

Jos M Raaijmakers

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

152 papers	19,994 citations	66 h-index	141 g-index
171 ext. papers	25,381 ext. citations	6.9 avg, IF	7.19 L-index

#	Paper	IF	Citations
152	Discovery of Thanafactin A, a Linear, Proline-Containing Octalipopeptide from sp. SH-C52, Motivated by Genome Mining. <i>Journal of Natural Products</i> , 2021 , 84, 101-109	4.9	4
151	Optimizing Biocontrol Activity of <i>Paenibacillus xylanexedens</i> for Management of Hairy Root Disease in Tomato Grown in Hydroponic Greenhouses. <i>Agronomy</i> , 2021 , 11, 817	3.6	1
150	Dissecting Disease-Suppressive Rhizosphere Microbiomes by Functional Amplicon Sequencing and 10 ¹ Metagenomics. <i>MSystems</i> , 2021 , 6, e0111620	7.6	11
149	Successive plant growth amplifies genotype-specific assembly of the tomato rhizosphere microbiome. <i>Science of the Total Environment</i> , 2021 , 772, 144825	10.2	12
148	Extension of Plant Phenotypes by the Foliar Microbiome. <i>Annual Review of Plant Biology</i> , 2021 , 72, 823-846	9.7	7
147	The Chemistry of Stress: Understanding the Cry for HelpTof Plant Roots. <i>Metabolites</i> , 2021 , 11,	5.6	11
146	Plant functional group drives the community structure of saprophytic fungi in a grassland biodiversity experiment. <i>Plant and Soil</i> , 2021 , 461, 91-105	4.2	19
145	Volatiles from the fungus <i>Fusarium oxysporum</i> affect interactions of <i>Brassica rapa</i> plants with root herbivores. <i>Ecological Entomology</i> , 2021 , 46, 240-248	2.1	1
144	Volatiles from soil-borne fungi affect directional growth of roots. <i>Plant, Cell and Environment</i> , 2021 , 44, 339-345	8.4	9
143	Towards meaningful scales in ecosystem microbiome research. <i>Environmental Microbiology</i> , 2021 , 23, 1-4	5.2	5
142	Impact of root-associated strains of three <i>Paraburkholderia</i> species on primary and secondary metabolism of <i>Brassica oleracea</i> . <i>Scientific Reports</i> , 2021 , 11, 2781	4.9	6
141	Disentangling soil microbiome functions by perturbation. <i>Environmental Microbiology Reports</i> , 2021 , 13, 582-590	3.7	1
140	Designing a home for beneficial plant microbiomes. <i>Current Opinion in Plant Biology</i> , 2021 , 62, 102025	9.9	12
139	Restoring degraded microbiome function with self-assembled communities. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	2
138	DiSCount: computer vision for automated quantification of seed germination. <i>Plant Methods</i> , 2020 , 16, 60	5.8	6
137	Draft Genome Sequence of Lipopeptide-Producing Strain <i>Pseudomonas fluorescens</i> DSM 11579 and Comparative Genomics with sp. Strain SH-C52, a Closely Related Lipopeptide-Producing Strain. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	3
136	No evidence of modulation of indirect plant resistance of <i>Brassica rapa</i> plants by volatiles from soil-borne fungi. <i>Ecological Entomology</i> , 2020 , 45, 1200-1211	2.1	2

135	Multitrophic interactions in the rhizosphere microbiome of wheat: from bacteria and fungi to protists. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	27
134	Microbial and volatile profiling of soils suppressive to of wheat. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20192527	4.4	10
133	Production of ammonia as a low-cost and long-distance antibiotic strategy by <i>Streptomyces</i> species. <i>ISME Journal</i> , 2020 , 14, 569-583	11.9	21
132	Fungal volatiles influence plant defence against above-ground and below-ground herbivory. <i>Functional Ecology</i> , 2020 , 34, 2259-2269	5.6	3
131	Extracting the GEMs: Genotype, Environment, and Microbiome Interactions Shaping Host Phenotypes. <i>Frontiers in Microbiology</i> , 2020 , 11, 574053	5.7	4
