

# Myunghwan Jung

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

573  
citations

567281  
15  
h-index

713466  
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.	3.1	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.	2.8	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.	2.0	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.	1.9	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.	2.1	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.	2.2	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.	2.0	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.	2.2	2
9	Heterogeneity of <i>Helicobacter pylori</i> <i>bab</i> 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.	3.3	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.	3.6	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.	3.7	26
13	The Importance of Porins and $\beta$ -Lactamase in Outer Membrane Vesicles on the Hydrolysis of $\beta$ -Lactam Antibiotics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2822.	4.1	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.	1.3	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.	2.6	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.	0.1	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.	3.8	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.	0.1	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. Journal of Bacteriology and Virology, 2018, 48, 130.	0.1	1
20	The first case of hand infection caused by <i>Dermabacter jinjuensis</i> in a symmetrical peripheral gangrene patient. Annals of Medicine and Surgery, 2018, 36, 63-66.	1.1	2
21	Cell-selectivity of tryptophan and tyrosine in amphiphilic $\alpha$ -helical antimicrobial peptides against drug-resistant bacteria. Biochemical and Biophysical Research Communications, 2018, 505, 478-484.	2.1	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. BMC Microbiology, 2018, 18, 82.	3.3	5
23	Comparative Analysis of Immune Responses to Outer Membrane Antigens OMP10, OMP19, and OMP28 of <i>Brucella abortus</i> . Japanese Journal of Infectious Diseases, 2018, 71, 197-204.	1.2	10
24	Genes Related to Intracellular Survival of <i>Brucella abortus</i> in THP-1 Macrophage Cells. Journal of Microbiology and Biotechnology, 2018, 28, 1736-1748.	2.1	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. Korean Journal of Veterinary Research, 2018, 58, 95-98.	0.3	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. Microbiology and Biotechnology Letters, 2018, 46, 261-268.	0.4	1
27	Potential biomarkers as an indicator of vertical transmission of Johne's disease in a Korean native cattle farm. Journal of Veterinary Science, 2017, 18, 343.	1.3	6
28	Characteristics of Transmissible CTX-M- and CMY-Type $\beta$ -Lactamase-Producing <i>Escherichia coli</i> Isolates Collected from Pig and Chicken Farms in South Korea. Journal of Microbiology and Biotechnology, 2017, 27, 1716-1723.	2.1	28
29	Gene expression profiles of putative biomarker candidates in <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> -infected cattle. Pathogens and Disease, 2016, 74, ftw022.	2.0	18
30	Expression of cytokine and apoptosis-related genes in bovine peripheral blood mononuclear cells stimulated with <i>Brucella abortus</i> recombinant proteins. Veterinary Research, 2016, 47, 30.	3.0	14
31	Evaluation of Th1/Th2-Related Immune Response against Recombinant Proteins of <i>Brucella abortus</i> Infection in Mice. Journal of Microbiology and Biotechnology, 2016, 26, 1132-1139.	2.1	16
32	Profiling of antimicrobial resistance and plasmid replicon types in $\beta$ -lactamase producing <i>Escherichia coli</i> isolated from Korean beef cattle. Journal of Veterinary Science, 2015, 16, 483.	1.3	5
33	Modulation of Macrophage Activities in Proliferation, Lysosome, and Phagosome by the Nonspecific Immunostimulator, Mica. PLoS ONE, 2015, 10, e0117838.	2.5	12
34	Host Transcriptional Profiles and Immunopathologic Response following <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Infection in Mice. PLoS ONE, 2015, 10, e0138770.	2.5	18
35	Host gene expression for <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection in human THP-1 macrophages. Pathogens and Disease, 2015, 73, .	2.0	25
36	Effects of Germanium Biotite Supplement on Immune Responses of Vaccinated Mini-pigs to Foot-and-Mouth Disease Virus Challenge. Immunological Investigations, 2015, 44, 101-112.	2.0	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.	3.1	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.	2.1	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.	1.3	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.	1.9	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.	2.1	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.	2.1	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.	1.4	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.	1.2	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.	0.9	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.	4.3	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.	1.3	13
50	Prevalence of Class A and AmpC $\beta$ -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.	1.2	24