

Choong-Min Ryu

List of Publications by Year in descending order

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182
papers

16,719
citations

24978

57
h-index

16605

123
g-index

186
all docs

186
docs citations

186
times ranked

13262
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhizosphere bacteria help plants tolerate abiotic stress. Trends in Plant Science, 2009, 14, 1-4.	4.3	1,467
2	Bacterial volatiles promote growth in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4927-4932.	3.3	1,415
3	Induced Systemic Resistance and Promotion of Plant Growth by Bacillus spp.. Phytopathology, 2004, 94, 1259-1266.	1.1	1,341
4	Bacterial Volatiles Induce Systemic Resistance in Arabidopsis. Plant Physiology, 2004, 134, 1017-1026.	2.3	1,165
5	Rhizobacterial volatile emissions regulate auxin homeostasis and cell expansion in Arabidopsis. Planta, 2007, 226, 839-851.	1.6	421
6	Nonhost resistance: how much do we know?. Trends in Plant Science, 2004, 9, 97-104.	4.3	372
7	2R,3R-Butanediol, a Bacterial Volatile Produced by <i>Pseudomonas chlororaphis</i> O6, Is Involved in Induction of Systemic Tolerance to Drought in <i>Arabidopsis thaliana</i> . Molecular Plant-Microbe Interactions, 2008, 21, 1067-1075.	1.4	367
8	GC-MS SPME profiling of rhizobacterial volatiles reveals prospective inducers of growth promotion and induced systemic resistance in plants. Phytochemistry, 2006, 67, 2262-2268.	1.4	349
9	Role of bacterial volatile compounds in bacterial biology. FEMS Microbiology Reviews, 2015, 39, 222-233.	3.9	329
10	Induced Systemic Protection Against Tomato Late Blight Elicited by Plant Growth-Promoting Rhizobacteria. Phytopathology, 2002, 92, 1329-1333.	1.1	262
11	Dynamic Chemical Communication between Plants and Bacteria through Airborne Signals: Induced Resistance by Bacterial Volatiles. Journal of Chemical Ecology, 2013, 39, 1007-1018.	0.9	248
12	Induced Resistance by a Long-Chain Bacterial Volatile: Elicitation of Plant Systemic Defense by a C13 Volatile Produced by <i>Paenibacillus polymyxa</i> . PLoS ONE, 2012, 7, e48744.	1.1	246
13	Plant growth-promoting rhizobacteria systemically protect <i>Arabidopsis thaliana</i> against Cucumber mosaic virus by a salicylic acid and NPR1-independent and jasmonic acid-dependent signaling pathway. Plant Journal, 2004, 39, 381-392.	2.8	242
14	A therapeutic neutralizing antibody targeting receptor binding domain of SARS-CoV-2 spike protein. Nature Communications, 2021, 12, 288.	5.8	224
15	Glycolate Oxidase Modulates Reactive Oxygen Species-Mediated Signal Transduction during Nonhost Resistance in <i>Nicotiana benthamiana</i> and <i>Arabidopsis</i> . Plant Cell, 2012, 24, 336-352.	3.1	215
16	Agrodrench: a novel and effective agroinoculation method for virus-induced gene silencing in roots and diverse Solanaceous species. Plant Journal, 2004, 40, 322-331.	2.8	214
17	The Multifactorial Basis for Plant Health Promotion by Plant-Associated Bacteria. Applied and Environmental Microbiology, 2011, 77, 1548-1555.	1.4	212
18	Disruption of Firmicutes and Actinobacteria abundance in tomato rhizosphere causes the incidence of bacterial wilt disease. ISME Journal, 2021, 15, 330-347.	4.4	203