130	Resistance Breeding of Common Bean Shapes the Physiology of the Rhizosphere Microbiome. <i>Frontiers in Microbiology</i> , 2019 , 10, 2252	5.7	15
129	Impacts of long-term plant residue management on soil organic matter quality, <i>Pseudomonas</i> community structure and disease suppressiveness. <i>Soil Biology and Biochemistry</i> , 2019 , 135, 396-406	7.5	16
128	Volatiles of pathogenic and non-pathogenic soil-borne fungi affect plant development and resistance to insects. <i>Oecologia</i> , 2019 , 190, 589-604	2.9	29
127	Ecology and Evolution of Plant Microbiomes. <i>Annual Review of Microbiology</i> , 2019 , 73, 69-88	17.5	162
126	Linking ecology and plant pathology to unravel the importance of soil-borne fungal pathogens in species-rich grasslands. <i>European Journal of Plant Pathology</i> , 2019 , 154, 141-156	2.1	24
125	Deciphering rhizosphere microbiome assembly of wild and modern common bean (<i>Phaseolus vulgaris</i>) in native and agricultural soils from Colombia. <i>Microbiome</i> , 2019 , 7, 114	16.6	72
124	Pathogen-induced activation of disease-suppressive functions in the endophytic root microbiome. <i>Science</i> , 2019 , 366, 606-612	33.3	263
123	Harnessing the microbiome to control plant parasitic weeds. <i>Current Opinion in Microbiology</i> , 2019 , 49, 26-33	7.9	12
122	Lost in diversity: the interactions between soil-borne fungi, biodiversity and plant productivity. <i>New Phytologist</i> , 2018 , 218, 542-553	9.8	90
121	Embracing Community Ecology in Plant Microbiome Research. <i>Trends in Plant Science</i> , 2018 , 23, 467-469	13.1	29
120	Secondary Metabolism and Interspecific Competition Affect Accumulation of Spontaneous Mutants in the GacS-GacA Regulatory System in. <i>MBio</i> , 2018 , 9,	7.8	23
119	Inter- and intracellular colonization of <i>Arabidopsis</i> roots by endophytic actinobacteria and the impact of plant hormones on their antimicrobial activity. <i>Antonie Van Leeuwenhoek</i> , 2018 , 111, 679-690	2.1	30
118	Saving seed microbiomes. <i>ISME Journal</i> , 2018 , 12, 1167-1170	11.9	98

117	Exploring fish microbial communities to mitigate emerging diseases in aquaculture. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	72
116	Modulation of plant chemistry by beneficial root microbiota. <i>Natural Product Reports</i> , 2018 , 35, 398-409	15.1	53
115	Isolation, characterization and comparative analysis of plant-associated bacteria for suppression of soil-borne diseases of field-grown groundnut in Vietnam. <i>Biological Control</i> , 2018 , 121, 256-262	3.8	12
114	Healthy scents: microbial volatiles as new frontier in antibiotic research?. <i>Current Opinion in Microbiology</i> , 2018 , 45, 84-91	7.9	33
113	Influence of resistance breeding in common bean on rhizosphere microbiome composition and function. <i>ISME Journal</i> , 2018 , 12, 212-224	11.9	147
112	Comparative Microbiome Analysis of a Fusarium Wilt Suppressive Soil and a Fusarium Wilt Conducive Soil From the Châteaurenard Region. <i>Frontiers in Microbiology</i> , 2018 , 9, 568	5.7	69
111	Microbial Extracellular Polymeric Substances: Ecological Function and Impact on Soil Aggregation. <i>Frontiers in Microbiology</i> , 2018 , 9, 1636	5.7	348
110	Breeding for soil-borne pathogen resistance impacts active rhizosphere microbiome of common bean. <i>ISME Journal</i> , 2018 , 12, 3038-3042	11.9	44
109	The wild side of plant microbiomes. <i>Microbiome</i> , 2018 , 6, 143	16.6	102
108	Involvement of Burkholderiaceae and sulfurous volatiles in disease-suppressive soils. <i>ISME Journal</i> , 2018 , 12, 2307-2321	11.9	76
