Choong-Min Ryu

List of Publications by Year
in descending order

182	16,719	24978 57	16605 123
papers	citations	h-index	g-index

186	186	186	13262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Belowground plantâ€“microbe communications via volatile compounds. Journal of Experimental Botany, 2022, 73, 463-486.	2.4	24
2	Dual functionality of natural mixtures of bacterial volatile compounds on plant growth. Journal of Experimental Botany, 2022, 73, 571-583.	2.4	10
3	Bacterial type <scp>III</scp> effectorâ€“induced plant <scp>C8</scp> volatiles elicit antibacterial immunity in heterospecific neighbouring plants via airborne signalling. Plant, Cell and Environment, 2022, 45, 236-247.	2.8	7
4	Host tp53 mutation induces gut dysbiosis eliciting inflammation through disturbed sialic acid metabolism. Microbiome, 2022, 10, 3.	4.9	9
5	Aromatic Agriculture: Volatile Compound-Based Plant Disease Diagnosis and Crop Protection. Research in Plant Disease, 2022, 28, 1-18.	0.3	1
6	The Chimeric Adenovirus (Ad5/35) Expressing Engineered Spike Protein Confers Immunity against SARS-CoV-2 in Mice and Non-Human Primates. Vaccines, 2022, 10, 712.	2.1	4
7	Elicitation of Innate Immunity by a Bacterial Volatile 2-Nonanone at Levels below Detection Limit in Tomato Rhizosphere. Molecules and Cells, 2022, 45, 502-511.	1.0	3
8	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
9	Social networking in crop plants: Wired and wireless crossâ€plant communications. Plant, Cell and Environment, 2021, 44, 1095-1110.	2.8	42
10	Achieving similar root microbiota composition in neighbouring plants through airborne signalling. ISME Journal, 2021, 15, 397-408.	4.4	83
11	Simultaneous profiling of Arabidopsis thaliana and Vibrio vulnificus MO6-24/O transcriptomes by dual RNA-seq analysis. Computational and Structural Biotechnology Journal, 2021, 19, 2084-2096.	1.9	5
12	A therapeutic neutralizing antibody targeting receptor binding domain of SARS-CoV-2 spike protein. Nature Communications, 2021, 12, 288.	5.8	224
13	Algae as New Kids in the Beneficial Plant Microbiome. Frontiers in Plant Science, 2021, 12, 599742.	1.7	57
14	Understanding Plant Social Networking System: Avoiding Deleterious Microbiota but Calling Beneficials. International Journal of Molecular Sciences, 2021, 22, 3319.	1.8	16
15	C4 Bacterial Volatiles Improve Plant Health. Pathogens, 2021, 10, 682.	1.2	22
16	Host- and Species-Dependent Quasispecies Divergence of Severe Acute Respiratory Syndrome Coronavirus-2 in Non-human Primate Models. Frontiers in Microbiology, 2021, 12, 694897.	1.5	1
17	Bacterial volatile compound-based tools for crop management and quality. Trends in Plant Science, 2021, 26, 968-983.	4.3	38
18	Germinal Center-Induced Immunity Is Correlated With Protection Against SARS-CoV-2 Reinfection But Not Lung Damage. Journal of Infectious Diseases, 2021, 224, 1861-1872.	1.9	6

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19	Turning a bacterial gaseous virulence trigger off. Trends in Plant Science, 2021, , .	4.3	0
20	<scp>d</scp>â€Lactic acid secreted by Chlorella fusca primes patternâ€triggered immunity against Pseudomonas syringae in Arabidopsis. Plant Journal, 2020, 102, 761-778.	2.8	18
21	Sound Vibration-Triggered Epigenetic Modulation Induces Plant Root Immunity Against Ralstonia solanacearum. Frontiers in Microbiology, 2020, 11, 1978.	1.5	10
22	Transient Lymphopenia and Interstitial Pneumonia With Endotheliitis in SARS-CoV-2â€“Infected Macaques. Journal of Infectious Diseases, 2020, 222, 1596-1600.	1.9	28
23	Molecular changes associated with spontaneous phenotypic variation of Paenibacillus polymyxa, a commonly used biocontrol agent, and temperature-dependent control of variation. Scientific Reports, 2020, 10, 16586.	1.6	8
24	MARTX Toxin-Stimulated Interplay between Human Cells and Vibrio vulnificus. MSphere, 2020, 5, .	1.3	9
