.1 | 0 |
| 10 | Significant increase in the secretion of extracellular vesicles and antibiotics resistance from methicillin-resistant <i>Staphylococcus aureus</i> induced by ampicillin stress. <i>Scientific Reports</i> , 2020, 10, 21066. | 1.6 | 22 |
| 11 | Comparative Evaluation of Band-Based Genotyping Methods for <i>Mycobacterium intracellulare</i> and Its Application for Epidemiological Analysis. <i>Microorganisms</i> , 2020, 8, 1315. | 1.6 | 2 |
| 12 | Sea Hare Hydrolysate-Induced Reduction of Human Non-Small Cell Lung Cancer Cell Growth through Regulation of Macrophage Polarization and Non-Apoptotic Regulated Cell Death Pathways. <i>Cancers</i> , 2020, 12, 726. | 1.7 | 26 |
| 13 | The Importance of Porins and β -Lactamase in Outer Membrane Vesicles on the Hydrolysis of β -Lactam Antibiotics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2822. | 1.8 | 30 |
| 14 | Development of <i>Actinobacillus pleuropneumoniae</i> ApxI, ApxII, and ApxIII-specific ELISA methods for evaluation of vaccine efficiency. <i>Journal of Veterinary Science</i> , 2019, 20, e2. | 0.5 | 5 |
| 15 | Influence of Physical and Musculoskeletal Factors on Occupational Injuries and Accidents in Korean Workers Based on Gender and Company Size. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 345. | 1.2 | 5 |
| 16 | Proteome Analysis of Alkylhydroxide Peroxidase-Deficient Isogenic Mutant of <i>Helicobacter pylori</i> 26695. <i>Journal of Bacteriology and Virology</i> , 2019, 49, 191. | 0.0 | 0 |
| 17 | Anti-Biofilm Effects of Synthetic Antimicrobial Peptides Against Drug-Resistant <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> Planktonic Cells and Biofilm. <i>Molecules</i> , 2019, 24, 4560. | 1.7 | 29 |
| 18 | Characterization of Specific IgA Response to Antigenic Determinants of <i>Helicobacter pylori</i> Urease Encoded by <i>ureA</i> and <i>ureB</i> in Children. <i>Journal of Bacteriology and Virology</i> , 2018, 48, 14. | 0.0 | 2 |

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|----|---|-----|-----------|
| 19 | Gene Expression Profiles of Th1-type Chemokines in Whole Blood of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> -Infected Cattle. <i>Journal of Bacteriology and Virology</i> , 2018, 48, 130. | 0.0 | 1 |
| 20 | The first case of hand infection caused by <i>Dermabacter jinjuensis</i> in a symmetrical peripheral gangrene patient. <i>Annals of Medicine and Surgery</i> , 2018, 36, 63-66. | 0.5 | 2 |
| 21 | Cell-selectivity of tryptophan and tyrosine in amphiphilic α -helical antimicrobial peptides against drug-resistant bacteria. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 478-484. | 1.0 | 11 |
| 22 | Global gene-expression profiles of intracellular survival of the BruAb2_1031 gene mutated <i>Brucella abortus</i> in professional phagocytes, RAW 264.7 cells. <i>BMC Microbiology</i> , 2018, 18, 82. | 1.3 | 5 |
| 23 | 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 |
| 24 | Genes Related to Intracellular Survival of <i>Brucella abortus</i> in THP-1 Macrophage Cells. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1736-1748. | 0.9 | 2 |
| 25 | Different invasion efficiencies of <i>Brucella abortus</i> wild-type and mutants in RAW 264.7 and THP-1 phagocytic cells and HeLa non-phagocytic cells. <i>Korean Journal of Veterinary Research</i> , 2018, 58, 95-98. | 0.1 | 0 |
| 26 | Distinct Genetic Variation of <i>Helicobacter pylori</i> <i>cagA</i> , <i>vacA</i> , <i>oipA</i> , and <i>sabA</i> Genes in Thai and Korean Dyspeptic Patients. <i>Microbiology and Biotechnology Letters</i> , 2018, 46, 261-268. | 0.2 | 1 |
| 27 | Potential biomarkers as an indicator of vertical transmission of Johne's disease in a Korean native cattle farm. <i>Journal of Veterinary Science</i> , 2017, 18, 343. | 0.5 | 6 |
| 28 | Characteristics of Transmissible CTX-M- and CMY-Type β -Lactamase-Producing <i>Escherichia coli</i> Isolates Collected from Pig and Chicken Farms in South Korea. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1716-1723. | 0.9 | 28 |
| 29 | Gene expression profiles of putative biomarker candidates in <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> -infected cattle. <i>Pathogens and Disease</i> , 2016, 74, ftw022. | 0.8 | 18 |
| 30 | 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 |