107	Road MAPs to engineer host microbiomes. <i>Current Opinion in Microbiology</i> , 2018 , 43, 46-54	7.9	42
106	Priming of Plant Growth Promotion by Volatiles of Root-Associated Microbacterium spp. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	31
105	Impact of Pseudomonas H6 surfactant on all external life cycle stages of the fish parasitic ciliate Ichthyophthirius multifiliis. <i>Journal of Fish Diseases</i> , 2018 , 41, 1147-1152	2.6	12
104	Antagonism between two root-associated beneficial Pseudomonas strains does not affect plant growth promotion and induced resistance against a leaf-chewing herbivore. <i>FEMS Microbiology Ecology</i> , 2017 , 93,	4.3	15
103	Membrane Interactions of Natural Cyclic Lipodepsipeptides of the Viscosin Group. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 331-339	3.8	20
102	Genome-wide analysis of bacterial determinants of plant growth promotion and induced systemic resistance by Pseudomonas fluorescens. <i>Environmental Microbiology</i> , 2017 , 19, 4638-4656	5.2	32
101	Linking rhizosphere microbiome composition of wild and domesticated Phaseolus vulgaris to genotypic and root phenotypic traits. <i>ISME Journal</i> , 2017 , 11, 2244-2257	11.9	161
100	Plant Phenotypic and Transcriptional Changes Induced by Volatiles from the Fungal Root Pathogen. <i>Frontiers in Plant Science</i> , 2017 , 8, 1262	6.2	44

99	Potential for Biocontrol of Hairy Root Disease by a Clade. <i>Frontiers in Microbiology</i> , 2017 , 8, 447	5.7	11
98	Current Insights into the Role of Rhizosphere Bacteria in Disease Suppressive Soils. <i>Frontiers in Microbiology</i> , 2017 , 8, 2529	5.7	110
97	Impact of plant domestication on rhizosphere microbiome assembly and functions. <i>Plant Molecular Biology</i> , 2016 , 90, 635-44	4.6	331
96	ECOLOGY. Soil immune responses. <i>Science</i> , 2016 , 352, 1392-3	33.3	181
95	Fungal invasion of the rhizosphere microbiome. <i>ISME Journal</i> , 2016 , 10, 265-8	11.9	170
94	Challenges and opportunities in harnessing soil disease suppressiveness for sustainable pasture production. <i>Soil Biology and Biochemistry</i> , 2016 , 95, 100-111	7.5	24
93	Insect pathogenicity in plant-beneficial pseudomonads: phylogenetic distribution and comparative genomics. <i>ISME Journal</i> , 2016 , 10, 2527-42	11.9	82
92	Indexing the Pseudomonas specialized metabolome enabled the discovery of poaeamide B and the bananamides. <i>Nature Microbiology</i> , 2016 , 2, 16197	26.6	83
91	Elucidating the Diversity of Aquatic Microdochium and Trichoderma Species and Their Activity against the Fish Pathogen Saprolegnia diclina. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	4
90	Role of the GacS Sensor Kinase in the Regulation of Volatile Production by Plant Growth-Promoting SBW25. <i>Frontiers in Plant Science</i> , 2016 , 7, 1706	6.2	28
89	Living on the edge: emergence of spontaneous gac mutations in Pseudomonas protegens during swarming motility. <i>Environmental Microbiology</i> , 2016 , 18, 3453-3465	5.2	16
88	Impact of soil heat on reassembly of bacterial communities in the rhizosphere microbiome and plant disease suppression. <i>Ecology Letters</i> , 2016 , 19, 375-82	10	94
87	Lipopeptide biosynthesis in Pseudomonas fluorescens is regulated by the protease complex ClpAP. <i>BMC Microbiology</i> , 2015 , 15, 29	4.5	12
86	Promotion of plant growth by Pseudomonas fluorescens strain SS101 via novel volatile organic compounds. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 361-5	3.4	133
85	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015 , 11, 625-31	11.7	498