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19	Cytokinins and plant immunity: old foes or new friends?. Trends in Plant Science, 2011, 16, 388-394.	4.3	197
20	Endophytic <i>Trichoderma</i> Isolates from Tropical Environments Delay Disease Onset and Induce Resistance Against <i>Phytophthora capsici</i> in Hot Pepper Using Multiple Mechanisms. Molecular Plant-Microbe Interactions, 2011, 24, 336-351.	1.4	188
21	Airborne Induction and Priming of Plant Defenses against a Bacterial Pathogen. Plant Physiology, 2009, 151, 2152-2161.	2.3	186
22	Study of mechanisms for plant growth promotion elicited by rhizobacteria in <i>Arabidopsis thaliana</i> . Plant and Soil, 2005, 268, 285-292.	1.8	185
23	GDSL lipase-like 1 regulates systemic resistance associated with ethylene signaling in <i>Arabidopsis</i> . Plant Journal, 2009, 58, 235-245.	2.8	175
24	Two Volatile Organic Compounds Trigger Plant Self-Defense against a Bacterial Pathogen and a Sucking Insect in Cucumber under Open Field Conditions. International Journal of Molecular Sciences, 2013, 14, 9803-9819.	1.8	173
25	Salicylic Acid and Systemic Acquired Resistance Play a Role in Attenuating Crown Gall Disease Caused by <i>Agrobacterium tumefaciens</i> . Plant Physiology, 2008, 146, 323-324.	2.3	163
26	Rhizobacteria-Mediated Growth Promotion of Tomato Leads to Protection Against Cucumber mosaic virus. Phytopathology, 2003, 93, 1301-1307.	1.1	156
27	Different signaling pathways of induced resistance by rhizobacteria in <i>Arabidopsis thaliana</i> against two pathovars of <i>Pseudomonas syringae</i> . New Phytologist, 2003, 160, 413-420.	3.5	148
28	Revisiting bacterial volatile-mediated plant growth promotion: lessons from the past and objectives for the future. Annals of Botany, 2018, 122, 349-358.	1.4	148
29	Phytosterols Play a Key Role in Plant Innate Immunity against Bacterial Pathogens by Regulating Nutrient Efflux into the Apoplast. Plant Physiology, 2012, 158, 1789-1802.	2.3	146
30	Proteome analysis of <i>Arabidopsis</i> seedlings exposed to bacterial volatiles. Planta, 2010, 232, 1355-1370.	1.6	138
31	Whitefly infestation of pepper plants elicits defence responses against bacterial pathogens in leaves and roots and changes the below-ground microflora. Journal of Ecology, 2011, 99, 46-56.	1.9	134
32	Sweet scents from good bacteria: Case studies on bacterial volatile compounds for plant growth and immunity. Plant Molecular Biology, 2016, 90, 677-687.	2.0	133
33	Improvement of biological control capacity of <i>Paenibacillus polymyxa</i> E681 by seed pelleting on sesame. Biological Control, 2006, 39, 282-289.	1.4	129
34	Galactinol Is a Signaling Component of the Induced Systemic Resistance Caused by <i>Pseudomonas chlororaphis</i> O6 Root Colonization. Molecular Plant-Microbe Interactions, 2008, 21, 1643-1653.	1.4	121
35	Elicitors and priming agents initiate plant defense responses. Photosynthesis Research, 2005, 85, 149-159.	1.6	120
36	Foliar aphid feeding recruits rhizosphere bacteria and primes plant immunity against pathogenic and non-pathogenic bacteria in pepper. Annals of Botany, 2012, 110, 281-290.	1.4	116