25	Formulation and Agricultural Application of Bacterial Volatile Compounds. , 2020, , 317-336.		10
26	Contribution of Bacterial Volatiles to Chemical Ecology. , 2020, , 167-186.		1
27	Archaea, tiny helpers of land plants. Computational and Structural Biotechnology Journal, 2020, 18, 2494-2500.	1.9	35
28	Plant anti-aging: Delayed flower and leaf senescence in Erinus alpinus treated with cell-free Chlorella cultivation medium. Plant Signaling and Behavior, 2020, 15, 1763005.	1.2	7
29	Genome-wide high-throughput screening of interactive bacterial metabolite in the algal population using Escherichia coli K-12 Keio collection. Scientific Reports, 2020, 10, 10647.	1.6	3
30	Anti-Contamination Strategies for Yeast Fermentations. Microorganisms, 2020, 8, 274.	1.6	19
31	Using comparative genomics to understand molecular features of carbapenem-resistant Acinetobacter baumannii from South Korea causing invasive infections and their clinical implications. PLoS ONE, 2020, 15, e0229416.	1.1	13
32	Bacterial type III effector protein HopQ inhibits melanoma motility through autophagic degradation of vimentin. Cell Death and Disease, 2020, 11, 231.	2.7	4
33	Crossing the kingdom border: Human diseases caused by plant pathogens. Environmental Microbiology, 2020, 22, 2485-2495.	1.8	34
34	A human pathogenic bacterium Shigella proliferates in plants through adoption of type III effectors for shigellosis. Plant, Cell and Environment, 2019, 42, 2962-2978.	2.8	18
35	Bacterial persistence: Fundamentals and clinical importance. Journal of Microbiology, 2019, 57, 829-835.	1.3	50
36	Structural and Physiological Exploration of Salmonella Typhi YfdX Uncovers Its Dual Function in Bacterial Antibiotic Stress and Virulence. Frontiers in Microbiology, 2019, 9, 3329.	1.5	15

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37	Genome-wide exploration of Escherichia coli genes to promote Chlorella vulgaris growth. Algal Research, 2019, 38, 101390.	2.4	15
38	Beyond the two compartments Petri-dish: optimising growth promotion and induced resistance in cucumber exposed to gaseous bacterial volatiles in a miniature greenhouse system. Plant Methods, 2019, 15, 9.	1.9	20
39	Detection of Ampicillin-Resistant E. coli Using Novel Nanoprobe-Combined Fluorescence In Situ Hybridization. Nanomaterials, 2019, 9, 750.	1.9	8
40	Inheritance of seed and rhizosphere microbial communities through plantâ€“soil feedback and soil memory. Environmental Microbiology Reports, 2019, 11, 479-486.	1.0	50
41	Chronicle of a Soil Bacterium: Paenibacillus polymyxa E681 as a Tiny Guardian of Plant and Human Health. Frontiers in Microbiology, 2019, 10, 467.	1.5	71
42	The transcriptome analysis of the Arabidopsis thaliana in response to the Vibrio vulnificus by RNA-sequencing. PLoS ONE, 2019, 14, e0225976.	1.1	5
43	Plant growthâ€promoting archaea trigger induced systemic resistance in <scp>Arabidopsis thaliana</scp> against Pectobacterium carotovorum and Pseudomonas syringae. Environmental Microbiology, 2019, 21, 940-948.	1.8	52
44	Complete Genome Sequences of Enterobacter cancerogenus CR-Eb1 and Enterococcus sp. Strain CR-Ec1, Isolated from the Larval Gut of the Greater Wax Moth, Galleria mellonella. Genome Announcements, 2018, 6, .	0.8	5
45	Virusâ€induced gene silencing database for phenomics and functional genomics in Nicotiana benthamiana. Plant Direct, 2018, 2, e00055.	0.8	15
46	Microbeâ€induced plant volatiles. New Phytologist, 2018, 220, 684-691.	3.5	103
47	Sniffing bacterial volatile compounds for healthier plants. Current Opinion in Plant Biology, 2018, 44, 88-97.	3.5	82
48	Polyamine is a critical determinant of Pseudomonas chlororaphis O6 for GacSâ€dependent bacterial cell growth and biocontrol capacity. Molecular Plant Pathology, 2018, 19, 1257-1266.	2.0	27
49	Biogenic Volatile Compounds for Plant Disease Diagnosis and Health Improvement. Plant Pathology Journal, 2018, 34, 459-469.	0.7	27