84	The Rsm regulon of plant growth-promoting Pseudomonas fluorescens SS101: role of small RNAs in regulation of lipopeptide biosynthesis. <i>Microbial Biotechnology</i> , 2015 , 8, 296-310	6.3	15
83	The Minimal Rhizosphere Microbiome 2015 , 411-417		10
82	Gac-mediated changes in pyrroloquinoline quinone biosynthesis enhance the antimicrobial activity of Pseudomonas fluorescens SBW25. <i>Environmental Microbiology Reports</i> , 2015 , 7, 139-47	3.7	7

81	Comparative genomics and metabolic profiling of the genus <i>Lysobacter</i> . <i>BMC Genomics</i> , 2015 , 16, 991	4.5	72
80	The Novel Lipopeptide Poaeamide of the Endophyte <i>Pseudomonas poae</i> RE*1-1-14 Is Involved in Pathogen Suppression and Root Colonization. <i>Molecular Plant-Microbe Interactions</i> , 2015 , 28, 800-10	3.6	67
79	Molecular and chemical dialogues in bacteria-protozoa interactions. <i>Scientific Reports</i> , 2015 , 5, 12837	4.9	34
78	Investigations into the Biosynthesis, Regulation, and Self-Resistance of Toxoflavin in <i>Pseudomonas protegens</i> PF-5. <i>ChemBioChem</i> , 2015 , 16, 1782-90	3.8	35
77	Genome mining and metabolic profiling of the rhizosphere bacterium <i>Pseudomonas</i> sp. SH-C52 for antimicrobial compounds. <i>Frontiers in Microbiology</i> , 2015 , 6, 693	5.7	51
76	Diversity and functions of volatile organic compounds produced by <i>Streptomyces</i> from a disease-suppressive soil. <i>Frontiers in Microbiology</i> , 2015 , 6, 1081	5.7	113
75	Diversity and Activity of <i>Lysobacter</i> Species from Disease Suppressive Soils. <i>Frontiers in Microbiology</i> , 2015 , 6, 1243	5.7	55
74	Diversity of Aquatic <i>Pseudomonas</i> Species and Their Activity against the Fish Pathogenic Oomycete <i>Saprolegnia</i> . <i>PLoS ONE</i> , 2015 , 10, e0136241	3.7	21
73	Volatile affairs in microbial interactions. <i>ISME Journal</i> , 2015 , 9, 2329-35	11.9	253
72	Cross-kingdom similarities in microbiome functions. <i>ISME Journal</i> , 2015 , 9, 1905-7	11.9	66
71	Lipopeptide biosurfactant viscosin enhances dispersal of <i>Pseudomonas fluorescens</i> SBW25 biofilms. <i>Microbiology (United Kingdom)</i> , 2015 , 161, 2289-97	2.9	36
70	Discovery of new regulatory genes of lipopeptide biosynthesis in <i>Pseudomonas fluorescens</i> . <i>FEMS Microbiology Letters</i> , 2014 , 356, 166-75	2.9	13
69	Deciphering microbial landscapes of fish eggs to mitigate emerging diseases. <i>ISME Journal</i> , 2014 , 8, 2002-14	11.4	44
68	Mangotoxin production of <i>Pseudomonas syringae</i> pv. <i>syringae</i> is regulated by MgoA. <i>BMC Microbiology</i> , 2014 , 14, 46	4.5	17
67	Unravelling the microbiome of eggs of the endangered sea turtle <i>Eretmochelys imbricata</i> identifies bacteria with activity against the emerging pathogen <i>Fusarium falciforme</i> . <i>PLoS ONE</i> , 2014 , 9, e95206	3.7	28
66	Impact of interspecific interactions on antimicrobial activity among soil bacteria. <i>Frontiers in Microbiology</i> , 2014 , 5, 567	5.7	77
65	Biosynthetic origin of the antibiotic cyclocarbamate brabantamide A (SB-253514) in plant-associated <i>Pseudomonas</i> . <i>ChemBioChem</i> , 2014 , 15, 259-66	3.8	39
64	Biosynthetic genes and activity spectrum of antifungal polyynes from <i>Collimonas fungivorans</i> Ter331. <i>Environmental Microbiology</i> , 2014 , 16, 1334-45	5.2	38

63	Going back to the roots: the microbial ecology of the rhizosphere. <i>Nature Reviews Microbiology</i> , 2013 , 11, 789-99	22.2	1684
62	Friend or foe: genetic and functional characterization of plant endophytic <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2013 , 15, 764-79	5.2	49
61	Perspectives for Rhizosphere Research 2013 , 1227-1232		8
