J Peter W Young

List of Publications by Year
in descending order

165 papers	17,072 citations	15503 65 h-index	15265 126 g-index
178 all docs	178 docs citations	178 times ranked	10935 citing authors

#	Article	IF	Citations
1	Ploughing up the wood-wide web?. Nature, 1998, 394, 431-431.	27.8	860
2	The role of ecological theory in microbial ecology. Nature Reviews Microbiology, 2007, 5, 384-392.	28.6	796
3	Genome of an arbuscular mycorrhizal fungus provides insight into the oldest plant symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20117-20122.	7.1	717
4	Improved PCR primers for the detection and identification of arbuscular mycorrhizal fungi. FEMS Microbiology Ecology, 2008, 65, 339-349.	2.7	664
5	Molecular diversity of arbuscular mycorrhizal fungi colonising arable crops. FEMS Microbiology Ecology, 2001, 36, 203-209.	2.7	516
6	The genome of Rhizobium leguminosarum has recognizable core and accessory components. Genome Biology, 2006, 7, R34.	9.6	489
7	Selectivity and functional diversity in arbuscular mycorrhizas of co-occurring fungi and plants from a temperate deciduous woodland. Journal of Ecology, 2002, 90, 371-384.	4.0	402
8	Coâ€existing grass species have distinctive arbuscular mycorrhizal communities. Molecular Ecology, 2003, 12, 3085-3095.	3.9	402
9	Arbuscular mycorrhizal community composition associated with two plant species in a grassland ecosystem. Molecular Ecology, 2002, 11, 1555-1564.	3.9	390
10	Extensive Fungal Diversity in Plant Roots. Science, 2002, 295, 2051-2051.	12.6	381
11	Legume-Nodulating Betaproteobacteria: Diversity, Host Range, and Future Prospects. Molecular Plant-Microbe Interactions, 2011, 24, 1276-1288.	2.6	378
12	Diversity of fungal symbionts in arbuscular mycorrhizas from a natural community. New Phytologist, 1995, 130, 259-265.	7.3	362
13	Introducing the bacterial â€˜chromidâ€™: not a chromosome, not a plasmid. Trends in Microbiology, 2010, 18, 141-148.	7.7	337
14	Molecular diversity of arbuscular mycorrhizal fungi and patterns of host association over time and space in a tropical forest. Molecular Ecology, 2002, 11, 2669-2678.	3.9	329
15	Plant communities affect arbuscular mycorrhizal fungal diversity and community composition in grassland microcosms. New Phytologist, 2004, 161, 503-515.	7.3	324
16	The transcriptome of the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> (DAOM 197198) reveals functional tradeoffs in an obligate symbiont. New Phytologist, 2012, 193, 755-769.	7.3	305
17	Diversity and phylogeny of rhizobia. New Phytologist, 1996, 133, 87-94.	7.3	276
18	Three Phylogenetic Groups of <i>nodA</i> and <i>nifH</i> Genes in <i>Sinorhizobium</i> and <i>Mesorhizobium</i> Isolates from Leguminous Trees Growing in Africa and Latin America. Applied and Environmental Microbiology, 1998, 64, 419-426.	3.1	265

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19	Nonlegumes, Legumes, and Root Nodules Harbor Different Arbuscular Mycorrhizal Fungal Communities. Applied and Environmental Microbiology, 2004, 70, 6240-6246.	3.1	250
20	<i>Burkholderia</i>species are ancient symbionts of legumes. Molecular Ecology, 2010, 19, 44-52.	3.9	245
21	Symbiosis within Symbiosis: Evolving Nitrogen-Fixing Legume Symbionts. Trends in Microbiology, 2016, 24, 63-75.	7.7	245
22	Active root-inhabiting microbes identified by rapid incorporation of plant-derived carbon into RNA. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16970-16975.	7.1	207
23	Molecular diversity of arbuscular mycorrhizal fungi colonisingHyacinthoides non-scripta(bluebell) in a seminatural woodland. Molecular Ecology, 1999, 8, 659-666.	3.9	198