50	How do we know that plants listen: Advancements and limitations of transcriptomic profiling for the identification of sound-specific biomarkers in tomato. Plant Signaling and Behavior, 2018, 13, e1547576.	1.2	4
51	Pseudomonas syringae evades phagocytosis by animal cells via type III effectorâ€mediated regulation of actin filament plasticity. Environmental Microbiology, 2018, 20, 3980-3991.	1.8	8
52	Transient Expression of Whitefly Effectors in Nicotiana benthamiana Leaves Activates Systemic Immunity Against the Leaf Pathogen Pseudomonas syringae and Soil-Borne Pathogen Ralstonia solanacearum. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	13
53	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
54	Beyond Chemical Triggers: Evidence for Sound-Evoked Physiological Reactions in Plants. Frontiers in Plant Science, 2018, 9, 25.	1.7	61

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55	Stereoisomers of the Bacterial Volatile Compound 2,3-Butanediol Differently Elicit Systemic Defense Responses of Pepper against Multiple Viruses in the Field. Frontiers in Plant Science, 2018, 9, 90.	1.7	83
56	Exploring the sound-modulated delay in tomato ripening through expression analysis of coding and non-coding RNAs. Annals of Botany, 2018, 122, 1231-1244.	1.4	10
57	Evidence for Volatile Memory in Plants: Boosting Defence Priming through the Recurrent Application of Plant Volatiles. Molecules and Cells, 2018, 41, 724-732.	1.0	13
58	Enhanced performance of the microalga Chlorella sorokiniana remotely induced by the plant growth-promoting bacteria Azospirillum brasilense and Bacillus pumilus. Scientific Reports, 2017, 7, 41310.	1.6	85
59	Foliar application of the leaf-colonizing yeast Pseudozyma churashimaensis elicits systemic defense of pepper against bacterial and viral pathogens. Scientific Reports, 2017, 7, 39432.	1.6	47
60	Biological and chemical strategies for exploring inter- and intra-kingdom communication mediated via bacterial volatile signals. Nature Protocols, 2017, 12, 1359-1377.	5.5	40
61	Are Circular RNAs New Kids on the Block?. Trends in Plant Science, 2017, 22, 357-360.	4.3	31
62	Seed defense biopriming with bacterial cyclodipeptides triggers immunity in cucumber and pepper. Scientific Reports, 2017, 7, 14209.	1.6	52
63	Complete Genome Sequence of Bacillus altitudinis P-10, a Potential Bioprotectant against Xanthomonas oryzae pv. oryzae, Isolated from Rice Rhizosphere in Java, Indonesia. Genome Announcements, 2017, 5, .	0.8	13
64	The Arabidopsis Cysteine-Rich Receptor-Like Kinase CRK36 Regulates Immunity through Interaction with the Cytoplasmic Kinase BIK1. Frontiers in Plant Science, 2017, 8, 1856.	1.7	95
65	Whole genome and transcriptome analysis reveal MALDI-TOF MS and SDS-PAGE have limited performance for the detection of the key outer membrane protein in carbapenem-resistant Klebsiella pneumoniae isolates. Oncotarget, 2017, 8, 84818-84826.	0.8	4
66	Are Bacterial Volatile Compounds Poisonous Odors to a Fungal Pathogen Botrytis cinerea, Alarm Signals to Arabidopsis Seedlings for Eliciting Induced Resistance, or Both?. Frontiers in Microbiology, 2016, 7, 196.	1.5	109
67	Impact of a Bacterial Volatile 2,3-Butanediol on Bacillus subtilis Rhizosphere Robustness. Frontiers in Microbiology, 2016, 7, 993.	1.5	94
68	Aboveground Whitefly Infestation-Mediated Reshaping of the Root Microbiota. Frontiers in Microbiology, 2016, 7, 1314.	1.5	74
69	Editorial: Smelly Fumes: Volatile-Mediated Communication between Bacteria and Other Organisms. Frontiers in Microbiology, 2016, 7, 2031.	1.5	23
70	Bacterial RNAs activate innate immunity in Arabidopsis. New Phytologist, 2016, 209, 785-797.	3.5	37
71	Spraying of Leaf-Colonizing Bacillus amyloliquefaciens Protects Pepper from Cucumber mosaic virus. Plant Disease, 2016, 100, 2099-2105.	0.7	63
