

Seung-Chun Park

List of Publications by Year in descending order

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papers

923
citations

516710
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62
all docs

62
docs citations

62
times ranked

1187
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of phenolic compounds in the acyl homoserine lactone-mediated quorum sensing regulatory pathways. <i>Scientific Reports</i> , 2017, 7, 10618.	3.3	75
2	Toxicological Profiles of Poisonous, Edible, and Medicinal Mushrooms. <i>Mycobiology</i> , 2014, 42, 215-220.	1.7	70
3	Subacute (28 day) Toxicity of Surfactin C, a Lipopeptide Produced by <i>Bacillus subtilis</i> , in Rats. <i>Journal of Health Science</i> , 2009, 55, 351-355.	0.9	46
4	Production and physicochemical characterization of β -glucan produced by <i>Paenibacillus polymyxa</i> JB115. <i>Biotechnology and Bioprocess Engineering</i> , 2007, 12, 713-719.	2.6	45
5	Inhibition of <i>Salmonella Typhimurium</i> adhesion, invasion, and intracellular survival via treatment with methyl gallate alone and in combination with marbofloxacin. <i>Veterinary Research</i> , 2018, 49, 101.	3.0	44
6	Hepatoprotective effects of fermented field water-dropwort (<i>Oenanthe javanica</i>) extract and its major constituents. <i>Food and Chemical Toxicology</i> , 2014, 67, 154-160.	3.6	41
7	<i>Cornus officinalis</i> Ethanolic Extract with Potential Anti-Allergic, Anti-Inflammatory, and Antioxidant Activities. <i>Nutrients</i> , 2020, 12, 3317.	4.1	41
8	Synergistic Effect and Antiquorum Sensing Activity of <i>Nymphaea tetragona</i> (Water Lily) Extract. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	28
9	Modulation of quorum sensing-controlled virulence factors by <i>Nymphaea tetragona</i> (water lily) extract. <i>Journal of Ethnopharmacology</i> , 2015, 174, 482-491.	4.1	27
10	Antimicrobial resistance and genetic characterization of coagulase-negative staphylococci from bovine mastitis milk samples in Korea. <i>Journal of Dairy Science</i> , 2019, 102, 11439-11448.	3.4	26
11	Dichlormethane Extract of the Jelly Ear Mushroom <i>Auricularia auricula-judae</i> (Higher Basidiomycetes) Inhibits Tumor Cell Growth In Vitro. <i>International Journal of Medicinal Mushrooms</i> , 2014, 16, 37-47.	1.5	21
12	Synergism of the Combination of Traditional Antibiotics and Novel Phenolic Compounds against <i>Escherichia coli</i> . <i>Pathogens</i> , 2020, 9, 811.	2.8	21
13	Evaluation of Genetic and Developmental Toxicity of Surfactin C from <i>Bacillus subtilis</i> BC1212. <i>Journal of Health Science</i> , 2008, 54, 101-106.	0.9	20
14	Biofilm formation and determination of minimum biofilm eradication concentration of antibiotics in <i>Mycoplasma hyopneumoniae</i> . <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1716-1720.	0.9	20
15	Hypolipidemic and Hepatic Steatosis Preventing Activities of the Wood Ear Medicinal Mushroom <i>Auricularia auricula-judae</i> (Higher Basidiomycetes) Ethanol Extract In Vivo and In Vitro. <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 723-734.	1.5	20
16	Immunomodulation of <i>Lactobacillus pentosus</i> PL11 against <i>Edwardsiella tarda</i> infection in the head kidney cells of the Japanese eel (<i>Anguilla japonica</i>). <i>Fish and Shellfish Immunology</i> , 2016, 54, 466-472.	3.6	18
17	An in vivo immunomodulatory and anti-inflammatory study of fermented <i>Dendropanax morbifera</i> L'Veille leaf extract. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 222.	3.7	17
18	Preventive effects of a novel herbal mixture on atopic dermatitis-like skin lesions in BALB/C mice. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 25.	3.7	15