60	The Gac regulon of <i>Pseudomonas fluorescens</i> SBW25. <i>Environmental Microbiology Reports</i> , 2013 , 5, 608-19	3.7	36
59	The rhizosphere microbiome: significance of plant beneficial, plant pathogenic, and human pathogenic microorganisms. <i>FEMS Microbiology Reviews</i> , 2013 , 37, 634-63	15.1	1248
58	Model membrane studies for characterization of different antibiotic activities of lipopeptides from <i>Pseudomonas</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012 , 1818, 566-73	3.8	37
57	Identification of traits shared by rhizosphere-competent strains of fluorescent pseudomonads. <i>Microbial Ecology</i> , 2012 , 64, 725-37	4.4	42
56	Comparative genomics of plant-associated <i>Pseudomonas</i> spp.: insights into diversity and inheritance of traits involved in multitrophic interactions. <i>PLoS Genetics</i> , 2012 , 8, e1002784	6	432
55	Mass spectral molecular networking of living microbial colonies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1743-52	11.5	593
54	Diversity and natural functions of antibiotics produced by beneficial and plant pathogenic bacteria. <i>Annual Review of Phytopathology</i> , 2012 , 50, 403-24	10.8	357
53	Involvement of phenazines and lipopeptides in interactions between <i>Pseudomonas</i> species and <i>Sclerotium rolfsii</i> , causal agent of stem rot disease on groundnut. <i>Journal of Applied Microbiology</i> , 2012 , 112, 390-403	4.7	22
52	Genetic and Phenotypic Diversity of <i>Sclerotium rolfsii</i> in Groundnut Fields in Central Vietnam. <i>Plant Disease</i> , 2012 , 96, 389-397	1.5	20
51	Metabolic and transcriptomic changes induced in <i>Arabidopsis</i> by the rhizobacterium <i>Pseudomonas fluorescens</i> SS101. <i>Plant Physiology</i> , 2012 , 160, 2173-88	6.6	186
50	Deciphering the rhizosphere microbiome for disease-suppressive bacteria. <i>Science</i> , 2011 , 332, 1097-100	33.3	1516
49	Transcriptional and antagonistic responses of <i>Pseudomonas fluorescens</i> Pf0-1 to phylogenetically different bacterial competitors. <i>ISME Journal</i> , 2011 , 5, 973-85	11.9	135
48	Natural functions of lipopeptides from <i>Bacillus</i> and <i>Pseudomonas</i> : more than surfactants and antibiotics. <i>FEMS Microbiology Reviews</i> , 2010 , 34, 1037-62	15.1	679
47	Diversity and evolution of the phenazine biosynthesis pathway. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 866-79	4.8	188
46	Protozoan-induced regulation of cyclic lipopeptide biosynthesis is an effective predation defense mechanism for <i>Pseudomonas fluorescens</i> . <i>Applied and Environmental Microbiology</i> , 2009 , 75, 6804-11	4.8	73

45	Regulation of cyclic lipopeptide biosynthesis in <i>Pseudomonas fluorescens</i> by the ClpP protease. <i>Journal of Bacteriology</i> , 2009 , 191, 1910-23	3.5	48
44	Cellular responses of the late blight pathogen <i>Phytophthora infestans</i> to cyclic lipopeptide surfactants and their dependence on G proteins. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 4950-7	4.8	26
43	Diversity and functional analysis of LuxR-type transcriptional regulators of cyclic lipopeptide biosynthesis in <i>Pseudomonas fluorescens</i> . <i>Applied and Environmental Microbiology</i> , 2009 , 75, 4753-61	4.8	51
42	The rhizosphere: a playground and battlefield for soilborne pathogens and beneficial microorganisms. <i>Plant and Soil</i> , 2009 , 321, 341-361	4.2	1003
41	Functional, genetic and chemical characterization of biosurfactants produced by plant growth-promoting <i>Pseudomonas putida</i> 267. <i>Journal of Applied Microbiology</i> , 2009 , 107, 546-56	4.7	87
40	Phenazine antibiotics produced by fluorescent pseudomonads contribute to natural soil suppressiveness to <i>Fusarium</i> wilt. <i>ISME Journal</i> , 2009 , 3, 977-91	11.9	158