72	In Vivo Application of Bacteriophage as a Potential Therapeutic Agent To Control OXA-66-Like Carbapenemase-Producing Acinetobacter baumannii Strains Belonging to Sequence Type 357. Applied and Environmental Microbiology, 2016, 82, 4200-4208.	1.4	49

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73	Insect stings to change gear for healthy plant: Improving maize drought tolerance by whitefly infestation. Plant Signaling and Behavior, 2016, 11, e1179420.	1.2	5
74	Root-mediated signal transmission of systemic acquired resistance against above-ground and below-ground pathogens. Annals of Botany, 2016, 118, 821-831.	1.4	37
75	Making healthier or killing enemies? Bacterial volatile-elicited plant immunity plays major role upon protection ofArabidopsisthan the direct pathogen inhibition. Communicative and Integrative Biology, 2016, 9, e1197445.	0.6	9
76	Combination therapy with polymyxin B and netropsin against clinical isolates of multidrug-resistant Acinetobacter baumannii. Scientific Reports, 2016, 6, 28168.	1.6	24
77	Plant Perceptions of Extracellular DNA and RNA. Molecular Plant, 2016, 9, 956-958.	3.9	36
78	Getting to PTI of bacterial RNAs: Triggering plant innate immunity by extracellular RNAs from bacteria. Plant Signaling and Behavior, 2016, 11, e1198866.	1.2	2
79	Molecular Insights into Toluene Sensing in the TodS/TodT Signal Transduction System. Journal of Biological Chemistry, 2016, 291, 8575-8590.	1.6	24
80	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
81	Toward Complete Bacterial Genome Sequencing Through the Combined Use of Multiple Next-Generation Sequencing Platforms. Journal of Microbiology and Biotechnology, 2016, 26, 207-212.	0.9	7
82	Functional Metagenome Mining of Soil for a Novel Gentamicin Resistance Gene. Journal of Microbiology and Biotechnology, 2016, 26, 521-529.	0.9	9
83	Root Exudation by Aphid Leaf Infestation Recruits Root-Associated Paenibacillus spp. to Lead Plant Insect Susceptibility. Journal of Microbiology and Biotechnology, 2016, 26, 549-557.	0.9	47
84	Disease Management in Road Trees and Pepper Plants by Foliar Application of Bacillus spp.. Research in Plant Disease, 2016, 22, 81-93.	0.3	1
85	Aboveground Whitefly Infestation Modulates Transcriptional Levels of Anthocyanin Biosynthesis and Jasmonic Acid Signaling-Related Genes and Augments the Cope with Drought Stress of Maize. PLoS ONE, 2015, 10, e0143879.	1.1	12
86	Deciphering the conserved genetic loci implicated in plant disease control through comparative genomics of Bacillus amyloliquefaciens subsp. plantarum. Frontiers in Plant Science, 2015, 6, 631.	1.7	52
87	Gaseous 3-pentanol primes plant immunity against a bacterial speck pathogen, Pseudomonas syringae pv. tomato via salicylic acid and jasmonic acid-dependent signaling pathways in Arabidopsis. Frontiers in Plant Science, 2015, 6, 821.	1.7	33
88	Genome Sequences of Pseudomonas amygdali pv. tabaci Strain ATCC 11528 and pv. lachrymans Strain 98A-744. Genome Announcements, 2015, 3, .	0.8	5
89	Aboveground insect infestation attenuates belowground Agrobacteriumâ€mediated genetic transformation. New Phytologist, 2015, 207, 148-158.	3.5	24
90	Role of bacterial volatile compounds in bacterial biology. FEMS Microbiology Reviews, 2015, 39, 222-233.	3.9	329

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91	Against friend and foe: Type 6 effectors in plant-associated bacteria. Journal of Microbiology, 2015, 53, 201-208.	1.3	61
92	Genome Sequence of Rhizobacterium Serratia marcescens Strain 90-166, Which Triggers Induced Systemic Resistance and Plant Growth Promotion. Genome Announcements, 2015, 3, .	0.8	8
93	Complete genome sequence of the siphoviral bacteriophage Î”Ï•-R3177, which lyses an OXA-66-producing carbapenem-resistant Acinetobacter baumannii isolate. Archives of Virology, 2015, 160, 3157-3160.	0.9	6
