

Jinwoo Kim

List of Publications by Year in descending order

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75
papers

1,972
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331670

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1857
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#	ARTICLE	IF	CITATIONS
1	Orchardgrass ACTIVATOR OF HSP90 ATPASE possesses autonomous chaperone properties and activates Hsp90 transcription to enhance thermotolerance. <i>Biochemical and Biophysical Research Communications</i> , 2022, 586, 171-176.	2.1	1
2	Negatively Regulated Aerobactin and Desferrioxamine E by Fur in <i>Pantoea ananatis</i> Are Required for Full Siderophore Production and Antibacterial Activity, but Not for Virulence. <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0240521.	3.1	1
3	Dual adhesive unipolar polysaccharides synthesized by overlapping biosynthetic pathways in <i>Agrobacterium tumefaciens</i> . <i>Molecular Microbiology</i> , 2022, 117, 1023-1047.	2.5	9
4	First Report of Root Mat Disease in a Hydroponic Tomato Production System Caused by Rhizogenic <i>Agrobacterium Biovar 1</i> in South Korea. <i>Plant Disease</i> , 2021, 105, 1191.	1.4	1
5	<i>Pantoea ananatis</i> carotenoid production confers toxoflavin tolerance and is regulated by Hfq-controlled quorum sensing. <i>MicrobiologyOpen</i> , 2021, 10, e1143.	3.0	15
6	Effects of Inoculants Producing Antifungal and Carboxylesterase Activities on Corn Silage and Its Shelf Life against Mold Contamination at Feed-Out Phase. <i>Microorganisms</i> , 2021, 9, 558.	3.6	5
7	A novel toxoflavin quenching regulation in bacteria and its application to resistance cultivars. <i>Microbial Biotechnology</i> , 2021, 14, 1657-1670.	4.2	3
8	Genetic Diversity and Distribution of Korean Isolates of <i>Burkholderia glumae</i> . <i>Plant Disease</i> , 2021, 105, 1398-1407.	1.4	4
9	Bacterial Disease Complex Including Bleached Spot, Soft Rot, and Blight on Onion Seedlings caused by Complex Infections. <i>Plant Disease</i> , 2021, , PDIS03210484RE.	1.4	4
10	Bacterial blight on <i>Sansevieria cylindrica</i> caused by <i>Pseudomonas</i> sp.. <i>Australasian Plant Disease Notes</i> , 2021, 16, 1.	0.7	0
11	First report of rust on onion caused by <i>Puccinia allii</i> in Korea. <i>Canadian Journal of Plant Pathology</i> , 2021, 43, S347-S351.	1.4	3
12	Inhibition of <i>Salmonella enterica</i> growth by competitive exclusion during early alfalfa sprout development using a seed-dwelling <i>Erwinia persicina</i> strain EUS78. <i>International Journal of Food Microbiology</i> , 2020, 312, 108374.	4.7	21
13	Bacterial blight on <i>Dracaena sanderiana</i> caused by <i>Burkholderia cepacia</i> . <i>Australasian Plant Disease Notes</i> , 2020, 15, 1.	0.7	1
14	Anthraco-nose on postharvest avocado caused by <i>Colletotrichum kahawae</i> subsp. <i>ciggaro</i> in South Korea. <i>Canadian Journal of Plant Pathology</i> , 2020, 42, 508-513.	1.4	6
15	Bacterial shoot blight caused by <i>Pseudomonas cerasi</i> , a new pathogen of pear tree. <i>Australasian Plant Disease Notes</i> , 2020, 15, 1.	0.7	5
16	Grey mould control by oxalate degradation using non-antifungal <i>Pseudomonas abietaniphila</i> strain ODB36. <i>Scientific Reports</i> , 2020, 10, 1605.	3.3	2
17	Bacterial shoot blight of sweet crab apple caused by <i>Pseudomonas viridiflava</i> . <i>Forest Pathology</i> , 2020, 50, e12603.	1.1	4
18	Dual-Purpose Inoculants and Their Effects on Corn Silage. <i>Microorganisms</i> , 2020, 8, 765.	3.6	19

