Phillippe Normand

List of Publications by Year
in descending order

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186 papers	10,089 citations	28274 55 h-index	42399 92 g-index
207 all docs	207 docs citations	207 times ranked	7103 citing authors

#	Article	IF	Citations
1	Roots of the xerophyte Panicum turgidum host a cohort of ionizing-radiation-resistant biotechnologically-valuable bacteria. Saudi Journal of Biological Sciences, 2022, 29, 1260-1268.	3.8	4
2	The Proteogenome of Symbiotic Frankia alni in Alnus glutinosa Nodules. Microorganisms, 2022, 10, 651.	3.6	4
3	Draft Genomes of Nitrogen-fixing<i> Frankia</i> Strains Ag45/Mut15 and AgPM24 Isolated from Root Nodules of <i>Alnus Glutinosa</i>. Journal of Genomics, 2022, 10, 49-56.	0.9	4
4	Ionizing-radiation-resistant Kocuria rhizophila PT10 isolated from the Tunisian Sahara xerophyte Panicum turgidum: Polyphasic characterization and proteogenomic arsenal. Genomics, 2021, 113, 317-330.	2.9	7
5	Draft genome sequence of Promicromonospora panici sp. nov., a novel ionizing-radiation-resistant actinobacterium isolated from roots of the desert plant Panicum turgidum. Extremophiles, 2021, 25, 25-38.	2.3	5
6	Candidatus Frankia nodulisporulans sp. nov., an Alnus glutinosa-infective Frankia species unable to grow in pure culture and able to sporulate in-planta. Systematic and Applied Microbiology, 2020, 43, 126134.	2.8	17
7	A unique bacteriohopanetetrol stereoisomer of marine anammox. Organic Geochemistry, 2020, 143, 103994.	1.8	18
8	Feedback Regulation of N Fixation in <i>Frankia-Alnus</i> Symbiosis Through Amino Acids Profiling in Field and Greenhouse Nodules. Molecular Plant-Microbe Interactions, 2020, 33, 499-508.	2.6	13
9	Proposal of 'Candidatus Frankia alpina', the uncultured symbiont of Alnus alnobetula and A. incana that forms spore-containing nitrogen-fixing root nodules. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5453-5459.	1.7	15
10	Taxonomic assignment of uncultured prokaryotes with long range PCR targeting the spectinomycin operon. Research in Microbiology, 2019, 170, 280-287.	2.1	2
11	Whole-Genome Sequence of a Pantoea sp. Strain Isolated from an Olive (Olea europaea L.) Knot. Microbiology Resource Announcements, 2019, 8, .	0.6	3
12	Chitinolytic actinobacteria isolated from an Algerian semi-arid soil: development of an antifungal chitinase-dependent assay and GH18 chitinase gene identification. Annals of Microbiology, 2019, 69, 395-405.	2.6	14
13	Comparative genomics and proteogenomics highlight key molecular players involved in Frankia sporulation. Research in Microbiology, 2019, 170, 202-213.	2.1	5
14	Omics of the early molecular dialogue between <i>Frankia alni</i> and <i>Alnus glutinosa</i> and the cellulase synton. Environmental Microbiology, 2019, 21, 3328-3345.	3.8	14
15	Draft genome sequences for three unisolated <i>Alnus</i>-infective <i>Frankia</i> Sp+ strains, AgTrS, AiOr and AvVan, the first sequenced <i>Frankia</i> strains able to sporulate <i>in-planta</i>. Journal of Genomics, 2019, 7, 50-55.	0.9	8
16	Genome Sequence of Pseudomonas sp. Strain ST1, Isolated from Olive (Olea europaea L.) Knot Galls in Croatia. Microbiology Resource Announcements, 2019, 8, .	0.6	3
17	Molecular response to nitrogen starvation by Frankia alni ACN14a revealed by transcriptomics and functional analysis with a fosmid library in Escherichia coli. Research in Microbiology, 2018, 169, 90-100.	2.1	11
18	The PEG-responding desiccome of the alder microsymbiont Frankia alni. Scientific Reports, 2018, 8, 759.	3.3	14