94	Inter-organ defense networking: Leaf whitefly sucking elicits plant immunity to crown gall disease caused by Agrobacterium tumefaciens. Plant Signaling and Behavior, 2015, 10, e1081325.	1.2	4
95	Bacterial Volatiles as Airborne Signals for Plants and Bacteria. , 2015, , 53-61.		9
96	Plant Growth-Promoting Rhizobacteria Stimulate Vegetative Growth and Asexual Reproduction of Kalanchoe daigremontiana. Plant Pathology Journal, 2015, 31, 310-315.	0.7	9
97	Augmenting Plant Immune Responses and Biological Control by Microbial Determinants. Research in Plant Disease, 2015, 21, 161-179.	0.3	10
98	Involvement of the OsMKK4-OsMPK1 Cascade and its Downstream Transcription Factor OsWRKY53 in the Wounding Response in Rice. Plant Pathology Journal, 2014, 30, 168-177.	0.7	50
99	Genome Sequence of Bacillus amyloliquefaciens GB03, an Active Ingredient of the First Commercial Biological Control Product. Genome Announcements, 2014, 2, .	0.8	49
100	Genome Sequence of the Plant Endophyte Bacillus pumilus INR7, Triggering Induced Systemic Resistance in Field Crops. Genome Announcements, 2014, 2, .	0.8	24
101	Understanding cross-communication between aboveground and belowground tissues via transcriptome analysis of a sucking insect whitefly-infested pepper plants. Biochemical and Biophysical Research Communications, 2014, 443, 272-277.	1.0	17
102	Field Evaluation of the Bacterial Volatile Derivative 3-Pentanol in Priming for Induced Resistance in Pepper. Journal of Chemical Ecology, 2014, 40, 882-892.	0.9	89
103	Genome Sequence and Comparative Genome Analysis of Pseudomonas syringae pv. syringae Type Strain ATCC 19310. Journal of Microbiology and Biotechnology, 2014, 24, 563-567.	0.9	0
104	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
105	Chryseobacterium kwangjuense sp. nov., isolated from pepper (Capsicum annuum L.) root. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2835-2840.	0.8	43
106	Interspecific bacterial sensing through airborne signals modulates locomotion and drug resistance. Nature Communications, 2013, 4, 1809.	5.8	102
107	Diverse plant extracts andtrans-resveratrol inhibit biofilm formation and swarming ofEscherichia coliO157:H7. Biofouling, 2013, 29, 1189-1203.	0.8	78
108	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

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109	ISR meets SAR outside: additive action of the endophyte Bacillus pumilus INR7 and the chemical inducer, benzothiadiazole, on induced resistance against bacterial spot in field-grown pepper. Frontiers in Plant Science, 2013, 4, 122.	1.7	115
110	The folate precursor para-aminobenzoic acid elicits induced resistance against Cucumber mosaic virus and Xanthomonas axonopodis. Annals of Botany, 2013, 111, 925-934.	1.4	58
111	One shot-two pathogens blocked. Plant Signaling and Behavior, 2013, 8, e24619.	1.2	55
112	Elicitation of Induced Resistance against Pectobacterium carotovorum and Pseudomonas syringae by Specific Individual Compounds Derived from Native Korean Plant Species. Molecules, 2013, 18, 12877-12895.	1.7	28
113	Systemic Induction of the Small Antibacterial Compound in the Leaf Exudate During Benzothiadiazole-elicited Systemic Acquired Resistance in Pepper. Plant Pathology Journal, 2013, 29, 350-355.	0.7	6
114	Modulation of Quorum Sensing in Acyl-homoserine Lactone-Producing or -Degrading Tobacco Plants Leads to Alteration of Induced Systemic Resistance Elicited by the Rhizobacterium Serratia marcescens 90-166. Plant Pathology Journal, 2013, 29, 182-192.	0.7	36
115	Modulation of Quorum Sensing in Acylhomoserine Lactone-Producing or -Degrading Tobacco Plants Leads to Alteration of Induced Systemic Resistance Elicited by the Rhizobacterium Serratia marcescens 90-166. Plant Pathology Journal, 2013, 29, 182-92.	0.7	15
116	Promoting plant protection by root-associated microbes. Plant Pathology Journal, 2013, 29, 123-4.	0.7	4