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19	Isolation and Characterization of Avirulent and Virulent Strains of <i>Agrobacterium tumefaciens</i> from Rose Crown Gall in Selected Regions of South Korea. <i>Plants</i> , 2019, 8, 452.	3.5	6
20	Simple and economical biosensors for distinguishing <i>Agrobacterium</i> -mediated plant galls from nematode-mediated root knots. <i>Scientific Reports</i> , 2019, 9, 17961.	3.3	5
21	Aversion center blackening of muskmelon fruit caused by <i>Pseudomonas oryziphila</i> , an opportunistic pathogen of humans and warm-blooded animals. <i>International Journal of Food Microbiology</i> , 2019, 291, 1-4.	4.7	8
22	Quorum Sensing-Independent Cellulase-Sensitive Pellicle Formation Is Critical for Colonization of <i>Burkholderia glumae</i> in Rice Plants. <i>Frontiers in Microbiology</i> , 2019, 10, 3090.	3.5	13
23	<i>Oxalis purpurea</i> sclerotium rot caused by <i>Athelia rolfsii</i> . <i>Australasian Plant Disease Notes</i> , 2018, 13, 1.	0.7	0
24	Population changes and growth modeling of <i>Salmonella enterica</i> during alfalfa seed germination and early sprout development. <i>Food Science and Biotechnology</i> , 2018, 27, 1865-1869.	2.6	5
25	Anti-quorum sensing and anti-biofilm formation activities of plant extracts from South Korea. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 411.	1.2	5
26	Critical role of quorum sensing-dependent glutamate metabolism in homeostatic osmolality and outer membrane vesiculation in <i>Burkholderia glumae</i> . <i>Scientific Reports</i> , 2017, 7, 44195.	3.3	21
27	Identification of <i>Lasiodiplodia pseudotheobromae</i> causing mango dieback in Korea. <i>Canadian Journal of Plant Pathology</i> , 2017, 39, 241-245.	1.4	12
28	Identification of <i>Neocosmospora ipomoeae</i> causing tomato stem rot in Korea. <i>Australasian Plant Disease Notes</i> , 2017, 12, 1.	0.7	4
29	Identification of <i>Pseudomonas syringae</i> pv. <i>syringae</i> causing bacterial leaf blight of <i>Miscanthus sinensis</i> . <i>Journal of Plant Diseases and Protection</i> , 2017, 124, 97-100.	2.9	10
30	The occurrence of sclerotium rot on <i>Momordica charantia</i> caused by <i>Sclerotium rolfsii</i> in Korea. <i>Archives of Phytopathology and Plant Protection</i> , 2016, 49, 43-47.	1.3	0
31	<i>Tetranychus urticae</i> (Acari: Tetranychidae) transmits <i>Acidovorax citrulli</i> , causal agent of bacterial fruit blotch of watermelon. <i>Experimental and Applied Acarology</i> , 2016, 69, 445-451.	1.6	9
32	Antibacterial properties and major bioactive components of <i>Mentha piperita</i> essential oils against bacterial fruit blotch of watermelon. <i>Archives of Phytopathology and Plant Protection</i> , 2016, 49, 325-334.	1.3	4
33	First report of <i>Pseudomonas syringae</i> pv. <i>syringae</i> causing bacterial leaf blight on <i>Miscanthus giganteus</i> . <i>Journal of Plant Diseases and Protection</i> , 2016, 123, 137-140.	2.9	3
34	Black root rot caused by <i>Thielaviopsis basicola</i> on Korean ginseng seedlings grown for the fresh salad market. <i>Canadian Journal of Plant Pathology</i> , 2016, 38, 258-261.	1.4	1
35	Two Genetically Distinct Groups of <i>Acidovorax citrulli</i> are Present in Watermelon-growing Fields in Korea. <i>Journal of Agriculture & Life Science</i> , 2016, 50, 53-59.	0.2	6
36	<i>Guignardia bidwellii</i> causes leaf spot on Boston ivy in South Korea. <i>Australasian Plant Disease Notes</i> , 2015, 10, 1.	0.7	7