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19	Targeting Salmonella Typhimurium Invasion and Intracellular Survival Using Pyrogallol. <i>Frontiers in Microbiology</i> , 2021, 12, 631426.	3.5	15
20	Protective Effect of <i>Pyrus ussuriensis</i> Maxim. Extract against Ethanol-Induced Gastritis in Rats. <i>Antioxidants</i> , 2021, 10, 439.	5.1	15
21	The increasing hematopoietic effect of the combined treatment of Korean Red Ginseng and <i>Colla corii asini</i> on cyclophosphamide-induced immunosuppression in mice. <i>Journal of Ginseng Research</i> , 2021, 45, 591-598.	5.7	15
22	Anti-Obesity Effects of <i>Ecklonia cava</i> Extract in High-Fat Diet-Induced Obese Rats. <i>Antioxidants</i> , 2022, 11, 310.	5.1	15
23	<i>Panax ginseng</i> : Inflammation, platelet aggregation, thrombus formation, and atherosclerosis crosstalk. <i>Journal of Ginseng Research</i> , 2022, 46, 54-61.	5.7	14
24	Characterization of dextran produced from <i>Leuconostoc citreum</i> S5 strain isolated from Korean fermented vegetable. <i>European Food Research and Technology</i> , 2008, 226, 697-706.	3.3	13
25	In vitro synergistic potentials of novel antibacterial combination therapies against <i>Salmonella enterica</i> serovar Typhimurium. <i>BMC Microbiology</i> , 2020, 20, 118.	3.3	12
26	Ginsenoside Rg3 reduces the adhesion, invasion, and intracellular survival of <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Ginseng Research</i> , 2021, 45, 75-85.	5.7	12
27	<i>In silico</i> analysis of putative drug and vaccine targets of the metabolic pathways of <i>Actinobacillus pleuropneumoniae</i> using a subtractive/comparative genomics approach. <i>Journal of Veterinary Science</i> , 2018, 19, 188.	1.3	11
28	Enhancement of Lipid Metabolism and Hepatic Stability in Fat-Induced Obese Mice by Fermented <i>Cucurbita moschata</i> Extract. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	1.2	11
29	Methyl gallate and tylosin synergistically reduce the membrane integrity and intracellular survival of <i>Salmonella Typhimurium</i> . <i>PLoS ONE</i> , 2019, 14, e0221386.	2.5	11
30	A novel β -glucan produced by <i>Paenibacillus polymyxa</i> JB115 induces nitric oxide production in RAW264.7 macrophages. <i>Journal of Veterinary Science</i> , 2009, 10, 165.	1.3	10
31	The phenotypic and molecular resistance induced by a single-exposure to sub-mutant prevention concentration of marbofloxacin in <i>Salmonella Typhimurium</i> isolates from swine. <i>Veterinary Microbiology</i> , 2017, 207, 29-35.	1.9	10
32	Effects of butaphosphan and cyanocobalamin combination on plasma immune and biochemical parameters of Olive flounder (<i>Paralichthys olivaceus</i>) subjected to crowding stress. <i>Aquaculture Research</i> , 2019, 50, 1611-1617.	1.8	10
33	Detection of Antibodies against <i>Toxoplasma gondii</i> in Cattle Raised in Gyeongbuk Province, Korea. <i>Journal of Food Protection</i> , 2016, 79, 821-824.	1.7	9
34	Pharmacokinetics, pharmacokinetic–pharmacodynamic relationship, and withdrawal period of amoxicillin sodium in olive flounder (<i>Paralichthys olivaceus</i>). <i>Xenobiotica</i> , 2016, 46, 522-529.	1.1	9
35	Using <i>In Vitro</i> Dynamic Models To Evaluate Fluoroquinolone Activity against Emergence of Resistant <i>Salmonella enterica</i> Serovar Typhimurium. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	9
36	Hepatoprotective effects of gamma-aminobutyric acid-enriched fermented <i>Hovenia dulcis</i> extract on ethanol-induced liver injury in mice. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 75.	2.7	9

