

Volatile Mediated Interactions Between Bacteria and Fu

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quorum Sensing of Bacteria and Trans-Kingdom Interactions of N-Acyl Homoserine Lactones with Eukaryotes. <i>Journal of Chemical Ecology</i> , 2012, 38, 704-713.	0.9	128
2	Foraging in the Dark – Chemically Mediated Host Plant Location by Belowground Insect Herbivores. <i>Journal of Chemical Ecology</i> , 2012, 38, 604-614.	0.9	100
3	Tracing Hidden Herbivores: Time-Resolved Non-Invasive Analysis of Belowground Volatiles by Proton-Transfer-Reaction Mass Spectrometry (PTR-MS). <i>Journal of Chemical Ecology</i> , 2012, 38, 785-794.	0.9	50
4	Manipulation of Chemically Mediated Interactions in Agricultural Soils to Enhance the Control of Crop Pests and to Improve Crop Yield. <i>Journal of Chemical Ecology</i> , 2012, 38, 641-650.	0.9	57
5	Mycorrhiza-Induced Resistance and Priming of Plant Defenses. <i>Journal of Chemical Ecology</i> , 2012, 38, 651-664.	0.9	757
6	Volatile Mediated Interactions Between Bacteria and Fungi in the Soil. <i>Journal of Chemical Ecology</i> , 2012, 38, 665-703.	0.9	427
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8	Dynamic Chemical Communication between Plants and Bacteria through Airborne Signals: Induced Resistance by Bacterial Volatiles. <i>Journal of Chemical Ecology</i> , 2013, 39, 1007-1018.	0.9	248
9	Characterization of Volatile Organic Compounds Emitted by Barley (<i>Hordeum vulgare</i> L.) Roots and Their Attractiveness to Wireworms. <i>Journal of Chemical Ecology</i> , 2013, 39, 1129-1139.	0.9	47
10	A new endophytic insect-associated <i>Daldinia</i> species, recognised from a comparison of secondary metabolite profiles and molecular phylogeny. <i>Fungal Diversity</i> , 2013, 60, 107-123.	4.7	61
11	Production of Bioactive Volatiles by Different <i>Burkholderia ambifaria</i> Strains. <i>Journal of Chemical Ecology</i> , 2013, 39, 892-906.	0.9	227
12	The rhizosphere microbiome: significance of plant beneficial, plant pathogenic, and human pathogenic microorganisms. <i>FEMS Microbiology Reviews</i> , 2013, 37, 634-663.	3.9	1,929
13	Sniffing on Microbes: Diverse Roles of Microbial Volatile Organic Compounds in Plant Health. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 835-843.	1.4	269
14	Bacterial Ammonia Causes Significant Plant Growth Inhibition. <i>PLoS ONE</i> , 2013, 8, e63538.	1.1	67
15	Aerial Exposure to the Bacterial Volatile Compound Trimethylamine Modifies Antibiotic Resistance of Physically Separated Bacteria by Raising Culture Medium pH. <i>MBio</i> , 2014, 5, e00944-13.	1.8	105
16	mVOC: a database of microbial volatiles. <i>Nucleic Acids Research</i> , 2014, 42, D744-D748.	6.5	337
17	The Role of Microbial Inoculants in Integrated Crop Management Systems. <i>Potato Research</i> , 2014, 57, 291-309.	1.2	42
18	The ability of natural ketones to interact with bacterial quorum sensing systems. <i>Molecular Genetics, Microbiology and Virology</i> , 2014, 29, 167-171.	0.0	6

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19	Inhibitory and Toxic Effects of Volatiles Emitted by Strains of <i>Pseudomonas</i> and <i>Serratia</i> on Growth and Survival of Selected Microorganisms, <i>Caenorhabditis elegans</i> , and <i>Drosophila melanogaster</i> . <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	98
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21	Volatile-mediated interactions between phylogenetically different soil bacteria. <i>Frontiers in Microbiology</i> , 2014, 5, 289.	1.5	158
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24	The emerging importance of microbial volatile organic compounds. <i>Plant, Cell and Environment</i> , 2014, 37, 811-812.	2.8	90
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26	Volatiles produced by the mycophagous soil bacterium <i>Collimonas</i> . <i>FEMS Microbiology Ecology</i> , 2014, 87, 639-649.	1.3	139
27	Biogenic volatile emissions from the soil. <i>Plant, Cell and Environment</i> , 2014, 37, 1866-1891.	2.8	294
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30	A Volatile Relationship: Profiling an Inter-Kingdom Dialogue Between two Plant Pathogens, <i>Ralstonia Solanacearum</i> and <i>Aspergillus Flavus</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 502-513.	0.9	55
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32	Microbiology of sugar-rich environments: diversity, ecology and system constraints. <i>Environmental Microbiology</i> , 2015, 17, 278-298.	1.8	144
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34	A novel assay for the detection of bioactive volatiles evaluated by screening of lichen-associated bacteria. <i>Frontiers in Microbiology</i> , 2015, 6, 398.	1.5	85
35	Legacy effects of anaerobic soil disinfestation on soil bacterial community composition and production of pathogen-suppressing volatiles. <i>Frontiers in Microbiology</i> , 2015, 6, 701.	1.5	67
36	<i>Trichoderma</i> volatiles effecting <i>Arabidopsis</i> : from inhibition to protection against phytopathogenic fungi. <i>Frontiers in Microbiology</i> , 2015, 6, 995.	1.5	149