117	Novel Metagenome-Derived, Cold-Adapted Alkaline Phospholipase with Superior Lipase Activity as an Intermediate between Phospholipase and Lipase. Applied and Environmental Microbiology, 2012, 78, 4959-4966.	1.4	21
118	Genome Sequence of the Leaf-Colonizing Bacterium Bacillus sp. Strain 5B6, Isolated from a Cherry Tree. Journal of Bacteriology, 2012, 194, 3758-3759.	1.0	19
119	Draft Genome Sequence of the Plant Growth-Promoting Bacterium Bacillus siamensis KCTC 13613 ^T. Journal of Bacteriology, 2012, 194, 4148-4149.	1.0	41
120	Glycolate Oxidase Modulates Reactive Oxygen Speciesâ€“Mediated Signal Transduction during Nonhost Resistance in Nicotiana benthamiana and Arabidopsis Â. Plant Cell, 2012, 24, 336-352.	3.1	215
121	Phytosterols Play a Key Role in Plant Innate Immunity against Bacterial Pathogens by Regulating Nutrient Efflux into the Apoplast Â Â Â. Plant Physiology, 2012, 158, 1789-1802.	2.3	146
122	A novel fluorescent reporter system for monitoring and identifying RNase III activity and its target RNAs. RNA Biology, 2012, 9, 1167-1176.	1.5	6
123	Enhancement of Plant Drought Tolerance by Microbes. , 2012, , 383-413.		77
124	Benzothiadiazole-elicited defense priming and systemic acquired resistance against bacterial and viral pathogens of pepper under field conditions. Plant Biotechnology Reports, 2012, 6, 373-380.	0.9	21
125	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
126	Biological control and plant growth promoting capacity of rhizobacteria on pepper under greenhouse and field conditions. Journal of Microbiology, 2012, 50, 380-385.	1.3	61

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127	Induced Resistance by a Long-Chain Bacterial Volatile: Elicitation of Plant Systemic Defense by a C13 Volatile Produced by Paenibacillus polymyxa. PLoS ONE, 2012, 7, e48744.	1.1	246
128	The Multifactorial Basis for Plant Health Promotion by Plant-Associated Bacteria. Applied and Environmental Microbiology, 2011, 77, 1548-1555.	1.4	212
129	Endophytic Trichoderma Isolates from Tropical Environments Delay Disease Onset and Induce Resistance Against Phytophthora capsici in Hot Pepper Using Multiple Mechanisms. Molecular Plant-Microbe Interactions, 2011, 24, 336-351.	1.4	188
130	Cytokinins and plant immunity: old foes or new friends?. Trends in Plant Science, 2011, 16, 388-394.	4.3	197
131	Whitefly infestation of pepper plants elicits defence responses against bacterial pathogens in leaves and roots and changes the belowâ€ground microflora. Journal of Ecology, 2011, 99, 46-56.	1.9	134
132	SGT1 contributes to coronatine signaling and Pseudomonas syringae pv. tomato disease symptom development in tomato and Arabidopsis. New Phytologist, 2011, 189, 83-93.	3.5	32
133	2-Aminobenzoic acid of Bacillus sp. BS107 as an ISR determinant against Pectobacterium carotovorum subsp. carotovotrum SCC1 in tobacco. European Journal of Plant Pathology, 2011, 129, 371-378.	0.8	26
134	A cry for help from leaf to root. Plant Signaling and Behavior, 2011, 6, 1192-1194.	1.2	26
135	Potential for Augmentation of Fruit Quality by Foliar Application of Bacilli Spores on Apple Tree. Plant Pathology Journal, 2011, 27, 164-169.	0.7	8
136	Inhibition of Primary Roots and Stimulation of Lateral Root Development in Arabidopsis thaliana by the Rhizobacterium Serratia marcescens 90-166 Is through Both Auxin-Dependent and -Independent Signaling Pathways. Molecules and Cells, 2010, 29, 251-258.	1.0	45
137	Proteome analysis of Arabidopsis seedlings exposed to bacterial volatiles. Planta, 2010, 232, 1355-1370.	1.6	138
138	Rhizobium soli sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1387-1393.	0.8	33
139	Genome Sequence of the Polymyxin-Producing Plant-Probiotic Rhizobacterium Paenibacillus polymyxa E681. Journal of Bacteriology, 2010, 192, 6103-6104.	1.0	92
140	A role for chloroplast-localized Thylakoid formation 1 (THF1) in bacterial speck disease development. Plant Signaling and Behavior, 2010, 5, 425-427.	1.2	8