39	Involvement of the ABC transporter BcAtrB and the laccase BcLCC2 in defence of <i>Botrytis cinerea</i> against the broad-spectrum antibiotic 2,4-diacetylphloroglucinol. <i>Environmental Microbiology</i> , 2008 , 10, 1145-57	5.2	48
38	Diversity and activity of biosurfactant-producing <i>Pseudomonas</i> in the rhizosphere of black pepper in Vietnam. <i>Journal of Applied Microbiology</i> , 2008 , 104, 839-51	4.7	36
37	Massetolide A biosynthesis in <i>Pseudomonas fluorescens</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 2777-89	3.5	119
36	Wave-like distribution patterns of gfp-marked <i>Pseudomonas fluorescens</i> along roots of wheat plants grown in two soils. <i>Microbial Ecology</i> , 2008 , 55, 466-75	4.4	16
35	Genome-based discovery, structure prediction and functional analysis of cyclic lipopeptide antibiotics in <i>Pseudomonas</i> species. <i>Molecular Microbiology</i> , 2007 , 63, 417-28	4.1	188
34	Characterization of CMR5c and CMR12a, novel fluorescent <i>Pseudomonas</i> strains from the cocoyam rhizosphere with biocontrol activity. <i>Journal of Applied Microbiology</i> , 2007 , 103, 1007-20	4.7	75
33	Role of the cyclic lipopeptide massetolide A in biological control of <i>Phytophthora infestans</i> and in colonization of tomato plants by <i>Pseudomonas fluorescens</i> . <i>New Phytologist</i> , 2007 , 175, 731-742	9.8	218
32	Diversity of cultivated endophytic bacteria from sugarcane: genetic and biochemical characterization of <i>Burkholderia cepacia</i> complex isolates. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 7259-67	4.8	159
31	Cyclic Lipopeptide Surfactant Production by <i>Pseudomonas fluorescens</i> SS101 Is Not Required for Suppression of Complex <i>Pythium</i> spp. Populations. <i>Phytopathology</i> , 2007 , 97, 1348-55	3.8	34
30	Cyclic lipopeptide production by plant-associated <i>Pseudomonas</i> spp.: diversity, activity, biosynthesis, and regulation. <i>Molecular Plant-Microbe Interactions</i> , 2006 , 19, 699-710	3.6	333
29	Effect of mixed and single crops on disease suppressiveness of soils. <i>Phytopathology</i> , 2005 , 95, 1325-32	3.8	28
28	Influence of plant species on population dynamics, genotypic diversity and antibiotic production in the rhizosphere by indigenous <i>Pseudomonas</i> spp. <i>FEMS Microbiology Ecology</i> , 2005 , 52, 59-69	4.3	110

27	Ectomycorrhizal symbiosis affects functional diversity of rhizosphere fluorescent pseudomonads. <i>New Phytologist</i> , 2005 , 165, 317-28	9.8	201
26	Effect of Organic Management of Soils on Suppressiveness to <i>Gaeumannomyces graminis</i> var. <i>tritici</i> and its Antagonist, <i>Pseudomonas fluorescens</i> . <i>European Journal of Plant Pathology</i> , 2005 , 113, 417-435	2.1	58
25	Assessment of genotypic diversity of antibiotic-producing pseudomonas species in the rhizosphere by denaturing gradient gel electrophoresis. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 993-1003	4.8	44
24	Wheat cultivar-specific selection of 2,4-diacetylphloroglucinol-producing fluorescent <i>Pseudomonas</i> species from resident soil populations. <i>Microbial Ecology</i> , 2004 , 48, 338-48	4.4	122
23	Defense responses of <i>Fusarium oxysporum</i> to 2,4-diacetylphloroglucinol, a broad-spectrum antibiotic produced by <i>Pseudomonas fluorescens</i> . <i>Molecular Plant-Microbe Interactions</i> , 2004 , 17, 1201-1216	3.6	82
22	Host Specialisation of the Oomycete <i>Albugo Candida</i> . <i>Developments in Plant Pathology</i> , 2004 , 119-139		