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38	Bioactivity of volatile organic compounds produced by <i>Pseudomonas tolaasii</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1082.	1.5	66
39	The <i>Shewanella</i> algae strain YM8 produces volatiles with strong inhibition activity against <i>Aspergillus</i> pathogens and aflatoxins. <i>Frontiers in Microbiology</i> , 2015, 6, 1091.	1.5	57
40	A fragrant neighborhood: volatile mediated bacterial interactions in soil. <i>Frontiers in Microbiology</i> , 2015, 6, 1212.	1.5	77
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49	Non-random species loss in bacterial communities reduces antifungal volatile production. <i>Ecology</i> , 2015, 96, 2042-2048.	1.5	109
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59	<i>Pseudomonas</i> Strains Naturally Associated with Potato Plants Produce Volatiles with High Potential for Inhibition of <i>Phytophthora infestans</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 821-830.	1.4	189
60	Antibiotrophs: The complexity of antibiotic-subsisting and antibiotic-resistant microorganisms. <i>Critical Reviews in Microbiology</i> , 2016, 42, 17-30.	2.7	32
61	Microbial Small Talk: Volatiles in Fungalâ€“Bacterial Interactions. <i>Frontiers in Microbiology</i> , 2015, 6, 1495.	1.5	149
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76	Belowground communication: impacts of volatile organic compounds (VOCs) from soil fungi on other soil-inhabiting organisms. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8651-8665.	1.7	111
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78	Making healthier or killing enemies? Bacterial volatile-elicited plant immunity plays major role upon protection of <i>Arabidopsis</i> than the direct pathogen inhibition. <i>Communicative and Integrative Biology</i> , 2016, 9, e1197445.	0.6	9
79	Sesquiterpene emissions from <i>Alternaria alternata</i> and <i>Fusarium oxysporum</i> : Effects of age, nutrient availability and co-cultivation. <i>Scientific Reports</i> , 2016, 6, 22152.	1.6	50
80	Altered Carbohydrates Allocation by Associated Bacteria-fungi Interactions in a Bark Beetle-microbe Symbiosis. <i>Scientific Reports</i> , 2016, 6, 20135.	1.6	63
81	Development and Validation of a SPME-GC-MS Method for <i>In situ</i> Passive Sampling of Root Volatiles from Glasshouse-Grown Broccoli Plants Undergoing Below-Ground Herbivory by Larvae of Cabbage Root Fly, <i>Delia radicum</i> L. <i>Phytochemical Analysis</i> , 2016, 27, 375-393.	1.2	19
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90	Characterization of volatile organic compounds emitted by kiwifruit plants infected with <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> and their effects on host defences. <i>Trees - Structure and Function</i> , 2016, 30, 795-806.	0.9	23

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96	<i>Streptomyces</i> Exploration: Competition, Volatile Communication and New Bacterial Behaviours. <i>Trends in Microbiology</i> , 2017, 25, 522-531.	3.5	63
97	Considering Microbial CO ₂ during Microbe-Plant Cocultivation. <i>Plant Physiology</i> , 2017, 173, 1529-1529.	2.3	7
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111	Bacterial Endosymbionts: Master Modulators of Fungal Phenotypes. Microbiology Spectrum, 2017, 5, .	1.2	26
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120	Potential of Microbial Volatile Organic Compounds for Crop Protection Against Phytopathogenic Fungi. , 2017, , 271-284.		3
121	Bacterial Volatiles for Plant Growth. , 2017, , 335-353.		0
122	Microbial Volatiles and Plant Defense. , 2017, , 355-373.		0
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128	Identification of endophytic <i>Bacillus velezensis</i> ZSY-1 strain and antifungal activity of its volatile compounds against <i>Alternaria solani</i> and <i>Botrytis cinerea</i> . <i>Biological Control</i> , 2017, 105, 27-39.	1.4	249
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132	Plant Phenotypic and Transcriptional Changes Induced by Volatiles from the Fungal Root Pathogen <i>Rhizoctonia solani</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1262.	1.7	78
133	Aerial Warfare: A Volatile Dialogue between the Plant Pathogen <i>Verticillium longisporum</i> and Its Antagonist <i>Paenibacillus polymyxa</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1294.	1.7	78
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136	Commentary: Microbial Small Talk: Volatiles in Fungal–Bacterial Interactions. <i>Frontiers in Microbiology</i> , 2017, 8, 1.	1.5	1,439
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140	Microbial Volatiles: Small Molecules with an Important Role in Intra- and Inter-Kingdom Interactions. <i>Frontiers in Microbiology</i> , 2017, 8, 2484.	1.5	305
141	Carbon Catabolite Repression Regulates the Production of the Unique Volatile Sodorifen of <i>Serratia plymuthica</i> 4Rx13. <i>Frontiers in Microbiology</i> , 2017, 8, 2522.	1.5	7
142	The antimicrobial volatile power of the rhizospheric isolate <i>Pseudomonas donghuensis</i> P482. <i>PLoS ONE</i> , 2017, 12, e0174362.	1.1	155
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147	Living apart togetherâ€”bacterial volatiles influence methanotrophic growth and activity. <i>ISME Journal</i> , 2018, 12, 1163-1166.	4.4	60
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