141	Sweet smells prepare plants for future stress: Airborne induction of plant disease immunity. Plant Signaling and Behavior, 2010, 5, 528-531.	1.2	13
142	Airborne Induction and Priming of Plant Defenses against a Bacterial Pathogen. Plant Physiology, 2009, 151, 2152-2161.	2.3	186
143	A Virus-Induced Gene Silencing Screen Identifies a Role for Thylakoid Formation1 in Pseudomonas syringae pv tomato Symptom Development in Tomato and Arabidopsis. Plant Physiology, 2009, 152, 281-292.	2.3	34
144	GDSL lipaseâ€like 1 regulates systemic resistance associated with ethylene signaling in Arabidopsis. Plant Journal, 2009, 58, 235-245.	2.8	175

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145	Rhizosphere bacteria help plants tolerate abiotic stress. Trends in Plant Science, 2009, 14, 1-4.	4.3	1,467
146	Priming of Defense-Related Genes Confers Root-Colonizing Bacilli-Elicited Induced Systemic Resistance in Pepper. Plant Pathology Journal, 2009, 25, 389-399.	0.7	55
147	Isolation and Characterization of Transposon-Insertional Mutants from Paenibacillus polymyxa E681 Altering the Biosynthesis of Indole-3-Acetic Acid. Current Microbiology, 2008, 56, 524-530.	1.0	15
148	Molecular characterization of a pepper C2 domain-containing SRC2 protein implicated in resistance against host and non-host pathogens and abiotic stresses. Planta, 2008, 227, 1169-1179.	1.6	35
149	Citrinin, a mycotoxin from Penicillium citrinum, plays a role in inducing motility of Paenibacillus polymyxa. FEMS Microbiology Ecology, 2008, 65, 229-237.	1.3	27
150	2R,3R-Butanediol, a Bacterial Volatile Produced by Pseudomonas chlororaphis O6, Is Involved in Induction of Systemic Tolerance to Drought in Arabidopsis thaliana. Molecular Plant-Microbe Interactions, 2008, 21, 1067-1075.	1.4	367
151	Salicylic Acid and Systemic Acquired Resistance Play a Role in Attenuating Crown Gall Disease Caused byAgrobacterium tumefaciensÂ. Plant Physiology, 2008, 146, 323-324.	2.3	163
152	Galactinol Is a Signaling Component of the Induced Systemic Resistance Caused by Pseudomonas chlororaphis O6 Root Colonization. Molecular Plant-Microbe Interactions, 2008, 21, 1643-1653.	1.4	121
153	A Super-Absorbent Polymer Combination Promotes Bacterial Aggressiveness Uncoupled from the Epiphytic Population. Plant Pathology Journal, 2008, 24, 283-288.	0.7	3
154	Functional identification and expression of indole-3-pyruvate decarboxylase from Paenibacillus polymyxa E681. Journal of Microbiology and Biotechnology, 2008, 18, 1235-44.	0.9	35
155	Identification and Characterization of Plant Genes Involved in Agrobacterium-Mediated Plant Transformation by Virus-Induced Gene Silencing. Molecular Plant-Microbe Interactions, 2007, 20, 41-52.	1.4	77
156	Interference of quorum sensing and virulence of the rice pathogen Burkholderia glumae by an engineered endophytic bacterium. FEMS Microbiology Ecology, 2007, 60, 14-23.	1.3	67
157	Tobacco cultivars vary in induction of systemic resistance against Cucumber mosaic virus and growth promotion by Pseudomonas chlororaphis O6 and its gacS mutant. European Journal of Plant Pathology, 2007, 119, 383-390.	0.8	33
158	Rhizobacterial volatile emissions regulate auxin homeostasis and cell expansion in Arabidopsis. Planta, 2007, 226, 839-851.	1.6	421
159	Implication of a pepper h-type thioredoxin in type I- and II-nonhost resistance to Xanthomonas axonopodis. Plant Biotechnology Reports, 2007, 1, 117-123.	0.9	4
160	Proteome analysis of Paenibacillus polymyxa E681 affected by barley. Journal of Microbiology and Biotechnology, 2007, 17, 934-44.	0.9	5
161	Two bacterial entophytes eliciting both plant growth promotion and plant defense on pepper (Capsicum annuum L.). Journal of Microbiology and Biotechnology, 2007, 17, 96-103.	0.9	70
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