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37	ISR meets SAR outside: additive action of the endophyte <i>Bacillus pumilus</i> INR7 and the chemical inducer, benzothiadiazole, on induced resistance against bacterial spot in field-grown pepper. <i>Frontiers in Plant Science</i> , 2013, 4, 122.	1.7	115
38	Are Bacterial Volatile Compounds Poisonous Odors to a Fungal Pathogen <i>Botrytis cinerea</i> , Alarm Signals to <i>Arabidopsis</i> Seedlings for Eliciting Induced Resistance, or Both?. <i>Frontiers in Microbiology</i> , 2016, 7, 196.	1.5	109
39	Microbe-induced plant volatiles. <i>New Phytologist</i> , 2018, 220, 684-691.	3.5	103
40	Interspecific bacterial sensing through airborne signals modulates locomotion and drug resistance. <i>Nature Communications</i> , 2013, 4, 1809.	5.8	102
41	The <i>Arabidopsis</i> Cysteine-Rich Receptor-Like Kinase CRK36 Regulates Immunity through Interaction with the Cytoplasmic Kinase BK1. <i>Frontiers in Plant Science</i> , 2017, 8, 1856.	1.7	95
42	Impact of a Bacterial Volatile 2,3-Butanediol on <i>Bacillus subtilis</i> Rhizosphere Robustness. <i>Frontiers in Microbiology</i> , 2016, 7, 993.	1.5	94
43	Genome Sequence of the Polymyxin-Producing Plant-Probiotic Rhizobacterium <i>Paenibacillus polymyxa</i> E681. <i>Journal of Bacteriology</i> , 2010, 192, 6103-6104.	1.0	92
44	Field Evaluation of the Bacterial Volatile Derivative 3-Pentanol in Priming for Induced Resistance in Pepper. <i>Journal of Chemical Ecology</i> , 2014, 40, 882-892.	0.9	89
45	Enhanced performance of the microalga <i>Chlorella sorokiniana</i> remotely induced by the plant growth-promoting bacteria <i>Azospirillum brasilense</i> and <i>Bacillus pumilus</i> . <i>Scientific Reports</i> , 2017, 7, 41310.	1.6	85
46	Stereoisomers of the Bacterial Volatile Compound 2,3-Butanediol Differently Elicit Systemic Defense Responses of Pepper against Multiple Viruses in the Field. <i>Frontiers in Plant Science</i> , 2018, 9, 90.	1.7	83
47	Achieving similar root microbiota composition in neighbouring plants through airborne signalling. <i>ISME Journal</i> , 2021, 15, 397-408.	4.4	83
48	Induced defence in tobacco by <i>Pseudomonas chlororaphis</i> strain O6 involves at least the ethylene pathway. <i>Physiological and Molecular Plant Pathology</i> , 2003, 63, 27-34.	1.3	82
49	Sniffing bacterial volatile compounds for healthier plants. <i>Current Opinion in Plant Biology</i> , 2018, 44, 88-97.	3.5	82
50	Diverse plant extracts and <i>trans</i> -resveratrol inhibit biofilm formation and swarming of <i>Escherichia coli</i> O157:H7. <i>Biofouling</i> , 2013, 29, 1189-1203.	0.8	78
51	Identification and Characterization of Plant Genes Involved in <i>Agrobacterium</i> -Mediated Plant Transformation by Virus-Induced Gene Silencing. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 41-52.	1.4	77
52	Enhancement of Plant Drought Tolerance by Microbes. , 2012, , 383-413.		77
53	Aboveground Whitefly Infestation-Mediated Reshaping of the Root Microbiota. <i>Frontiers in Microbiology</i> , 2016, 7, 1314.	1.5	74
54	Chronicle of a Soil Bacterium: <i>Paenibacillus polymyxa</i> E681 as a Tiny Guardian of Plant and Human Health. <i>Frontiers in Microbiology</i> , 2019, 10, 467.	1.5	71

