

Jinwoo Kim

List of Publications by Year in descending order

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92
papers

3,917
citations

172457

29
h-index

128289

60
g-index

93
all docs

93
docs citations

93
times ranked

3460
citing authors

#	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	<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
5	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
6	A novel toxoflavin-quenching regulation in bacteria and its application to resistance cultivars. <i>Microbial Biotechnology</i> , 2021, 14, 1657-1670.	4.2	3
7	Genetic Diversity and Distribution of Korean Isolates of <i>Burkholderia glumae</i> . <i>Plant Disease</i> , 2021, 105, 1398-1407.	1.4	4
8	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
9	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
10	Healthier Life with Digital Companions: Effects of Reflection-Level and Statement-Type of Messages on Behavior Change via a Perceived Companion. <i>International Journal of Human-Computer Interaction</i> , 2020, 36, 172-189.	4.8	5
11	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
12	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
13	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
14	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
15	Bacterial shoot blight of sweet crab apple caused by <i>Pseudomonas viridiflava</i> . <i>Forest Pathology</i> , 2020, 50, e12603.	1.1	4
16	Dual-Purpose Inoculants and Their Effects on Corn Silage. <i>Microorganisms</i> , 2020, 8, 765.	3.6	19
17	The effect of ambiguous visual stimuli on creativity in design idea generation. <i>International Journal of Design Creativity and Innovation</i> , 2019, 7, 70-98.	1.2	2
18	Where WTS meets WTB: A Blockchain-based Marketplace for Digital Me to trade users' private data. <i>Pervasive and Mobile Computing</i> , 2019, 59, 101078.	3.3	15

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19	Egoistic and altruistic motivation: How to induce users's™ willingness to help for imperfect AI. <i>Computers in Human Behavior</i> , 2019, 101, 180-196.	8.5	22
20	Lifespan Design of Conversational Agent with Growth and Regression Metaphor for the Natural Supervision on Robot Intelligence. , 2019, , .		0
21	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
22	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
23	Aversion center blackening of muskmelon fruit caused by <i>Pseudomonas oryzihabitans</i> , an opportunistic pathogen of humans and warm-blooded animals. <i>International Journal of Food Microbiology</i> , 2019, 291, 1-4.	4.7	8
24	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
25	Data-centered persuasion: Nudging user's prosocial behavior and designing social innovation. <i>Computers in Human Behavior</i> , 2018, 80, 168-178.	8.5	18
26	The New Snapshot Narrators: Changing Your Visions and Perspectives!. <i>Interacting With Computers</i> , 2018, 30, 293-314.	1.5	1
27	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
28	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
29	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
30	Design for experience innovation: understanding user experience in new product development. <i>Behaviour and Information Technology</i> , 2017, 36, 1218-1234.	4.0	20
31	Companionship with smart home devices: The impact of social connectedness and interaction types on perceived social support and companionship in smart homes. <i>Computers in Human Behavior</i> , 2017, 75, 922-934.	8.5	45
32	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
33	The Effects of Hover Interface on Users's™ Behavioral Multitasking Intention. <i>International Journal of Human-Computer Interaction</i> , 2017, 33, 537-548.	4.8	1
34	<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
35	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
36	First report of <i>Pseudomonas syringae</i> pv. <i>syringae</i> causing bacterial leaf blight on <i>Miscanthus</i> — <i>Agiganteus</i> . <i>Journal of Plant Diseases and Protection</i> , 2016, 123, 137-140.	2.9	3