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19	Robust Frankia phylogeny, species delineation and intraspecies diversity based on Multi-Locus Sequence Analysis (MLSA) and Single-Locus Strain Typing (SLST) adapted to a large sample size. Systematic and Applied Microbiology, 2018, 41, 311-323.	2.8	29
20	Evolutionary Success of Prokaryotes. , 2018, , 131-240.		0
21	Phylogeny and Biodiversity of Prokaryotes. , 2018, , 23-55.		0
22	Generation of a cluster-free Streptomyces albus chassis strains for improved heterologous expression of secondary metabolite clusters. Metabolic Engineering, 2018, 49, 316-324.	7.0	140
23	Phylogenomics reveals multiple losses of nitrogen-fixing root nodule symbiosis. Science, 2018, 361, .	12.6	339
24	Defining the Species Micromonospora saelicesensis and Micromonospora noduli Under the Framework of Genomics. Frontiers in Microbiology, 2018, 9, 1360.	3.5	32
25	Frankia canadensis sp. nov., isolated from root nodules of Alnus incana subspecies rugosa. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3001-3011.	1.7	33
26	The Genetics of the Frankia-Actinorhizal Symbiosis. , 2018, , 77-109.		20
27	Proposal of 'Candidatus Frankia californiensis', the uncultured symbiont in nitrogen-fixing root nodules of a phylogenetically broad group of hosts endemic to western North America. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3706-3715.	1.7	28
28	Draft Genome Sequence of <i>Frankia</i> Strain G2, a Nitrogen-Fixing Actinobacterium Isolated from <i>Casuarina equisetifolia</i> and Able To Nodulate Actinorhizal Plants of the Order <i>Rhamnales</i>. Genome Announcements, 2016, 4, .	0.8	13
29	Organic acids metabolism in Frankia alni. Symbiosis, 2016, 70, 37-48.	2.3	15
30	The N-metabolites of roots and actinorhizal nodules from Alnus glutinosa and Datisca glomerata: can D. glomerata change N-transport forms when nodulated?. Symbiosis, 2016, 70, 149-157.	2.3	26
31	Characterization of PAS domains in Frankia and selected Actinobacteria and their possible interaction with other co-domains for environmental adaptation. Symbiosis, 2016, 70, 69-78.	2.3	4
32	An update on research on Frankia and actinorhizal plants on the occasion of the 18th meeting of the Frankia-actinorhizal plants symbiosis. Symbiosis, 2016, 70, 1-4.	2.3	7
33	Stone-dwelling actinobacteria <i>Blastococcus saxobsidens</i>, <i>Modestobacter marinus</i> and <i>Geodermatophilus obscurus</i> proteogenomes. ISME Journal, 2016, 10, 21-29.	9.8	71
34	Proposal of a type strain for Frankia alni (Woronin 1866) Von Tubeuf 1895, emended description of Frankia alni, and recognition of Frankia casuarinae sp. nov. and Frankia elaeagni sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5201-5210.	1.7	68
35	Physiological effects of major up-regulated Alnus glutinosa peptides on Frankia sp. ACN14a. Microbiology (United Kingdom), 2016, 162, 1173-1184.	1.8	13
36	Bacterialâ€induced calcium oscillations are common to nitrogenâ€fixing associations of nodulating legumes and nonâ€legumes. New Phytologist, 2015, 207, 551-558.	7.3	89

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37	Cultivating the uncultured: growing the recalcitrant cluster-2 Frankia strains. Scientific Reports, 2015, 5, 13112.	3.3	90
38	Genome Sequence of the Atypical Symbiotic <i>Frankia</i> R43 Strain, a Nitrogen-Fixing and Hydrogen-Producing Actinobacterium. Genome Announcements, 2015, 3, .	0.8	21
39	Adaptations of Prokaryotes to Their Biotopes and to Physicochemical Conditions in Natural or Anthropized Environments. , 2015, , 293-351.		5
40	Contributions of Descriptive and Functional Genomics to Microbial Ecology. , 2015, , 831-846.		3
41	<i>Alnus</i> peptides modify membrane porosity and induce the release of nitrogen-rich metabolites from nitrogen-fixing <i>Frankia</i>. ISME Journal, 2015, 9, 1723-1733.	9.8	79