24	The Glutamine Synthetases of Rhizobia: Phylogenetics and Evolutionary Implications. Molecular Biology and Evolution, 2000, 17, 309-319.	8.9	191
25	Differentiation of Pseudomonas solanacearum, Pseudomonas syzygii, pseudomonas pickettii and the Blood Disease Bacterium by partial 16S rRNA sequencing: construction of oligonucleotide primers for sensitive detection by polymerase chain reaction. Journal of General Microbiology, 1993, 139, 1587-1594.	2.3	181
26	Diversity and specificity of Rhizobium leguminosarum biovar viciae on wild and cultivated legumes. Molecular Ecology, 2004, 13, 2435-2444.	3.9	174
27	Proof that Burkholderia Strains Form Effective Symbioses with Legumes: a Study of Novel Mimosa -Nodulating Strains from South America. Applied and Environmental Microbiology, 2005, 71, 7461-7471.	3.1	172
28	Nodulation and nitrogen fixation by <i>Mimosa</i> spp. in the Cerrado and Caatinga biomes of Brazil. New Phytologist, 2010, 186, 934-946.	7.3	170
29	Minimal standards for the description of new genera and species of rhizobia and agrobacteria. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1852-1863.	1.7	170
30	Diversity of the ribosomal internal transcribed spacers within and among isolates of Glomus mosseae and related mycorrhizal fungi. New Phytologist, 1996, 133, 103-111.	7.3	168
31	Bacterial genospecies that are not ecologically coherent: population genomics of<i>Rhizobium leguminosarum</i>. Open Biology, 2015, 5, 140133.	3.6	160
32	<i>Burkholderia</i> spp. are the most competitive symbionts of <i>Mimosa</i>, particularly under Nâ€limited conditions. Environmental Microbiology, 2009, 11, 762-778.	3.8	157
33	Nodulation of Cyclopia spp. (Leguminosae, Papilionoideae) by Burkholderia tuberum. Annals of Botany, 2007, 100, 1403-1411.	2.9	154
34	Specificity and resilience in the arbuscular mycorrhizal fungi of a natural woodland community. Journal of Ecology, 2007, 95, 623-630.	4.0	141
35	Impact of soil warming and shading on colonization and community structure of arbuscular mycorrhizal fungi in roots of a native grassland community. Global Change Biology, 2004, 10, 52-64.	9.5	127
36	Horizontal Transfer of Symbiosis Genes within and Between Rhizobial Genera: Occurrence and Importance. Genes, 2018, 9, 321.	2.4	124

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37	The evolution of specificity in the legume-rhizobium symbiosis. Trends in Ecology and Evolution, 1989, 4, 341-349.	8.7	122
38	Nodulation of <i>Sesbania</i> species by <i>Rhizobium</i> (<i>Agrobacterium</i>) strain IRBG74 and other rhizobia. Environmental Microbiology, 2009, 11, 2510-2525.	3.8	120
39	Temporal variation in the arbuscular mycorrhizal communities colonising seedlings in a tropical forest. FEMS Microbiology Ecology, 2002, 42, 131-136.	2.7	118
40	Establishment, persistence and effectiveness of arbuscular mycorrhizal fungal inoculants in the field revealed using molecular genetic tracing and measurement of yield components. New Phytologist, 2012, 194, 810-822.	7.3	109
41	Burkholderia sabiae sp. nov., isolated from root nodules of Mimosa caesalpiniifolia. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2174-2179.	1.7	107
42	Biodiversity of rhizobia isolated from a wide range of forest legumes in Brazil. Molecular Ecology, 1998, 7, 889-895.	3.9	105
43	Higher Diversity of Rhizobium leguminosarum Biovar viciae Populations in Arable Soils than in Grass Soils. Applied and Environmental Microbiology, 2000, 66, 2445-2450.	3.1	105