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55	Two bacterial entophytes eliciting both plant growth promotion and plant defense on pepper (<i>Capsicum annuum</i> L.). <i>Journal of Microbiology and Biotechnology</i> , 2007, 17, 96-103.	0.9	70
56	Interference of quorum sensing and virulence of the rice pathogen <i>Burkholderia glumae</i> by an engineered endophytic bacterium. <i>FEMS Microbiology Ecology</i> , 2007, 60, 14-23.	1.3	67
57	Spraying of Leaf-Colonizing <i>Bacillus amyloliquefaciens</i> Protects Pepper from Cucumber mosaic virus. <i>Plant Disease</i> , 2016, 100, 2099-2105.	0.7	63
58	Biological control and plant growth promoting capacity of rhizobacteria on pepper under greenhouse and field conditions. <i>Journal of Microbiology</i> , 2012, 50, 380-385.	1.3	61
59	Against friend and foe: Type 6 effectors in plant-associated bacteria. <i>Journal of Microbiology</i> , 2015, 53, 201-208.	1.3	61
60	Beyond Chemical Triggers: Evidence for Sound-Evoked Physiological Reactions in Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 25.	1.7	61
61	The folate precursor para-aminobenzoic acid elicits induced resistance against Cucumber mosaic virus and <i>Xanthomonas axonopodis</i> . <i>Annals of Botany</i> , 2013, 111, 925-934.	1.4	58
62	Algae as New Kids in the Beneficial Plant Microbiome. <i>Frontiers in Plant Science</i> , 2021, 12, 599742.	1.7	57
63	One shot-two pathogens blocked. <i>Plant Signaling and Behavior</i> , 2013, 8, e24619.	1.2	55
64	Priming of Defense-Related Genes Confers Root-Colonizing Bacilli-Elicited Induced Systemic Resistance in Pepper. <i>Plant Pathology Journal</i> , 2009, 25, 389-399.	0.7	55
65	Deciphering the conserved genetic loci implicated in plant disease control through comparative genomics of <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 631.	1.7	52
66	Seed defense biopriming with bacterial cyclodipeptides triggers immunity in cucumber and pepper. <i>Scientific Reports</i> , 2017, 7, 14209.	1.6	52
67	Plant growth-promoting archaea trigger induced systemic resistance in <i>Arabidopsis thaliana</i> against <i>Pectobacterium carotovorum</i> and <i>Pseudomonas syringae</i> . <i>Environmental Microbiology</i> , 2019, 21, 940-948.	1.8	52
68	Involvement of the OsMKK4-OsMPK1 Cascade and its Downstream Transcription Factor OsWRKY53 in the Wounding Response in Rice. <i>Plant Pathology Journal</i> , 2014, 30, 168-177.	0.7	50
69	Bacterial persistence: Fundamentals and clinical importance. <i>Journal of Microbiology</i> , 2019, 57, 829-835.	1.3	50
70	Inheritance of seed and rhizosphere microbial communities through plant-soil feedback and soil memory. <i>Environmental Microbiology Reports</i> , 2019, 11, 479-486.	1.0	50
71	Genome Sequence of <i>Bacillus amyloliquefaciens</i> GB03, an Active Ingredient of the First Commercial Biological Control Product. <i>Genome Announcements</i> , 2014, 2, .	0.8	49
72	<i>In Vivo</i> Application of Bacteriophage as a Potential Therapeutic Agent To Control OXA-66-Like Carbapenemase-Producing <i>Acinetobacter baumannii</i> Strains Belonging to Sequence Type 357. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4200-4208.	1.4	49