42	Biodiversity and Microbial Ecosystems Functioning. , 2015, , 261-291.		3
43	Microorganisms and Biotic Interactions. , 2015, , 395-444.		30
44	Candidatus Frankia Datiscae Dg1, the Actinobacterial Microsymbiont of Datisca glomerata, Expresses the Canonical nod Genes nodABC in Symbiosis with Its Host Plant. PLoS ONE, 2015, 10, e0127630.	2.5	131
45	Genome Features of the Endophytic Actinobacterium Micromonospora lupini Strain Lupac 08: On the Process of Adaptation to an Endophytic Life Style?. PLoS ONE, 2014, 9, e108522.	2.5	74
46	Absence of Cospeciation between the Uncultured<i>Frankia</i>Microsymbionts and the Disjunct Actinorhizal<i>Coriaria</i>Species. BioMed Research International, 2014, 2014, 1-9.	1.9	11
47	Phylogeny of the class Actinobacteria revisited in the light of complete genomes. The orders â€˜Frankialesâ€™ and Micrococcales should be split into coherent entities: proposal of Frankiales ord. nov., Geodermatophilales ord. nov., Acidothermales ord. nov. and Nakamurellales ord. nov.. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3821-3832.	1.7	148
48	The Family Geodermatophilaceae. , 2014, , 361-379.		12
49	The Family Frankiaceae. , 2014, , 339-356.		10
50	The Family Acidothermaceae. , 2014, , 13-19.		3
51	Contrasted evolutionary constraints on secreted and non-secreted proteomes of selected Actinobacteria. BMC Genomics, 2013, 14, 474.	2.8	39
52	The Nocardia cyriacigeorgica GUH-2 genome shows ongoing adaptation of an environmental Actinobacteria to a pathogenâ€™s lifestyle. BMC Genomics, 2013, 14, 286.	2.8	21
53	Micromonospora is a normal occupant of actinorhizal nodules. Journal of Biosciences, 2013, 38, 685-693.	1.1	67
54	First report on the occurrence of the uncultivated cluster 2 Frankia microsymbionts in soil outside the native actinorhizal host range area. Journal of Biosciences, 2013, 38, 695-698.	1.1	7

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55	Diversity of Frankia Strains, Actinobacterial Symbionts of Actinorhizal Plants. Soil Biology, 2013, , 123-148.	0.8	17
56	Genome Sequence of the Human- and Animal-Pathogenic Strain Nocardia cyriacigeorgica GUH-2. Journal of Bacteriology, 2012, 194, 2098-2099.	2.2	12
57	Genome Sequence of Micromonospora lupini Lupac 08, Isolated from Root Nodules of Lupinus angustifolius. Journal of Bacteriology, 2012, 194, 4135-4135.	2.2	14
58	Genome Sequence of Radiation-Resistant Modestobacter marinus Strain BC501, a Representative Actinobacterium That Thrives on Calcareous Stone Surfaces. Journal of Bacteriology, 2012, 194, 4773-4774.	2.2	33
59	Genome Sequence of Blastococcus saxobsidens DD2, a Stone-Inhabiting Bacterium. Journal of Bacteriology, 2012, 194, 2752-2753.	2.2	37
60	Contrasted resistance of stone-dwelling Geodermatophilaceae species to stresses known to give rise to reactive oxygen species. FEMS Microbiology Ecology, 2012, 80, 566-577.	2.7	97
61	Lectin genes in the Frankia alni genome. Archives of Microbiology, 2012, 194, 47-56.	2.2	14
62	Azospirillum Genomes Reveal Transition of Bacteria from Aquatic to Terrestrial Environments. PLoS Genetics, 2011, 7, e1002430.	3.5	191
63	Community Variability of Bacteria in Alpine Snow (Mont Blanc) Containing Saharan Dust Deposition and Their Snow Colonisation Potential. Microbes and Environments, 2011, 26, 237-247.	1.6	46
64	Three events of Saharan dust deposition on the Mont Blanc glacier associated with different snow-colonizing bacterial phylotypes. Microbiology, 2011, 80, 125-131.	1.2	30
65	Transcriptomics of Actinorhizal Symbioses Reveals Homologs of the Whole Common Symbiotic Signaling Cascade Â. Plant Physiology, 2011, 156, 700-711.	4.8	156