44	An invasive Mimosa in India does not adopt the symbionts of its native relatives. Annals of Botany, 2013, 112, 179-196.	2.9	100
45	Ribosomal small subunit sequence variation within spores of an arbuscular mycorrhizal fungus, Scutellospora sp.. Molecular Ecology, 1999, 8, 915-921.	3.9	98
46	Substrate induction and glucose repression of maltose utilization by <i>Streptomyces coelicolor</i> A3(2) is controlled by <i>malR</i>, a member of the <i>lacIâ€“galR</i> family of regulatory genes. Molecular Microbiology, 1997, 23, 537-549.	2.5	95
47	Effects of long-term fertilization on AM fungal community structure and Glomalin-related soil protein in the Loess Plateau of China. Plant and Soil, 2011, 342, 233-247.	3.7	95
48	Burkholderia diazotrophica sp. nov., isolated from root nodules of Mimosa spp.. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 435-441.	1.7	94
49	Genetic and symbiotic characterization of rhizobia isolated from tree and herbaceous legumes grown in soils from ecologically diverse sites in Kenya. Soil Biology and Biochemistry, 2002, 34, 801-811.	8.8	91
50	Mesorhizobium septentrionale sp. nov. and Mesorhizobium temperatum sp. nov., isolated from Astragalus adsurgens growing in the northern regions of China. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 2003-2012.	1.7	88
51	Relationship between assemblages of mycorrhizal fungi and bacteria on grass roots. Environmental Microbiology, 2008, 10, 534-541.	3.8	86
52	The mitochondrial genome sequence of the arbuscular mycorrhizal fungus <i>Glomus intraradices</i> isolate 494 and implications for the phylogenetic placement of <i>Glomus</i>. New Phytologist, 2009, 183, 200-211.	7.3	85
53	Sib competition can favour sex in two ways. Journal of Theoretical Biology, 1981, 88, 755-756.	1.7	83
54	Phylogeny of the Glomerales and Diversisporales (Fungi: Glomeromycota) from actin and elongation factor 1-alpha sequences. FEMS Microbiology Letters, 2003, 229, 127-132.	1.8	78

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55	Real-time PCR and microscopy: Are the two methods measuring the same unit of arbuscular mycorrhizal fungal abundance?. Fungal Genetics and Biology, 2008, 45, 581-596.	2.1	77
56	<i>Rhizobium</i> Population Genetics: Enzyme Polymorphism in <i>Rhizobium leguminosarum</i> from Plants and Soil in a Pea Crop. Applied and Environmental Microbiology, 1987, 53, 397-402.	3.1	77
57	Chickpea rhizobia symbiosis genes are highly conserved across multiple Mesorhizobium species. FEMS Microbiology Ecology, 2008, 66, 391-400.	2.7	76
58	Burkholderia symbiotica sp. nov., isolated from root nodules of Mimosa spp. native to north-east Brazil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2272-2278.	1.7	76
59	Interactions betweenPseudomonas fluorescensbiocontrol agents andGlomus mosseae, an arbuscular mycorrhizal fungus, within the rhizosphere. FEMS Microbiology Letters, 1998, 166, 297-303.	1.8	72
60	Endemic <i><scp>M</scp>imosa</i> species from <scp>M</scp>exico prefer alphaproteobacterial rhizobial symbionts. New Phytologist, 2016, 209, 319-333.	7.3	72
61	Complete Genome sequence of Burkholderia phymatum STM815T, a broad host range and efficient nitrogen-fixing symbiont of Mimosa species. Standards in Genomic Sciences, 2014, 9, 763-774.	1.5	71
62	Identification of roots from grass swards using PCR-RFLP and FFLP of the plastid trnL (UAA) intron. BMC Ecology, 2003, 3, 8.	3.0	70
63	Bradyrhizobium guangdongense sp. nov. and Bradyrhizobium guangxiense sp. nov., isolated from effective nodules of peanut. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4655-4661.	1.7	69