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37	InÂvitro antibacterial activity and major bioactive components of Cinnamomum verum essential oils against cariogenic bacteria, Streptococcus mutans and Streptococcus sobrinus. Asian Pacific Journal of Tropical Biomedicine, 2016, 6, 308-314.	1.2	46
38	Application of experiential locus of control to understand users' judgments toward useful experience. Computers in Human Behavior, 2016, 54, 326-340.	8.5	15
39	Prosocial Activists in SNS: The Impact of Isomorphism and Social Presence on Prosocial Behaviors. International Journal of Human-Computer Interaction, 2015, 31, 939-958.	4.8	13
40	Antioxidant activity of water extracts of persimmon flower buds. Food Science and Biotechnology, 2015, 24, 281-286.	2.6	2
41	Antecedents of relational inertia and information sharing in SNS usage: The moderating role of structural autonomy. Technological Forecasting and Social Change, 2015, 95, 32-47.	11.6	33
42	Quorum Sensing Controls Flagellar Morphogenesis in Burkholderia glumae. PLoS ONE, 2014, 9, e84831.	2.5	30
43	A comparative study of the motivational orientation type on users' behavior: focusing on ubiquitous computing services. Multimedia Tools and Applications, 2014, 68, 321-336.	3.9	7
44	E-impression dimensions. Multimedia Tools and Applications, 2014, 68, 281-296.	3.9	1
45	Investigation of Quorum Sensing-Dependent Gene Expression in Burkholderia gladioli BSR3 through RNA-seq Analyses. Journal of Microbiology and Biotechnology, 2014, 24, 1609-1621.	2.1	12
46	Oak Tree Canker Disease Supports Arthropod Diversity in a Natural Ecosystem. Plant Pathology Journal, 2014, 30, 43-50.	1.7	1
47	A simple and sensitive biosensor strain for detecting toxoflavin using β -galactosidase activity. Biosensors and Bioelectronics, 2013, 50, 256-261.	10.1	21
48	<i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> Causing Soft Rot on Paprika in Korea. Journal of Phytopathology, 2013, 161, 125-127.	1.0	24
49	Why do people share their context information on Social Network Services? A qualitative study and an experimental study on users' behavior of balancing perceived benefit and risk. International Journal of Human Computer Studies, 2013, 71, 862-877.	5.6	125
50	Good Samaritans on social network services: Effects of shared context information on social supports for strangers. International Journal of Human Computer Studies, 2013, 71, 900-918.	5.6	15
51	Genetic analysis of <i>Aerobacterium tumefaciens</i> unipolar polysaccharide production reveals complex integrated control of the motile-to sessile switch. Molecular Microbiology, 2013, 89, 929-948.	2.5	97
52	Anthracoïse Caused by <i>Colletotrichum horii</i> on Sweet Persimmon in Korea: Dissemination of Conidia and Disease Development. Journal of Phytopathology, 2013, 161, 497-502.	1.0	17
53	<i>Pantoea stewartii</i> Causing Stewart's Wilt on <i>Dracaena sanderiana</i> in Korea. Journal of Phytopathology, 2013, 161, 578-581.	1.0	10
54	Coordination of Division and Development Influences Complex Multicellular Behavior in <i>Agrobacterium tumefaciens</i> . PLoS ONE, 2013, 8, e56682.	2.5	51

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55	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
56	Polar growth in the Alphaproteobacterial order Rhizobiales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1697-1701.	7.1	195
57	Regulation of Universal Stress Protein Genes by Quorum Sensing and RpoS in <i>Burkholderia glumae</i> . <i>Journal of Bacteriology</i> , 2012, 194, 982-992.	2.2	41
58	The effects of egocentric and allocentric representations on presence and perceived realism: Tested in stereoscopic 3D games. <i>Interacting With Computers</i> , 2012, 24, 251-264.	1.5	20
59	Phosphorus limitation increases attachment in <i>Agrobacterium tumefaciens</i> and reveals a conditional functional redundancy in adhesin biosynthesis. <i>Research in Microbiology</i> , 2012, 163, 674-684.	2.1	65
60	Getting closer and experiencing together: Antecedents and consequences of psychological distance in social media-enhanced real-time streaming video. <i>Computers in Human Behavior</i> , 2012, 28, 1365-1378.	8.5	90
61	A novel light-dependent selection marker system in plants. <i>Plant Biotechnology Journal</i> , 2011, 9, 348-358.	8.3	22
62	An HrpB-dependent but type III-independent extracellular aspartic protease is a virulence factor of <i>Ralstonia solanacearum</i> . <i>Molecular Plant Pathology</i> , 2011, 12, 373-380.	4.2	17
63	Acaricidal and oviposition deterring effects of santalol identified in sandalwood oil against two-spotted spider mite, <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae). <i>Journal of Pest Science</i> , 2011, 84, 495-501.	3.7	47
64	Complete Genome Sequence of <i>Burkholderia gladioli</i> BSR3. <i>Journal of Bacteriology</i> , 2011, 193, 3149-3149.	2.2	47
65	Small-molecule inhibitor binding to an <i>N</i> -acyl-homoserine lactone synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12089-12094.	7.1	102
66	An acceptance model for an Internet protocol television service in Korea with prior experience as a moderator. <i>Service Industries Journal</i> , 2010, 30, 1883-1901.	8.3	18
67	Older Adults in an Aging Society and Social Computing: A Research Agenda. <i>International Journal of Human-Computer Interaction</i> , 2010, 26, 1122-1146.	4.8	24
68	Biochemical Evidence for ToxR and ToxJ Binding to the <i>tox</i> Operons of <i>Burkholderia glumae</i> and Mutational Analysis of ToxR. <i>Journal of Bacteriology</i> , 2009, 191, 4870-4878.	2.2	19
69	Design-Oriented New Product Development. <i>Research Technology Management</i> , 2009, 52, 36-46.	0.8	10
70	The Quorum Sensing-Dependent Gene <i>katG</i> of <i>Burkholderia glumae</i> Is Important for Protection from Visible Light. <i>Journal of Bacteriology</i> , 2009, 191, 4152-4157.	2.2	46
71	Proteomic analysis of the proteins regulated by HrpB from the plant pathogenic bacterium <i>Burkholderia glumae</i> . <i>Proteomics</i> , 2008, 8, 106-121.	2.2	43
72	Identification, characterization and regulation of two secreted polygalacturonases of the emerging rice pathogen <i>Burkholderia glumae</i> . <i>FEMS Microbiology Ecology</i> , 2008, 65, 251-262.	2.7	22