66	Insertion Sequences as Highly Resolutive Genomic Markers for Sequence Type 1 Legionella pneumophila Paris. Journal of Clinical Microbiology, 2011, 49, 315-324.	3.9	6
67	Genome Sequence of â€œCandidatus Frankia datiscaeâ€•Dg1, the Uncultured Microsymbiont from Nitrogen-Fixing Root Nodules of the Dicot Datisca glomerata. Journal of Bacteriology, 2011, 193, 7017-7018.	2.2	99
68	Early signaling in actinorhizal symbioses.. Plant Signaling and Behavior, 2011, 6, 1377-1379.	2.4	20
69	The Determinants of the Actinorhizal Symbiosis. Microbes and Environments, 2010, 25, 241-252.	1.6	37
70	The <i>Frankia alni</i> Symbiotic Transcriptome. Molecular Plant-Microbe Interactions, 2010, 23, 593-607.	2.6	126
71	Complete genome of the cellulolytic thermophile <i>Acidothermus cellulolyticus</i> 11B provides insights into its ecophysiological and evolutionary adaptations. Genome Research, 2009, 19, 1033-1043.	5.5	109
72	Insertion sequence content reflects genome plasticity in strains of the root nodule actinobacterium Frankia. BMC Genomics, 2009, 10, 468.	2.8	34

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73	A phylogenomic analysis of bacterial helixâ€“turnâ€“helix transcription factors. FEMS Microbiology Reviews, 2009, 33, 411-429.	8.6	35
74	Bacterial taxa associated with the hematophagous mite Dermanyssus gallinae detected by 16S rRNA PCR amplification and TTGE fingerprinting. Research in Microbiology, 2009, 160, 63-70.	2.1	48
75	The phylogeny of uptake hydrogenases in Frankia. International Microbiology, 2009, 12, 23-8.	2.4	8
76	The implication of life style on codon usage patterns and predicted highly expressed genes for three Frankia genomes. Antonie Van Leeuwenhoek, 2008, 93, 335-346.	1.7	37
77	Physiol Plant 130: 454â€“463 (2007). Physiologia Plantarum, 2008, 132, 397-397.	5.2	0
78	Ecological diversification in the <i>Bacillus cereus</i> Group. Environmental Microbiology, 2008, 10, 851-865.	3.8	413
79	On the nature of fur evolution: A phylogenetic approach in Actinobacteria. BMC Evolutionary Biology, 2008, 8, 185.	3.2	18
80	Comparative secretome analysis suggests low plant cell wall degrading capacity in Frankia symbionts. BMC Genomics, 2008, 9, 47.	2.8	49
81	Evolution and Diversity of Frankia. Microbiology Monographs, 2008, , 103-125.	0.6	13
82	Advances in environmental genomics: towards an integrated view of micro-organisms and ecosystems. Microbiology (United Kingdom), 2008, 154, 347-359.	1.8	26
83	Species richness and phylogenetic diversity comparisons of soil microbial communities affected by nickel-mining and revegetation efforts in New Caledonia. European Journal of Soil Biology, 2007, 43, 130-139.	3.2	61
84	Legumes Symbioses: Absence of Nod Genes in Photosynthetic Bradyrhizobia. Science, 2007, 316, 1307-1312.	12.6	557
85	The organization, regulation and phylogeny of uptake hydrogenase genes in Frankia. Physiologia Plantarum, 2007, 130, 464-470.	5.2	12
86	Frankia alni proteome under nitrogen-fixing and nitrogen-replete conditions. Physiologia Plantarum, 2007, 130, 440-453.	5.2	45
87	Modulation of Frankia alni ACN14a oxidative stress response: activity, expression and phylogeny of catalases. Physiologia Plantarum, 2007, 130, 454-463.	5.2	11
88	Differential Frankia protein patterns induced by phenolic extracts from Myricaceae seeds. Physiologia Plantarum, 2007, 130, 380-390.	5.2	40
89	Exploring the genomes of Frankia. Physiologia Plantarum, 2007, 130, 331-343.	5.2	62
90	Frankia ? the friendly bacteria ? infecting actinorhizal plants. Physiologia Plantarum, 2007, 130, 315-317.	5.2	8

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91	Streptomyces turgidiscabies and Streptomyces reticuliscabiei: one genomic species, two pathogenic groups. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2771-2776.	1.7	38