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37	Outbreak of Rhizopus Rot Caused by <i>Rhizopus oryzae</i> on Seedlings of Grafted Cucumber on Pumpkin Rootstock in South Korea. <i>Journal of Phytopathology</i> , 2015, 163, 670-674.	1.0	1
38	The occurrence of southern blight on <i>Allium hookerianum</i> caused by <i>Sclerotium rolfsii</i> in Korea. <i>Canadian Journal of Plant Pathology</i> , 2015, 37, 519-522.	1.4	1
39	Antioxidant activity of water extracts of persimmon flower buds. <i>Food Science and Biotechnology</i> , 2015, 24, 281-286.	2.6	2
40	The occurrence of leaf blight on <i>Ophiopogon japonicus</i> caused by <i>Phyllosticta ophiopogonis</i> in Korea. <i>Australasian Plant Disease Notes</i> , 2015, 10, 1.	0.7	1
41	Quorum Sensing Controls Flagellar Morphogenesis in <i>Burkholderia glumae</i> . <i>PLoS ONE</i> , 2014, 9, e84831.	2.5	30
42	The occurrence of sclerotium rot on <i>Catharanthus roseus</i> caused by <i>Sclerotium rolfsii</i> in South Korea. <i>Australasian Plant Disease Notes</i> , 2014, 9, 1.	0.7	1
43	Postharvest soft rot on <i>Citrullus vulgaris</i> caused by <i>Rhizopus oryzae</i> in South Korea. <i>Australasian Plant Disease Notes</i> , 2014, 9, 1.	0.7	5
44	Rhizopus fruit Rot Caused by <i>Rhizopus oryzae</i> on Strawberry. <i>Journal of Agriculture & Life Science</i> , 2014, 48, 27-34.	0.2	4
45	Oak Tree Canker Disease Supports Arthropod Diversity in a Natural Ecosystem. <i>Plant Pathology Journal</i> , 2014, 30, 43-50.	1.7	1
46	Asiatic Dayflower Rust Caused by <i>Uromyces commelinae</i> and its Phylogenetic Analysis Using rDNA Internal Transcribed Spacer Region. <i>Journal of Agriculture & Life Science</i> , 2014, 48, 21-29.	0.2	2
47	The occurrence of <i>Sclerotium</i> rot on white clover (<i>Trifolium repens</i> L.) caused by <i>Sclerotium rolfsii</i> in Korea. <i>Australasian Plant Disease Notes</i> , 2013, 8, 89-91.	0.7	1
48	A simple and sensitive biosensor strain for detecting toxoflavin using β -galactosidase activity. <i>Biosensors and Bioelectronics</i> , 2013, 50, 256-261.	10.1	21
49	<i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> Causing Soft Rot on Paprika in Korea. <i>Journal of Phytopathology</i> , 2013, 161, 125-127.	1.0	24
50	Genetic analysis of <i>Pectobacterium tumefaciens</i> unipolar polysaccharide production reveals complex integrated control of the motile-to sessile switch. <i>Molecular Microbiology</i> , 2013, 89, 929-948.	2.5	97
51	Anthraxnose Caused by <i>Colletotrichum horii</i> on Sweet Persimmon in Korea: Dissemination of Conidia and Disease Development. <i>Journal of Phytopathology</i> , 2013, 161, 497-502.	1.0	17
52	<i>Pantoea stewartii</i> Causing Stewart's Wilt on <i>Dracaena sanderiana</i> in Korea. <i>Journal of Phytopathology</i> , 2013, 161, 578-581.	1.0	10
53	Coordination of Division and Development Influences Complex Multicellular Behavior in <i>Agrobacterium tumefaciens</i> . <i>PLoS ONE</i> , 2013, 8, e56682.	2.5	51
54	Complete Genome Sequence of the Rice Pathogen <i>Pantoea ananatis</i> Strain PA13. <i>Journal of Bacteriology</i> , 2012, 194, 531-531.	2.2	26