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37	Investigation of Potential Antioxidant, Thrombolytic and Neuropharmacological Activities of Homalomena aromatica Leaves Using Experimental and In Silico Approaches. <i>Molecules</i> , 2021, 26, 975.	3.8	9
38	The enzyme activity of a novel phytase from <i>Bacillus amyloliquefaciens</i> DS11 and its potential use as a feed pellet. <i>Journal of General and Applied Microbiology</i> , 2003, 49, 129-133.	0.7	8
39	Pharmacokinetic and pharmacodynamic integration for optimal dosage of cefquinome against <i>Streptococcus equi</i> subsp. <i>equi</i> in foals. <i>Veterinary Research</i> , 2020, 51, 131.	3.0	8
40	Tissue Residues and Pharmacokinetic/Pharmacodynamic Modeling of Tiamulin Against <i>Mycoplasma anatis</i> in Ducks. <i>Frontiers in Veterinary Science</i> , 2020, 7, 603950.	2.2	8
41	Aronia melanocarpa Extract Fermented by <i>Lactobacillus plantarum</i> EJ2014 Modulates Immune Response in Mice. <i>Antioxidants</i> , 2021, 10, 1276.	5.1	8
42	COVID-19 and Panax ginseng: Targeting platelet aggregation, thrombosis and the coagulation pathway. <i>Journal of Ginseng Research</i> , 2022, 46, 175-182.	5.7	8
43	Pharmacokinetics, tissue residues, and ex vivo pharmacodynamics of tylosin against <i>Mycoplasma anatis</i> in ducks. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 57-66.	1.3	7
44	In Vitro prebiotic effects and quantitative analysis of <i>Bulnesia sarmienti</i> extract. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 822-830.	1.9	6
45	Pharmacodynamics of amoxicillin against field isolates of <i>Streptococcus parauberis</i> from olive flounder (<i>Paralichthys olivaceus</i>). <i>Aquaculture Research</i> , 2018, 49, 1060-1071.	1.8	6
46	Ethanol-Induced Hepatotoxicity and Alcohol Metabolism Regulation by GABA-Enriched Fermented <i>Smilax china</i> Root Extract in Rats. <i>Foods</i> , 2021, 10, 2381.	4.3	6
47	Evaluation of the pharmacokinetic-pharmacodynamic integration of marbofloxacin in combination with methyl gallate against <i>Salmonella Typhimurium</i> in rats. <i>PLoS ONE</i> , 2020, 15, e0234211.	2.5	5
48	Tylosin exposure reduces the susceptibility of <i>Salmonella Typhimurium</i> to florfenicol and tetracycline. <i>BMC Veterinary Research</i> , 2020, 16, 22.	1.9	5
49	Sonicated Protein Fractions of <i>Mycoplasma hyopneumoniae</i> Induce Inflammatory Responses and Differential Gene Expression in a Murine Alveolar Macrophage Cell Line. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 2153-2159.	2.1	5
50	Antiinflammatory and Antioxidant Effects of Aqueous Extract from <i>Phellinus gilvus</i> in Rats. <i>Journal of Health Science</i> , 2011, 57, 171-176.	0.9	4
51	Pharmacodynamics of Ceftiofur Selected by Genomic and Proteomic Approaches of <i>Streptococcus parauberis</i> Isolated from the Flounder, <i>Paralichthys olivaceus</i> . <i>International Journal of Genomics</i> , 2020, 2020, 1-17.	1.6	4
52	<i>Trifolium pratense</i> ethanolic extract alters the gut microbiota composition and regulates serum lipid profile in the ovariectomized rats. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 5.	2.7	4
53	Detection of naturally aerosolized <i>Mycoplasma hyopneumoniae</i> from the air of selected swine farms. <i>Aerobiologia</i> , 2014, 30, 205-209.	1.7	3
54	Optimal red clover ethanolic extract by relative aggregated metric increases osteoblastic activity and nuclear factor kappa-B ligand gene expression in SaOS-2 cells. <i>International Journal of Transgender Health</i> , 2020, 13, 321-327.	2.3	3

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55	Hepatoprotective Effects of Polysaccharides Isolated from <i>Phellinus gilvus</i> Against Carbon Tetrachloride-induced Liver Injury in Rats. <i>Toxicological Research</i> , 2009, 25, 29-33.	2.1	3
56	Colistin Induces Resistance through Biofilm Formation, via Increased <i>phoQ</i> Expression, in Avian Pathogenic <i>Escherichia coli</i> . <i>Pathogens</i> , 2021, 10, 1525.	2.8	3
57	Probiotic properties and adsorption of <i>Enterococcus faecalis</i> PSCT3-7 to vermiculite. <i>Journal of Veterinary Science</i> , 2017, 18, 95.	1.3	2
58	Pharmacokinetic/Pharmacodynamic Modeling of Spiramycin against <i>Mycoplasma synoviae</i> in Chickens. <i>Pathogens</i> , 2021, 10, 1238.	2.8	2
59	Studies on the Dermal and Ocular Irritation of Prodigiosin Isolated from <i>Zooshikella rubidus</i> . <i>Toxicological Research</i> , 2009, 25, 237-242.	2.1	1
60	Baer protein acts as an activator of nuclear factor-kappa B and Janus kinase 2 to induce inflammation in murine cell lines. <i>Canadian Journal of Microbiology</i> , 2016, 62, 753-761.	1.7	0
61	Oral pharmacokinetics of a novel <i>Lactobacillus plantarum</i> PSCPL13 in the intestines of experimental flounder. <i>Aquaculture Research</i> , 2017, 48, 5171-5174.	1.8	0
62	<i>Mycoplasma hyopneumoniae</i> Induces <i>Grap</i> , <i>Gadd45</i> ² , and secreted phosphoprotein 1 Gene Expression as Part of the Inflammatory Response in RAW264.7 Cells. <i>Toxicological Research</i> , 2009, 25, 119-124.	2.1	0