92	The Families Frankiaceae, Geodermatophilaceae, Acidothermaceae and Sporichthyaceae. , 2006, , 669-681.		18
93	Nutrition onÂbacteria byÂbacterial-feeding nematodes andÂconsequences onÂtheÂstructure ofÂsoil bacterial community. European Journal of Soil Biology, 2006, 42, S70-S78.	3.2	64
94	Presence of Hydrogenophilus thermoluteolus DNA in accretion ice in the subglacial Lake Vostok, Antarctica, assessed using rrs, cbb and hox. Environmental Microbiology, 2006, 8, 2106-2114.	3.8	50
95	Molecular characterization and PCR detection of a nitrogen-fixing Pseudomonas strain promoting rice growth. Biology and Fertility of Soils, 2006, 43, 163-170.	4.3	88
96	Geodermatophilaceae fam. nov., a formal description. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2277-2278.	1.7	85
97	Genome characteristics of facultatively symbiotic Frankia sp. strains reflect host range and host plant biogeography. Genome Research, 2006, 17, 7-15.	5.5	352
98	Molecular phylogeny of Myricaceae: a reexamination of hostâ€"symbiont specificity. Molecular Phylogenetics and Evolution, 2005, 34, 557-568.	2.7	49
99	Effect of carbon and nitrogen input on the bacterial community structure of Neocaledonian nickel mine spoils. FEMS Microbiology Ecology, 2005, 51, 333-340.	2.7	16
100	Non- Frankia Actinomycetes Isolated from Surface-Sterilized Roots of Casuarina equisetifolia Fix Nitrogen. Applied and Environmental Microbiology, 2005, 71, 460-466.	3.1	112
101	Construction of a recA mutant of Azospirillum lipoferum and involvement of recA in phase variation*1. FEMS Microbiology Letters, 2004, 236, 291-299.	1.8	9
102	A possible role for phenyl acetic acid (PAA) on Alnus glutinosa nodulation by Frankia. Plant and Soil, 2003, 254, 193-205.	3.7	77
103	Molecular phylogeny of Alnus (Betulaceae), inferred from nuclear ribosomal DNA ITS sequences. Plant and Soil, 2003, 254, 207-217.	3.7	45
104	Adaptation to nickel spiking of bacterial communities in neocaledonian soils. Environmental Microbiology, 2003, 5, 3-12.	3.8	42
105	Recombinant Environmental Libraries Provide Access to Microbial Diversity for Drug Discovery from Natural Products. Applied and Environmental Microbiology, 2003, 69, 49-55.	3.1	305
106	Characterization of the sodF gene region of Frankia sp. strain ACN14a and complementation of Escherichia coli sod mutant. Canadian Journal of Microbiology, 2003, 49, 294-300.	1.7	4
107	Relationship between Spatial and Genetic Distance in Agrobacterium spp. in 1 Cubic Centimeter of Soil. Applied and Environmental Microbiology, 2003, 69, 1482-1487.	3.1	60
108	DNAâ€"DNA hybridization study of Burkholderia species using genomic DNA macro-array analysis coupled to reverse genome probing. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 739-746.	1.7	14

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109	Paenibacillus graminis sp. nov. and Paenibacillus odorifer sp. nov., isolated from plant roots, soil and food.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 607-616.	1.7	156
110	Combined use of a specific probe and PCAT medium to study Burkholderia in soil. Journal of Microbiological Methods, 2001, 47, 25-34.	1.6	25
111	Isolation and 16S rRNA sequence analysis of the beneficial bacteria from the rhizosphere of rice. Canadian Journal of Microbiology, 2001, 47, 110-117.	1.7	127
112	Title is missing!. Plant and Soil, 2001, 237, 47-54.	3.7	187
113	Analysis of pFQ31, a 8551-bp cryptic plasmid from the symbiotic nitrogen-fixing actinomycete Frankia. FEMS Microbiology Letters, 2001, 197, 111-116.	1.8	24