64	A Common Genomic Framework for a Diverse Assembly of Plasmids in the Symbiotic Nitrogen Fixing Bacteria. PLoS ONE, 2008, 3, e2567.	2.5	69
65	Invasive Robinia pseudoacacia in China is nodulated by Mesorhizobium and Sinorhizobium species that share similar nodulation genes with native American symbionts. FEMS Microbiology Ecology, 2009, 68, 320-328.	2.7	68
66	Rhizobium anhuiense sp. nov., isolated from effective nodules of Vicia faba and Pisum sativum. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2960-2967.	1.7	68
67	Azorhizobium doebereinerae sp. Nov. Microsymbiont of Sesbania virgata (Caz.) Pers.. Systematic and Applied Microbiology, 2006, 29, 197-206.	2.8	67
68	Modafinil in the treatment of idiopathic hypersomnia without long sleep timeâ€”a randomized, doubleâ€blind, placeboâ€controlled study. Journal of Sleep Research, 2015, 24, 74-81.	3.2	67
69	Population mixing of Rhizobium leguminosarum bv. viciae nodulating Vicia faba: the role of recombination and lateral gene transfer. FEMS Microbiology Ecology, 2010, 73, no-no.	2.7	65
70	High diversity of chickpea Mesorhizobium species isolated in a Portuguese agricultural region. FEMS Microbiology Ecology, 2004, 48, 101-107.	2.7	64
71	Burkholderia sp. Induces Functional Nodules on the South African Invasive Legume Dipogon lignosus (Phaseoleae) in New Zealand Soils. Microbial Ecology, 2014, 68, 542-555.	2.8	63
72	Quantification of an arbuscular mycorrhizal fungus, Glomus mosseae, within plant roots by competitive polymerase chain reaction. Mycological Research, 1997, 101, 1440-1444.	2.5	62

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73	A Diverse Population of Introns in the Nuclear Ribosomal Genes of Ericoid Mycorrhizal Fungi Includes Elements with Sequence Similarity to Endonuclease-Coding Genes. Molecular Biology and Evolution, 2000, 17, 44-59.	8.9	60
74	Effect of Rice Cultivation Systems on Indigenous Arbuscular Mycorrhizal Fungal Community Structure. Microbes and Environments, 2013, 28, 316-324.	1.6	58
75	Increased sequencing depth does not increase captured diversity of arbuscular mycorrhizal fungi. Mycorrhiza, 2017, 27, 761-773.	2.8	58
76	The Common Nodulation Genes of Astragalus sinicus Rhizobia Are Conserved despite Chromosomal Diversity. Applied and Environmental Microbiology, 2000, 66, 2988-2995.	3.1	57
77	Multilocus sequence analysis reveals multiple symbiovars within Mesorhizobium species. Systematic and Applied Microbiology, 2012, 35, 359-367.	2.8	56
78	Average nucleotide identity of genome sequences supports the description of Rhizobium lentis sp. nov., Rhizobium bangladeshense sp. nov. and Rhizobium binae sp. nov. from lentil (Lens culinaris) nodules. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3037-3045.	1.7	55
79	Mesorhizobium alhagi sp. nov., isolated from wild Alhagi sparsifolia in north-western China. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 958-962.	1.7	53
80	Morphogenesis of the compound leaf in three genotypes of the pea, <i>Pisum sativum</i>. Canadian Journal of Botany, 1986, 64, 1268-1276.	1.1	51
81	T-RFLP analysis of bacterial communities in the midguts of Apis mellifera and Apis cerana honey bees in Thailand. FEMS Microbiology Ecology, 2012, 79, 273-281.	2.7	51
82	Coordinated regulation of core and accessory genes in the multipartite genome of Sinorhizobium fredii. PLoS Genetics, 2018, 14, e1007428.	3.5	50
83	A distinct class of peas (Pisum sativum L.) from Afghanistan that show strain specificity for symbiotic Rhizobium. Heredity, 1982, 48, 203-210.	2.6	49