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73	Toward the development of multi-dimensional index for creative management. , 2008, , .		0
74	Pyrrroquinoline Quinone Is a Plant Growth Promotion Factor Produced by <i>Pseudomonas fluorescens</i> B16. <i>Plant Physiology</i> , 2008, 146, 657-668.	4.8	195
75	Culture-Technology Fit: Effects of Cultural Characteristics on the Post-Adoption Beliefs of Mobile Internet Users. <i>International Journal of Electronic Commerce</i> , 2007, 11, 11-51.	3.0	257
76	Genetic Diversity and Distribution of Korean Isolates of <i>Ralstonia solanacearum</i> . <i>Plant Disease</i> , 2007, 91, 1277-1287.	1.4	73
77	Involvement of a Quorum-Sensing-Regulated Lipase Secreted by a Clinical Isolate of <i>Burkholderia glumae</i> in Severe Disease Symptoms in Rice. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4950-4958.	3.1	82
78	Regulation of polar flagellum genes is mediated by quorum sensing and FlhDC in <i>Burkholderia glumae</i> . <i>Molecular Microbiology</i> , 2007, 64, 165-179.	2.5	108
79	Improvement of biological control capacity of <i>Paenibacillus polymyxa</i> E681 by seed pelleting on sesame. <i>Biological Control</i> , 2006, 39, 282-289.	3.0	129
80	An Empirical Study of Use Contexts in the Mobile Internet, Focusing on the Usability of Information Architecture. <i>Information Systems Frontiers</i> , 2005, 7, 175-186.	6.4	43
81	Use Contexts for the Mobile Internet: A Longitudinal Study Monitoring Actual Use of Mobile Internet Services. <i>International Journal of Human-Computer Interaction</i> , 2005, 18, 269-292.	4.8	142
82	Visualizing E-Brand Personality: Exploratory Studies on Visual Attributes and E-Brand Personalities in Korea. <i>International Journal of Human-Computer Interaction</i> , 2005, 19, 7-34.	4.8	44
83	Quorum sensing and the LysR-type transcriptional activator ToxR regulate toxoflavin biosynthesis and transport in <i>Burkholderia glumae</i> . <i>Molecular Microbiology</i> , 2004, 54, 921-934.	2.5	201
84	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
85	Designing emotionally evocative homepages: an empirical study of the quantitative relations between design factors and emotional dimensions. <i>International Journal of Human Computer Studies</i> , 2003, 59, 899-940.	5.6	161
86	An empirical study on the adoption of information appliances with a focus on interactive TV. <i>Telematics and Informatics</i> , 2003, 20, 161-183.	5.8	56
87	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
88	Information Quality for Mobile Internet Services: A Theoretical Model with Empirical Validation. <i>Electronic Markets</i> , 2002, 12, 38-46.	8.1	226
89	Designing towards emotional usability in customer interfaces—trustworthiness of cyber-banking system interfaces. <i>Interacting With Computers</i> , 1998, 10, 1-29.	1.5	289
90	Does every link have the same usability?. , 1998, , .		0

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91	An empirical study of the use contexts and usability problems in mobile Internet. , 0, , .		37
92	An empirical study on the effect of a driving companion bot on anger coping behaviors. Behaviour and Information Technology, 0, , 1-16.	4.0	0