114	Immunological quantification of the nematode parasitic bacterium Pasteuria penetrans in soil. FEMS Microbiology Ecology, 2001, 37, 187-195.	2.7	15
115	Identification of Bacteria in Pasteurized Zucchini Purèes Stored at Different Temperatures and Comparison with Those Found in Other Pasteurized Vegetable Purèes. Applied and Environmental Microbiology, 2001, 67, 4520-4530.	3.1	66
116	Diversity and Specificity of Frankia Strains in Nodules of Sympatric Myrica gale, Alnus incana , and Shepherdia canadensis Determined by rrs Gene Polymorphism. Applied and Environmental Microbiology, 2001, 67, 2116-2122.	3.1	67
117	Isolation and 16S rRNA sequence analysis of the beneficial bacteria from the rhizosphere of rice. Canadian Journal of Microbiology, 2001, 47, 110-117.	1.7	14
118	Modification of the protein expression pattern induced in the nitrogen-fixing actinomycete <i>Frankia</i> sp. strain ACN14a-tsr by root exudates of its symbiotic host <i>Alnus glutinosa</i> and cloning of the <i>sodF</i> gene. Canadian Journal of Microbiology, 2001, 47, 541-547.	1.7	22
119	Microscale Diversity of the Genus Nitrobacter in Soil on the Basis of Analysis of Genes Encoding rRNA. Applied and Environmental Microbiology, 2000, 66, 4543-4546.	3.1	51
120	Stimulation of the ionic transport system in <i>Brassica napus</i> by a plant growth-promoting rhizobacterium (<i>Achromobacter</i> sp.). Canadian Journal of Microbiology, 2000, 46, 229-236.	1.7	58
121	Comparative phylogeny of rrs and nifH genes in the Bacillaceae. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 961-967.	1.7	78
122	Polyphasic classification of the genus Photorhabdus and proposal of new taxa: P. luminescens subsp. luminescens subsp. nov., P. luminescens subsp. akhurstii subsp. nov., P. luminescens subsp. laumondii subsp. nov., P. temperata sp. nov., P. temperata subsp. temperata subsp. nov. and P. asymbiotica sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1645-1656.	1.7	220
123	Rhodanobacter lindaniclasticus gen. nov., sp. nov., a lindane-degrading bacterium. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 19-23.	1.7	137
124	Co-evolution between Frankia populations and host plants in the family Casuarinaceae and consequent patterns of global dispersal. Environmental Microbiology, 1999, 1, 525-533.	3.8	71
125	Distribution of Gymnostoma spp. microsymbiotic Frankia strains in New Caledonia is related to soil type and to host-plant species. Molecular Ecology, 1999, 8, 1781-1788.	3.9	52
126	Disruption of narG, the Gene Encoding the Catalytic Subunit of Respiratory Nitrate Reductase, Also Affects Nitrite Respiration in Pseudomonas fluorescens YT101. Journal of Bacteriology, 1999, 181, 5099-5102.	2.2	24

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127	Phenotypic and genetic diversity within a colony morphotype. FEMS Microbiology Letters, 1998, 160, 137-143.	1.8	39
128	Computer-assisted selection of restriction enzymes for rrs genes PCR-RFLP discrimination of rhizobial species. Genetics Selection Evolution, 1998, 30, 1.	3.0	1
129	Evolution of Frankia-Casuarinaceae interactions. Genetics Selection Evolution, 1998, 30, 1.	3.0	4
130	Genetic complementation of rhizobial nod mutants with Frankia DNA: artifact or reality?. Molecular Genetics and Genomics, 1998, 260, 115-119.	2.4	38
131	Genetic Diversity and Phylogeny of Rhizobia That Nodulate <i>Acacia</i> spp. in Morocco Assessed by Analysis of rRNA Genes. Applied and Environmental Microbiology, 1998, 64, 4912-4917.	3.1	84
132	Phenotypic and genetic diversity within a colony morphotype. FEMS Microbiology Letters, 1998, 160, 137-143.	1.8	1
133	Distribution and N2-fixing activity of Frankia strains in relation to soil depth*. Physiologia Plantarum, 1997, 99, 732-738.	5.2	2