21	Influence of Environmental Factors on the Disease Cycle of White Rust, Caused by <i>Albugo Candida</i> . <i>Developments in Plant Pathology</i> , 2004 , 107-118		1
20	Frequency, Diversity, and Activity of 2,4-Diacetylphloroglucinol-Producing Fluorescent <i>Pseudomonas</i> spp. in Dutch Take-all Decline Soils. <i>Phytopathology</i> , 2003 , 93, 54-63	3.8	133
19	Effect of 2,4-diacetylphloroglucinol on pythium: cellular responses and variation in sensitivity among propagules and species. <i>Phytopathology</i> , 2003 , 93, 966-75	3.8	150
18	Polymorphisms within the and genes from pyrrolnitrin and pyoluteorin-producing and spp.. <i>FEMS Microbiology Ecology</i> , 2003 , 43, 21-34	4.3	31
17	Polymorphisms within the prnD and pltC genes from pyrrolnitrin and pyoluteorin-producing <i>Pseudomonas</i> and <i>Burkholderia</i> spp. <i>FEMS Microbiology Ecology</i> , 2003 , 43, 21-34	4.3	105
16	Conservation of the response regulator gene <i>gacA</i> in <i>Pseudomonas</i> species. <i>Environmental Microbiology</i> , 2003 , 5, 1328-40	5.2	59
15	Pathogen self-defense: mechanisms to counteract microbial antagonism,. <i>Annual Review of Phytopathology</i> , 2003 , 41, 501-38	10.8	192
14	Biochemical, genetic, and zoosporicidal properties of cyclic lipopeptide surfactants produced by <i>Pseudomonas fluorescens</i> . <i>Applied and Environmental Microbiology</i> , 2003 , 69, 7161-72	4.8	193
13	Antibiotic production by bacterial biocontrol agents. <i>Antonie Van Leeuwenhoek</i> , 2002 , 81, 537-47	2.1	575
12	Differential ability of genotypes of 2,4-diacetylphloroglucinol-producing <i>Pseudomonas fluorescens</i> strains to colonize the roots of pea plants. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 3226-37	4.8	135
11	Fungal ABC transporters and microbial interactions in natural environments. <i>Molecular Plant-Microbe Interactions</i> , 2002 , 15, 1165-72	3.6	101
10	Microbial populations responsible for specific soil suppressiveness to plant pathogens. <i>Annual Review of Phytopathology</i> , 2002 , 40, 309-48	10.8	1172

9	Exploiting genotypic diversity of 2,4-diacetylphloroglucinol-producing <i>Pseudomonas</i> spp.: characterization of superior root-colonizing <i>P. fluorescens</i> strain Q8r1-96. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 2545-54	4.8	200
8	Genotypic and phenotypic diversity of pHLD-containing <i>Pseudomonas</i> strains isolated from the rhizosphere of wheat. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 1939-46	4.8	122
7	Effect of Population Density of <i>Pseudomonas fluorescens</i> on Production of 2,4-Diacetylphloroglucinol in the Rhizosphere of Wheat. <i>Phytopathology</i> , 1999 , 89, 470-5	3.8	193
6	Natural Plant Protection by 2,4-Diacetylphloroglucinol-Producing <i>Pseudomonas</i> spp. in Take-All Decline Soils. <i>Molecular Plant-Microbe Interactions</i> , 1998 , 11, 144-152	3.6	366
5	Dispersal of wild-type and genetically-modified <i>Pseudomonas</i> spp from treated seeds or soil to aerial parts of radish plants. <i>Soil Biology and Biochemistry</i> , 1995 , 27, 1473-1478	7.5	12
4	Utilization of heterologous siderophores and rhizosphere competence of fluorescent <i>Pseudomonas</i> spp.. <i>Canadian Journal of Microbiology</i> , 1995 , 41, 126-135	3.2	160
3	Dose-Response Relationships in Biological Control of Fusarium Wilt of Radish by <i>Pseudomonas</i> spp.. <i>Phytopathology</i> , 1995 , 85, 1075	3.8	247
2	Siderophore receptor PupA as a marker to monitor wild-type <i>Pseudomonas putida</i> WCS358 in natural environments. <i>Applied and Environmental Microbiology</i> , 1994 , 60, 1184-90	4.8	27
1	Extracting the GEMs: Genotype, Environment and Microbiome interactions shaping host phenotypes		6