

Yong Hoon Lee

List of Publications by Year in descending order

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35
papers

1,222
citations

516710

16
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bacterial Virulence Protein Suppresses Host Innate Immunity to Cause Plant Disease. <i>Science</i> , 2006, 313, 220-223.	12.6	438
2	Effect of light on growth, intracellular and extracellular pigment production by five pigment-producing filamentous fungi in synthetic medium. <i>Journal of Bioscience and Bioengineering</i> , 2010, 109, 346-350.	2.2	96
3	Volatile Indole Produced by Rhizobacterium <i>Proteus vulgaris</i> JBS202 Stimulates Growth of <i>Arabidopsis thaliana</i> Through Auxin, Cytokinin, and Brassinosteroid Pathways. <i>Journal of Plant Growth Regulation</i> , 2015, 34, 158-168.	5.1	82
4	Volatile compounds from <i>Alcaligenes faecalis</i> JBCS1294 confer salt tolerance in <i>Arabidopsis thaliana</i> through the auxin and gibberellin pathways and differential modulation of gene expression in root and shoot tissues. <i>Plant Growth Regulation</i> , 2015, 75, 297-306.	3.4	71
5	Light quality influences the virulence and physiological responses of <i>Colletotrichum acutatum</i> causing anthracnose in pepper plants. <i>Journal of Applied Microbiology</i> , 2013, 115, 509-516.	3.1	48
6	Green and Red Light Reduces the Disease Severity by <i>Pseudomonas cichorii</i> JBC1 in Tomato Plants via Upregulation of Defense-Related Gene Expression. <i>Phytopathology</i> , 2015, 105, 412-418.	2.2	39
7	Plant growth promoting rhizobacterium <i>Proteus vulgaris</i> JBS202 stimulates the seedling growth of Chinese cabbage through indole emission. <i>Plant and Soil</i> , 2013, 370, 485-495.	3.7	37
8	Effect of light quality on <i>Bacillus amyloliquefaciens</i> JBC36 and its biocontrol efficacy. <i>Biological Control</i> , 2013, 64, 203-210.	3.0	32
9	A cocktail of volatile compounds emitted from <i>Alcaligenes faecalis</i> JBCS1294 induces salt tolerance in <i>Arabidopsis thaliana</i> by modulating hormonal pathways and ion transporters. <i>Journal of Plant Physiology</i> , 2017, 214, 64-73.	3.5	31
10	Diversity of Bacteriophages Infecting <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in Paddy Fields and Its Potential to Control Bacterial Leaf Blight of Rice. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 740-747.	2.1	31
11	Water-soluble red pigments from <i>Isaria farinosa</i> and structural characterization of the main colored component. <i>Journal of Basic Microbiology</i> , 2010, 50, 581-590.	3.3	29
12	Visual Analysis for Detection and Quantification of <i>Pseudomonas cichorii</i> Disease Severity in Tomato Plants. <i>Plant Pathology Journal</i> , 2016, 32, 300-310.	1.7	22
13	Biocontrol of green and blue molds in postharvest satsuma mandarin using <i>Bacillus amyloliquefaciens</i> JBC36. <i>Biocontrol Science and Technology</i> , 2012, 22, 1181-1197.	1.3	21
14	First report on the whole genome sequence of <i>Pseudomonas cichorii</i> strain JBC1 and comparison with other <i>Pseudomonas</i> species. <i>Plant Pathology</i> , 2015, 64, 63-70.	2.4	20
15	First Report of <i>Pseudomonas cichorii</i> Associated with Leaf Spot on Soybean in South Korea. <i>Plant Disease</i> , 2012, 96, 142-142.	1.4	18
16	Assessment of the Contribution of Antagonistic Secondary Metabolites to the Antifungal and Biocontrol Activities of <i>Pseudomonas fluorescens</i> NBC275. <i>Plant Pathology Journal</i> , 2020, 36, 491-496.	1.7	18
17	Genes involved in nutrient competition by <i>Pseudomonas putida</i> JBC17 to suppress green mold in postharvest satsuma mandarin. <i>Journal of Basic Microbiology</i> , 2015, 55, 898-906.	3.3	17
18	Taxonomic and Functional Changes of Bacterial Communities in the Rhizosphere of Kimchi Cabbage After Seed Bacterization with <i>Proteus vulgaris</i> JBS202. <i>Plant Pathology Journal</i> , 2018, 34, 286-296.	1.7	16