84	A search for peas (Pisum sativum L.) showing strain specificity for symbiotic Rhizobium leguminosarum. Heredity, 1982, 48, 197-201.	2.6	48
85	Defining the Rhizobium leguminosarum Species Complex. Genes, 2021, 12, 111.	2.4	48
86	Diversity of Sinorhizobium meliloti from the Central Asian Alfalfa Gene Center. Applied and Environmental Microbiology, 2002, 68, 4694-4697.	3.1	45
87	Defining functional diversity for lignocellulose degradation in a microbial community using multi-omics studies. Biotechnology for Biofuels, 2018, 11, 166.	6.2	44
88	Distribution of repC plasmid-replication sequences among plasmids and isolates of Rhizobium leguminosarum bv. viciae from field populations. Microbiology (United Kingdom), 1998, 144, 771-780.	1.8	43
89	Slipins: ancient origin, duplication and diversification of the stomatin protein family. BMC Evolutionary Biology, 2008, 8, 44.	3.2	43
90	Direct amplification of nodD from community DNA reveals the genetic diversity of Rhizobium leguminosarum in soil. Environmental Microbiology, 2001, 3, 363-370.	3.8	42

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91	Symbiotic and Genetic Diversity of Rhizobium galegae Isolates Collected from the Galega orientalis Gene Center in the Caucasus. Applied and Environmental Microbiology, 2003, 69, 1067-1074.	3.1	42
92	Population genomics of <i>Sinorhizobium medicae</i> based on low-coverage sequencing of sympatric isolates. ISME Journal, 2011, 5, 1722-1734.	9.8	41
93	A genetic discontinuity in rootâ€nodulating bacteria of cultivated pea in the Indian transâ€Himalayas. Molecular Ecology, 2012, 21, 145-159.	3.9	41
94	What does a bacterial genome sequence represent? Mis-assignment of MAFF 303099 to the genospecies Mesorhizobium loti. Microbiology (United Kingdom), 2002, 148, 3330-3331.	1.8	41
95	Biochemical characterization of ?LAP,? a polymorphic aminopeptidase from the blue mussel, Mytilus edulis. Biochemical Genetics, 1979, 17, 305-323.	1.7	40
96	The ABC of symbiosis. Nature, 2001, 412, 597-598.	27.8	40
97	Mesorhizobium camelthorni sp. nov., isolated from Alhagi sparsifolia. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 574-579.	1.7	39
98	Ecology and Evolution of Rhizobia. , 2019, , .		38
99	The replicator region of theRhizobium leguminosarumcryptic plasmid pRL8JI. FEMS Microbiology Letters, 1995, 133, 53-58.	1.8	37
100	dnaJ is a useful phylogenetic marker for alphaproteobacteria. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2839-2849.	1.7	37
101	Phylogeny of bethylid wasps (Hymenoptera: Bethylidae) inferred from 28S and 16S rRNA genes. Insect Systematics and Evolution, 2010, 41, 55-73.	0.7	35
102	Evolutionary Dynamics of Insertion Sequences in Relation to the Evolutionary Histories of the Chromosome and Symbiotic Plasmid Genes of Rhizobium etli Populations. Applied and Environmental Microbiology, 2010, 76, 6504-6513.	3.1	34
103	Genetic and genomic glimpses of the elusive arbuscular mycorrhizal fungi. Current Opinion in Plant Biology, 2012, 15, 454-461.	7.1	33
104	A typing scheme for the honeybee pathogen <i><scp>M</scp>elissococcus plutonius</i> allows detection of disease transmission events and a study of the distribution of variants. Environmental Microbiology Reports, 2013, 5, 525-529.	2.4	33
105	Hostâ€specific competitiveness to form nodules in <i>Rhizobium leguminosarum</i> symbiovar <i>viciae</i>. New Phytologist, 2020, 226, 555-568.	7.3	33
106	Sexual swarms in Daphnia magna, a cyclic parthenogen. Freshwater Biology, 1978, 8, 279-281.	2.4	31