| 31 | Evaluation of Th1/Th2-Related Immune Response against Recombinant Proteins of <i>Brucella abortus</i> Infection in Mice. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1132-1139. | 0.9 | 16 |
| 32 | Profiling of antimicrobial resistance and plasmid replicon types in β -lactamase producing <i>Escherichia coli</i> isolated from Korean beef cattle. <i>Journal of Veterinary Science</i> , 2015, 16, 483. | 0.5 | 5 |
| 33 | Modulation of Macrophage Activities in Proliferation, Lysosome, and Phagosome by the Nonspecific Immunostimulator, Mica. <i>PLoS ONE</i> , 2015, 10, e0117838. | 1.1 | 12 |
| 34 | Host Transcriptional Profiles and Immunopathologic Response following <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Infection in Mice. <i>PLoS ONE</i> , 2015, 10, e0138770. | 1.1 | 18 |
| 35 | Host gene expression for <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection in human THP-1 macrophages. <i>Pathogens and Disease</i> , 2015, 73, . | 0.8 | 25 |
| 36 | Effects of Germanium Biotite Supplement on Immune Responses of Vaccinated Mini-pigs to Foot-and-Mouth Disease Virus Challenge. <i>Immunological Investigations</i> , 2015, 44, 101-112. | 1.0 | 6 |

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|----|--|-----|-----------|
| 37 | Prevalence of Antimicrobial Resistance and Transfer of Tetracycline Resistance Genes in <i>Escherichia coli</i> Isolates from Beef Cattle. <i>Applied and Environmental Microbiology</i> , 2015, 81, 5560-5566. | 1.4 | 55 |
| 38 | Molecular characteristics of <i>Brucella abortus</i> mutants generated using EZ-Tn5Tm pMODTm-3 transposon system. <i>Journal of Preventive Veterinary Medicine</i> , 2015, 39, 144-152. | 0.1 | 2 |
| 39 | Whole-Blood Gene-Expression Profiles of Cows Infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Reveal Changes in Immune Response and Lipid Metabolism. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 255-267. | 0.9 | 27 |
| 40 | Virulence factors, antimicrobial resistance patterns, and genetic characteristics of hydrogen sulfide-producing <i>Escherichia coli</i> isolated from swine. <i>Korean Journal of Veterinary Research</i> , 2015, 55, 191-197. | 0.2 | 1 |
| 41 | Dietary germanium biotite supplementation enhances the induction of antibody responses to foot-and-mouth disease virus vaccine in pigs. <i>Journal of Veterinary Science</i> , 2014, 15, 443. | 0.5 | 5 |
| 42 | Supplementation of dietary germanium biotite enhances induction of the immune responses by foot-and-mouth disease vaccine in cattle. <i>BMC Veterinary Research</i> , 2014, 10, 179. | 0.7 | 8 |
| 43 | Induction of immune responses in mice and pigs by oral administration of classical swine fever virus E2 protein expressed in rice calli. <i>Archives of Virology</i> , 2014, 159, 3219-3230. | 0.9 | 8 |
| 44 | Induction of Immune Responses by Two Recombinant Proteins of <i>Brucella abortus</i> , Outer Membrane Proteins 2b Porin and Cu/Zn Superoxide Dismutase, in Mouse Model. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 854-861. | 0.9 | 12 |
| 45 | Oral immunization of mice with <i>Saccharomyces cerevisiae</i> expressing a neutralizing epitope of ApxIIA exotoxin from <i>Actinobacillus pleuropneumoniae</i> induces systemic and mucosal immune responses. <i>Microbiology and Immunology</i> , 2013, 57, 417-425. | 0.7 | 9 |
| 46 | Induction of protective immune responses against challenge of <i>Actinobacillus pleuropneumoniae</i> by oral administration with <i>Saccharomyces cerevisiae</i> expressing Apx toxins in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2013, 151, 132-139. | 0.5 | 16 |
| 47 | Effect of Bacteriophage in Enterotoxigenic <i>Escherichia coli</i> (ETEC) Infected Pigs. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 1037-1039. | 0.3 | 27 |
| 48 | Efficacy of thiolated eudragit microspheres as an oral vaccine delivery system to induce mucosal immunity against enterotoxigenic <i>Escherichia coli</i> in mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 43-48. | 2.0 | 21 |
| 49 | Generation of transgenic corn-derived <i>Actinobacillus pleuropneumoniae</i> ApxIIA fused with the cholera toxin B subunit as a vaccine candidate. <i>Journal of Veterinary Science</i> , 2011, 12, 401. | 0.5 | 13 |
| 50 | Prevalence of Class A and AmpC β -Lactamases in Clinical <i>Escherichia coli</i> Isolates from Pakistan Institute of Medical Science, Islamabad, Pakistan. <i>Japanese Journal of Infectious Diseases</i> , 2011, 64, 249-252. | 0.5 | 24 |