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73	Invisible Signals from the Underground: Bacterial Volatiles Elicit Plant Growth Promotion and Induce Systemic Resistance. <i>Plant Pathology Journal</i> , 2005, 21, 7-12.	0.7	49
74	Foliar application of the leaf-colonizing yeast <i>Pseudozyma churashimaensis</i> elicits systemic defense of pepper against bacterial and viral pathogens. <i>Scientific Reports</i> , 2017, 7, 39432.	1.6	47
75	Root Exudation by Aphid Leaf Infestation Recruits Root-Associated <i>Paenibacillus</i> spp. to Lead Plant Insect Susceptibility. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 549-557.	0.9	47
76	Inhibition of Primary Roots and Stimulation of Lateral Root Development in <i>Arabidopsis thaliana</i> by the Rhizobacterium <i>Serratia marcescens</i> 90-166 Is through Both Auxin-Dependent and -Independent Signaling Pathways. <i>Molecules and Cells</i> , 2010, 29, 251-258.	1.0	45
77	A two-strain mixture of rhizobacteria elicits induction of systemic resistance against <i>Pseudomonas syringae</i> and Cucumber mosaic virus coupled to promotion of plant growth on <i>Arabidopsis thaliana</i> . <i>Journal of Microbiology and Biotechnology</i> , 2007, 17, 280-6.	0.9	44
78	<i>Chryseobacterium kwangjuense</i> sp. nov., isolated from pepper (<i>Capsicum annuum</i> L.) root. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2835-2840.	0.8	43
79	Social networking in crop plants: Wired and wireless cross-plant communications. <i>Plant, Cell and Environment</i> , 2021, 44, 1095-1110.	2.8	42
80	Draft Genome Sequence of the Plant Growth-Promoting Bacterium <i>Bacillus siamensis</i> KCTC 13613 ^T. <i>Journal of Bacteriology</i> , 2012, 194, 4148-4149.	1.0	41
81	Biological and chemical strategies for exploring inter- and intra-kingdom communication mediated via bacterial volatile signals. <i>Nature Protocols</i> , 2017, 12, 1359-1377.	5.5	40
82	Bacterial volatile compound-based tools for crop management and quality. <i>Trends in Plant Science</i> , 2021, 26, 968-983.	4.3	38
83	Bacterial RNAs activate innate immunity in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2016, 209, 785-797.	3.5	37
84	Root-mediated signal transmission of systemic acquired resistance against above-ground and below-ground pathogens. <i>Annals of Botany</i> , 2016, 118, 821-831.	1.4	37
85	Plant Perceptions of Extracellular DNA and RNA. <i>Molecular Plant</i> , 2016, 9, 956-958.	3.9	36
86	Modulation of Quorum Sensing in Acyl-homoserine Lactone-Producing or -Degrading Tobacco Plants Leads to Alteration of Induced Systemic Resistance Elicited by the Rhizobacterium <i>Serratia marcescens</i> 90-166. <i>Plant Pathology Journal</i> , 2013, 29, 182-192.	0.7	36
87	Molecular characterization of a pepper C2 domain-containing SRC2 protein implicated in resistance against host and non-host pathogens and abiotic stresses. <i>Planta</i> , 2008, 227, 1169-1179.	1.6	35
88	Archaea, tiny helpers of land plants. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2494-2500.	1.9	35
89	Functional identification and expression of indole-3-pyruvate decarboxylase from <i>Paenibacillus polymyxa</i> E681. <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 1235-44.	0.9	35
90	A Virus-Induced Gene Silencing Screen Identifies a Role for Thylakoid Formation1 in <i>Pseudomonas syringae</i> pv tomato Symptom Development in Tomato and <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2009, 152, 281-292.	2.3	34