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55	Polar growth in the Alphaproteobacterial order Rhizobiales. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1697-1701.	7.1	195
56	Regulation of Universal Stress Protein Genes by Quorum Sensing and RpoS in Burkholderia glumae. Journal of Bacteriology, 2012, 194, 982-992.	2.2	41
57	Phosphorus limitation increases attachment in Agrobacterium tumefaciens and reveals a conditional functional redundancy in adhesin biosynthesis. Research in Microbiology, 2012, 163, 674-684.	2.1	65
58	A novel light-dependent selection marker system in plants. Plant Biotechnology Journal, 2011, 9, 348-358.	8.3	22
59	An HrpB-dependent but type III-independent extracellular aspartic protease is a virulence factor of <i>Ralstonia solanacearum</i> . Molecular Plant Pathology, 2011, 12, 373-380.	4.2	17
60	Acaricidal and oviposition deterring effects of santalol identified in sandalwood oil against two-spotted spider mite, Tetranychus urticae Koch (Acari: Tetranychidae). Journal of Pest Science, 2011, 84, 495-501.	3.7	47
61	Complete Genome Sequence of Burkholderia gladioli BSR3. Journal of Bacteriology, 2011, 193, 3149-3149.	2.2	47
62	Small-molecule inhibitor binding to an <i>N</i> -acyl-homoserine lactone synthase. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12089-12094.	7.1	102
63	Soft Rot on Cucumis melo var. makuwa Caused by Rhizopus oryzae. Mycobiology, 2010, 38, 336.	1.7	4
64	Biochemical Evidence for ToxR and ToxJ Binding to the <i>tox</i> Operons of Burkholderia glumae and Mutational Analysis of ToxR. Journal of Bacteriology, 2009, 191, 4870-4878.	2.2	19
65	The Quorum Sensing-Dependent Gene <i>katG</i> of Burkholderia glumae Is Important for Protection from Visible Light. Journal of Bacteriology, 2009, 191, 4152-4157.	2.2	46
66	Proteomic analysis of the proteins regulated by HrpB from the plant pathogenic bacterium <i>Burkholderia glumae</i> . Proteomics, 2008, 8, 106-121.	2.2	43
67	Identification, characterization and regulation of two secreted polygalacturonases of the emerging rice pathogen Burkholderia glumae. FEMS Microbiology Ecology, 2008, 65, 251-262.	2.7	22
68	Genetic Diversity and Distribution of Korean Isolates of <i>Ralstonia solanacearum</i> . Plant Disease, 2007, 91, 1277-1287.	1.4	73
69	Involvement of a Quorum-Sensing-Regulated Lipase Secreted by a Clinical Isolate of Burkholderia glumae in Severe Disease Symptoms in Rice. Applied and Environmental Microbiology, 2007, 73, 4950-4958.	3.1	82
70	Regulation of polar flagellum genes is mediated by quorum sensing and FlhDC in Burkholderia glumae. Molecular Microbiology, 2007, 64, 165-179.	2.5	108
71	Improvement of biological control capacity of Paenibacillus polymyxa E681 by seed pelleting on sesame. Biological Control, 2006, 39, 282-289.	3.0	129
72	Quorum sensing and the LysR-type transcriptional activator ToxR regulate toxoflavin biosynthesis and transport in Burkholderia glumae. Molecular Microbiology, 2004, 54, 921-934.	2.5	201

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73	Colonization and Population Changes of a Biocontrol Agent, <i>Paenibacillus polymyxa</i> E681, in Seeds and Roots. <i>Plant Pathology Journal</i> , 2004, 20, 97-102.	1.7	14
74	Toxoflavin Produced by <i>Burkholderia glumae</i> Causing Rice Grain Rot Is Responsible for Inducing Bacterial Wilt in Many Field Crops. <i>Plant Disease</i> , 2003, 87, 890-895.	1.4	173
75	Influence of genomic structural variations and nutritional conditions on the emergence of quorum sensing-dependent gene regulation defects in <i>Burkholderia glumae</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	3