134	Rapid identification of <i>Medicago</i> nodulating strains by using two oligonucleotide probes complementary to 16S rDNA sequences. Canadian Journal of Microbiology, 1997, 43, 854-861.	1.7	10
135	Recombinant plasmid mobilization between<i>E</i>.<i>coli</i>strains in seven sterile microcosms. Canadian Journal of Microbiology, 1997, 43, 534-540.	1.7	24
136	capA, a cspA-like gene that encodes a cold acclimation protein in the psychrotrophic bacterium Arthrobacter globiformis SI55. Journal of Bacteriology, 1997, 179, 5670-5676.	2.2	59
137	Distribution and N2-fixing activity of Frankia strains in relation to soil depth. Physiologia Plantarum, 1997, 99, 732-738.	5.2	42
138	Direct characterization of Frankia and of close phyletic neighbors from an Alnus viridis rhizosphere. Physiologia Plantarum, 1997, 99, 722-731.	5.2	34
139	Taxonomic position and intraspecific variability of the nodule forming Penicillium nodositatum inferred from RFLP analysis of the ribosomal intergenic spacer and Random Amplified Polymorphic DNA. Mycological Research, 1997, 101, 465-472.	2.5	69
140	Purification of the dissimilative nitrate reductase of pseudomonas fluorescens and the cloning and sequencing of its corresponding genes. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1997, 1350, 272-276.	2.4	29
141	Title is missing!. European Journal of Plant Pathology, 1997, 103, 545-554.	1.7	46
142	Direct characterization of Frankia and of close phyletic neighbors from an Alnus viridis rhizosphere*. Physiologia Plantarum, 1997, 99, 722-731.	5.2	3
143	The nodular microsymbionts of Gymnostoma spp. are Elaeagnus-infective Frankia strains. Applied and Environmental Microbiology, 1997, 63, 1610-1616.	3.1	48
144	Evidence that two genomic species of Rhizobium are associated with Medicago truncatula. Archives of Microbiology, 1996, 165, 285-288.	2.2	35

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145	Isolation and characterization of a novel gamma-hexachlorocyclohexane-degrading bacterium. Journal of Bacteriology, 1996, 178, 6049-6055.	2.2	89
146	Biologie et diversitÃ© gÃ©nÃ©tique des souches deFrankiaassociÃ©es aux CasuarinacÃ©es. Acta Botanica Gallica, 1996, 143, 567-580.	0.9	3
147	Genetic diversity among Frankia strains nodulating members of the family Casuarinaceae in Australia revealed by PCR and restriction fragment length polymorphism analysis with crushed root nodules. Applied and Environmental Microbiology, 1996, 62, 979-985.	3.1	83
148	Molecular structure of the Frankia spp. nifDâ€"K intergenic spacer and design of Frankia genus compatible primer. Molecular Ecology, 1995, 4, 483-492.	3.9	31
149	Oligonucleotide probes based on 16S rRNA sequences for the identification of four <i>Azospirillum</i> species. Canadian Journal of Microbiology, 1995, 41, 1081-1087.	1.7	21
150	Azospirillum Phylogeny Based on rrs (16S rRNA Gene) Sequences. , 1995, , 129-135.		1
151	Morphological and molecular characterization of Frankia sp. isolates from nodules of Alnus nepalensis Don. Archives of Microbiology, 1994, 161, 152-155.	2.2	8
152	Characterization of a spontaneous thiostrepton-resistant Frankia alni infective isolate using PCR-RFLP of nif and glnII genes. Soil Biology and Biochemistry, 1994, 26, 553-559.	8.8	25
153	Molecular relationship of an atypical Azospirillum strain 4T to other Azospirillum species. Research in Microbiology, 1994, 145, 633-640.	2.1	14
154	A Hypervariable 23S rRNA Region Provides a Discriminating Target for Specific Characterization of Uncultured and Cultured Frankia. Systematic and Applied Microbiology, 1994, 17, 433-443.	2.8	47
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