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91	Crossing the kingdom border: Human diseases caused by plant pathogens. <i>Environmental Microbiology</i> , 2020, 22, 2485-2495.	1.8	34
92	Insight into Types I and II nonhost resistance using expression patterns of defense-related genes in tobacco. <i>Planta</i> , 2006, 223, 1101-1107.	1.6	33
93	Tobacco cultivars vary in induction of systemic resistance against Cucumber mosaic virus and growth promotion by <i>Pseudomonas chlororaphis</i> O6 and its <i>gacS</i> mutant. <i>European Journal of Plant Pathology</i> , 2007, 119, 383-390.	0.8	33
94	<i>Rhizobium soli</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1387-1393.	0.8	33
95	Gaseous 3-pentanol primes plant immunity against a bacterial speck pathogen, <i>Pseudomonas syringae</i> pv. tomato via salicylic acid and jasmonic acid-dependent signaling pathways in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 821.	1.7	33
96	<i>SGT1</i> contributes to coronatine signaling and <i>Pseudomonas syringae</i> pv. tomato disease symptom development in tomato and <i>Arabidopsis</i> . <i>New Phytologist</i> , 2011, 189, 83-93.	3.5	32
97	Are Circular RNAs New Kids on the Block?. <i>Trends in Plant Science</i> , 2017, 22, 357-360.	4.3	31
98	Elicitation of Induced Resistance against <i>Pectobacterium carotovorum</i> and <i>Pseudomonas syringae</i> by Specific Individual Compounds Derived from Native Korean Plant Species. <i>Molecules</i> , 2013, 18, 12877-12895.	1.7	28
99	Transient Lymphopenia and Interstitial Pneumonia With Endotheliitis in SARS-CoV-2-Infected Macaques. <i>Journal of Infectious Diseases</i> , 2020, 222, 1596-1600.	1.9	28
100	Citrinin, a mycotoxin from <i>Penicillium citrinum</i> , plays a role in inducing motility of <i>Paenibacillus polymyxa</i> . <i>FEMS Microbiology Ecology</i> , 2008, 65, 229-237.	1.3	27
101	Polyamine is a critical determinant of <i>Pseudomonas chlororaphis</i> O6 for Gac-dependent bacterial cell growth and biocontrol capacity. <i>Molecular Plant Pathology</i> , 2018, 19, 1257-1266.	2.0	27
102	Biogenic Volatile Compounds for Plant Disease Diagnosis and Health Improvement. <i>Plant Pathology Journal</i> , 2018, 34, 459-469.	0.7	27
103	2-Aminobenzoic acid of <i>Bacillus</i> sp. BS107 as an ISR determinant against <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> SCC1 in tobacco. <i>European Journal of Plant Pathology</i> , 2011, 129, 371-378.	0.8	26
104	A cry for help from leaf to root. <i>Plant Signaling and Behavior</i> , 2011, 6, 1192-1194.	1.2	26
105	Genome Sequence of the Plant Endophyte <i>Bacillus pumilus</i> INR7, Triggering Induced Systemic Resistance in Field Crops. <i>Genome Announcements</i> , 2014, 2, .	0.8	24
106	Aboveground insect infestation attenuates belowground <i>Agrobacterium</i> -mediated genetic transformation. <i>New Phytologist</i> , 2015, 207, 148-158.	3.5	24
107	Combination therapy with polymyxin B and netropsin against clinical isolates of multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2016, 6, 28168.	1.6	24
108	Molecular Insights into Toluene Sensing in the TodS/TodT Signal Transduction System. <i>Journal of Biological Chemistry</i> , 2016, 291, 8575-8590.	1.6	24

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109	Belowground plant-microbe communications via volatile compounds. <i>Journal of Experimental Botany</i> , 2022, 73, 463-486.	2.4	24
110	Editorial: Smelly Fumes: Volatile-Mediated Communication between Bacteria and Other Organisms. <i>Frontiers in Microbiology</i> , 2016, 7, 2031.	1.5	23
111	C4 Bacterial Volatiles Improve Plant Health. <i>Pathogens</i> , 2021, 10, 682.	1.2	22
112	Novel Metagenome-Derived, Cold-Adapted Alkaline Phospholipase with Superior Lipase Activity as an Intermediate between Phospholipase and Lipase. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4959-4966.	1.4	21
113	Benzothiadiazole-elicited defense priming and systemic acquired resistance against bacterial and viral pathogens of pepper under field conditions. <i>Plant Biotechnology Reports</i> , 2012, 6, 373-380.	0.9	21
114	Beyond the two compartments Petri-dish: optimising growth promotion and induced resistance in cucumber exposed to gaseous bacterial volatiles in a miniature greenhouse system. <i>Plant Methods</i> , 2019, 15, 9.	1.9	20
115	Genome Sequence of the Leaf-Colonizing Bacterium <i>Bacillus</i> sp. Strain 5B6, Isolated from a Cherry Tree. <i>Journal of Bacteriology</i> , 2012, 194, 3758-3759.	1.0	19
116	Anti-Contamination Strategies for Yeast Fermentations. <i>Microorganisms</i> , 2020, 8, 274.	1.6	19
117	A human pathogenic bacterium <i>Shigella</i> proliferates in plants through adoption of type III effectors for shigellosis. <i>Plant, Cell and Environment</i> , 2019, 42, 2962-2978.	2.8	18
118	Lactic acid secreted by <i>Chlorella fusca</i> primes pattern-triggered immunity against <i>Pseudomonas syringae</i> in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2020, 102, 761-778.	2.8	18
119	Comparative microarray analysis of programmed cell death induced by proteasome malfunction and hypersensitive response in plants. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 514-521.	1.0	17
120	Understanding cross-communication between aboveground and belowground tissues via transcriptome analysis of a sucking insect whitefly-infested pepper plants. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 272-277.	1.0	17
121	Understanding Plant Social Networking System: Avoiding Deleterious Microbiota but Calling Beneficials. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3319.	1.8	16
122	Isolation and Characterization of Transposon-Insertional Mutants from <i>Paenibacillus polymyxa</i> E681 Altering the Biosynthesis of Indole-3-Acetic Acid. <i>Current Microbiology</i> , 2008, 56, 524-530.	1.0	15
123	Virus-induced gene silencing database for phenomics and functional genomics in <i>Nicotiana benthamiana</i> . <i>Plant Direct</i> , 2018, 2, e00055.	0.8	15
124	Structural and Physiological Exploration of <i>Salmonella</i> Typhi YfdX Uncovers Its Dual Function in Bacterial Antibiotic Stress and Virulence. <i>Frontiers in Microbiology</i> , 2019, 9, 3329.	1.5	15
125	Genome-wide exploration of <i>Escherichia coli</i> genes to promote <i>Chlorella vulgaris</i> growth. <i>Algal Research</i> , 2019, 38, 101390.	2.4	15
126	Modulation of Quorum Sensing in Acylhomoserine Lactone-Producing or -Degrading Tobacco Plants Leads to Alteration of Induced Systemic Resistance Elicited by the Rhizobacterium <i>Serratia marcescens</i> 90-166. <i>Plant Pathology Journal</i> , 2013, 29, 182-92.	0.7	15