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19	Comparative ultrastructure of nonwounded Mexican lime and Yuzu leaves infected with the citrus canker bacterium <i>Xanthomonas citri</i> pv. <i>citri</i> . <i>Microscopy Research and Technique</i> , 2009, 72, 507-516.	2.2	15
20	An effector gene hopA1 influences on virulence, host specificity, and lifestyles of <i>Pseudomonas cichorii</i> JBC1. <i>Research in Microbiology</i> , 2014, 165, 620-629.	2.1	15
21	Effects of green light on the gene expression and virulence of the plant pathogen <i>Pseudomonas cichorii</i> JBC1. <i>European Journal of Plant Pathology</i> , 2018, 150, 223-236.	1.7	15
22	Use of Dominant-negative HrpA Mutants to Dissect Hrp Pilus Assembly and Type III Secretion in <i>Pseudomonas syringae</i> pv. tomato. <i>Journal of Biological Chemistry</i> , 2005, 280, 21409-21417.	3.4	14
23	Characterization of ACC deaminase gene in <i>Pseudomonas entomophila</i> strain PSâ€PJH isolated from the rhizosphere soil. <i>Journal of Basic Microbiology</i> , 2010, 50, 200-205.	3.3	11
24	Influence of light qualities on antifungal lipopeptide synthesis in <i>Bacillus amyloliquefaciens</i> JBC36. <i>European Journal of Plant Pathology</i> , 2013, 137, 243-248.	1.7	11
25	The bacterial community in the rhizosphere of Kimchi cabbage restructured by volatile compounds emitted from rhizobacterium <i>Proteus vulgaris</i> JBS202. <i>Applied Soil Ecology</i> , 2016, 105, 48-56.	4.3	11
26	Association of Elm Yellows Subgroup 16SrV-B Phytoplasma with a Disease of <i>Hovenia dulcis</i> . <i>Journal of Phytopathology</i> , 2011, 159, 171-174.	1.0	10
27	Control of Anthracnose and Gray Mold in Pepper Plants Using Culture Extract of White-Rot Fungus and Active Compound Schizostatin. <i>Mycobiology</i> , 2019, 47, 87-96.	1.7	10
28	Differentiation of citrus bacterial canker strains in Korea by host range, rep-PCR fingerprinting and 16S rDNA analysis. <i>European Journal of Plant Pathology</i> , 2008, 121, 97-102.	1.7	9
29	High-throughput analysis of genes involved in biocontrol performance of <i>Pseudomonas fluorescens</i> NBC275 against Gray mold. <i>Journal of Applied Microbiology</i> , 2020, 128, 265-279.	3.1	9
30	Elucidation of the functional role of flagella in virulence and ecological traits of <i>Pseudomonas cichorii</i> using flagella absence (<i>flj</i>) and deficiency (<i>flj</i>) mutants. <i>Research in Microbiology</i> , 2016, 167, 262-271.	2.1	8
31	Features of Bacterial Microbiota in the Wild Habitat of <i>Pulsatilla tongkangensis</i> , the Endangered Long-Sepal Donggang Pasque-Flower Plant, Endemic to Karst Topography of Korea. <i>Frontiers in Microbiology</i> , 2021, 12, 656105.	3.5	7
32	High-throughput identification of genes influencing the competitive ability to obtain nutrients and performance of biocontrol in <i>Pseudomonas putida</i> JBC17. <i>Scientific Reports</i> , 2022, 12, 872.	3.3	6
33	Toxicity of paraquat to <i>Daphnia magna</i> under different exposure conditions associated with Korean agricultural conditions. <i>Aquatic Ecosystem Health and Management</i> , 2009, 12, 330-336.	0.6	2
34	SrfC of <i>Pseudomonas cichorii</i> JBC1 affects its attachment to the host surface and host tissue infection. <i>Plant Pathology</i> , 2019, 68, 1099-1108.	2.4	2
35	Characterization of Virulence Function of <i>Pseudomonas cichorii</i> Avirulence Protein E1 (AvrE1) during Host Plant Infection. <i>Plant Pathology Journal</i> , 2021, 37, 494-501.	1.7	1