

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
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	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Modulation of Macrophage Activities in Proliferation, Lysosome, and Phagosome by the Nonspecific Immunostimulator, Mica. PLoS ONE, 2015, 10, e0117838.	1.1	12
20	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. Journal of Microbiology and Biotechnology, 2014, 24, 854-861.	0.9	12
21	Cell-selectivity of tryptophan and tyrosine in amphiphilic α -helical antimicrobial peptides against drug-resistant bacteria. Biochemical and Biophysical Research Communications, 2018, 505, 478-484.	1.0	11
22	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.	0.5	10
23	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. Microbiology and Immunology, 2013, 57, 417-425.	0.7	9
24	Supplementation of dietary germanium biotite enhances induction of the immune responses by foot-and-mouth disease vaccine in cattle. BMC Veterinary Research, 2014, 10, 179.	0.7	8
25	Induction of immune responses in mice and pigs by oral administration of classical swine fever virus E2 protein expressed in rice calli. Archives of Virology, 2014, 159, 3219-3230.	0.9	8
26	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. Journal of Microbiology and Biotechnology, 2021, 31, 368-379.	0.9	8
27	Alpha-2-Macroglobulin as a New Promising Biomarker Improving the Diagnostic Sensitivity of Bovine Paratuberculosis. Frontiers in Veterinary Science, 2021, 8, 637716.	0.9	7
28	An In Vitro Anti-Cancer Activity of <i>Ocimum tenuiflorum</i> Essential Oil by Inducing Apoptosis in Human Gastric Cancer Cell Line. Medicina (Lithuania), 2021, 57, 784.	0.8	7
29	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.	1.0	6
30	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.	0.5	6
31	Dietary germanium biotite supplementation enhances the induction of antibody responses to foot-and-mouth disease virus vaccine in pigs. Journal of Veterinary Science, 2014, 15, 443.	0.5	5
32	Profiling of antimicrobial resistance and plasmid replicon types in β -lactamase producing <i>Escherichia coli</i> isolated from Korean beef cattle. Journal of Veterinary Science, 2015, 16, 483.	0.5	5
33	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.	1.3	5
34	Development of <i>Actinobacillus pleuropneumoniae</i> ApxI, ApxII, and ApxIII-specific ELISA methods for evaluation of vaccine efficiency. Journal of Veterinary Science, 2019, 20, e2.	0.5	5
35	Influence of Physical and Musculoskeletal Factors on Occupational Injuries and Accidents in Korean Workers Based on Gender and Company Size. International Journal of Environmental Research and Public Health, 2019, 16, 345.	1.2	5
36	Identification of Nontuberculous Mycobacteria in Patients with Pulmonary Diseases in Gyeongnam, Korea, Using Multiplex PCR and Multigene Sequence-Based Analysis. Canadian Journal of Infectious Diseases and Medical Microbiology, 2021, 2021, 1-13.	0.7	5

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37	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
38	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
39	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
40	<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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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