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127	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.	0.7	14
128	Sweet smells prepare plants for future stress: Airborne induction of plant disease immunity. <i>Plant Signaling and Behavior</i> , 2010, 5, 528-531.	1.2	13
129	Complete Genome Sequence of <i>Bacillus altitudinis</i> P-10, a Potential Bioprotectant against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> , Isolated from Rice Rhizosphere in Java, Indonesia. <i>Genome Announcements</i> , 2017, 5, .	0.8	13
130	Transient Expression of Whitefly Effectors in <i>Nicotiana benthamiana</i> Leaves Activates Systemic Immunity Against the Leaf Pathogen <i>Pseudomonas syringae</i> and Soil-Borne Pathogen <i>Ralstonia solanacearum</i> . <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	13
131	Using comparative genomics to understand molecular features of carbapenem-resistant <i>Acinetobacter baumannii</i> from South Korea causing invasive infections and their clinical implications. <i>PLoS ONE</i> , 2020, 15, e0229416.	1.1	13
132	Evidence for Volatile Memory in Plants: Boosting Defence Priming through the Recurrent Application of Plant Volatiles. <i>Molecules and Cells</i> , 2018, 41, 724-732.	1.0	13
133	Aboveground Whitefly Infestation Modulates Transcriptional Levels of Anthocyanin Biosynthesis and Jasmonic Acid Signaling-Related Genes and Augments the Cope with Drought Stress of Maize. <i>PLoS ONE</i> , 2015, 10, e0143879.	1.1	12
134	Exploring the sound-modulated delay in tomato ripening through expression analysis of coding and non-coding RNAs. <i>Annals of Botany</i> , 2018, 122, 1231-1244.	1.4	10
135	Sound Vibration-Triggered Epigenetic Modulation Induces Plant Root Immunity Against <i>Ralstonia solanacearum</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1978.	1.5	10
136	Formulation and Agricultural Application of Bacterial Volatile Compounds. , 2020, , 317-336.		10
137	Augmenting Plant Immune Responses and Biological Control by Microbial Determinants. <i>Research in Plant Disease</i> , 2015, 21, 161-179.	0.3	10
138	Dual functionality of natural mixtures of bacterial volatile compounds on plant growth. <i>Journal of Experimental Botany</i> , 2022, 73, 571-583.	2.4	10
139	Bacterial Volatiles as Airborne Signals for Plants and Bacteria. , 2015, , 53-61.		9
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