107	Sequence Diversity of the Plasmid Replication Gene repC in the Rhizobiaceae. Plasmid, 2000, 44, 209-219.	1.4	31
108	DNA-based Identification of Goose Species from Two Archaeological Sites in Lincolnshire. Journal of Archaeological Science, 2000, 27, 91-100.	2.4	31

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109	Recurrent outbreaks of root mat in cucumber and tomato are associated with a monomorphic, cucumopine, Ri-plasmid harboured by various Alphaproteobacteria. FEMS Microbiology Letters, 2006, 258, 136-143.	1.8	31
110	Symbiosis genes show a unique pattern of introgression and selection within a Rhizobium leguminosarum species complex. Microbial Genomics, 2020, 6, .	2.0	31
111	Genome sequencing of two Neorhizobium galegae strains reveals a noeT gene responsible for the unusual acetylation of the nodulation factors. BMC Genomics, 2014, 15, 500.	2.8	30
112	Revealing the insoluble metasecretome of lignocellulose-degrading microbial communities. Scientific Reports, 2017, 7, 2356.	3.3	30
113	Characterisation of rhizobia from African acacias and other tropical woody legumes using Biologâ„¢ and partial 16S rRNA sequencing. FEMS Microbiology Letters, 1999, 170, 111-117.	1.8	29
114	Bacteria Are Smartphones and Mobile Genes Are Apps. Trends in Microbiology, 2016, 24, 931-932.	7.7	28
115	How many fungi does it take to change a plant community?. Trends in Plant Science, 1999, 4, 81-82.	8.8	27
116	Genotypic characterisation of rhizobia nodulating Vicia faba from the soils of Jordan: a comparison with UK isolates. Soil Biology and Biochemistry, 2003, 35, 709-714.	8.8	27
117	Userâ€friendly bioinformatics pipeline gDAT (graphical downstream analysis tool) for analysing rDNA sequences. Molecular Ecology Resources, 2021, 21, 1380-1392.	4.8	27
118	<i>Rhizobium leguminosarum</i>is the symbiont of lentils in the Middle East and Europe but not in Bangladesh. FEMS Microbiology Ecology, 2014, 87, 64-77.	2.7	26
119	Genome diversity in arbuscular mycorrhizal fungi. Current Opinion in Plant Biology, 2015, 26, 113-119.	7.1	26
120	International Committee on Systematics of Prokaryotes Subcommittee for the Taxonomy of Rhizobium and Agrobacterium Minutes of the meeting, Budapest, 25 August 2016. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2485-2494.	1.7	26
121	Why are rhizobial symbiosis genes mobile?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200471.	4.0	26
122	Diversity and persistence of arbuscular mycorrhizas in a lowâ€Arctic meadow habitat. New Phytologist, 2007, 176, 691-698.	7.3	25
123	A molecular guide to the taxonomy of arbuscular mycorrhizal fungi. New Phytologist, 2012, 193, 823-826.	7.3	25
124	Rhizobium etli is the dominant common bean nodulating rhizobia in cultivated soils from different locations in Jordan. Applied Soil Ecology, 2004, 26, 193-200.	4.3	24
125	Acquisition of an Agrobacterium Ri Plasmid and Pathogenicity by Other Î±- Proteobacteria in Cucumber and Tomato Crops Affected by Root Mat. Applied and Environmental Microbiology, 2004, 70, 2779-2785.	3.1	23
126	Rhizobia with 16S rRNA and nifH Similar to Mesorhizobium huakuii but Novel recA, glnII, nodA and nodC Genes Are Symbionts of New Zealand Carmichaelinae. PLoS ONE, 2012, 7, e47677.	2.5	23

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127	Rhizobium population genetics: Effect of clover variety and inoculum dilution on the genetic diversity sampled from natural populations. Plant and Soil, 1987, 103, 147-150.	3.7	22
128	Molecular diversity of Frankia in root nodules of Alnus incana grown with inoculum from polluted urban soils. FEMS Microbiology Ecology, 2004, 50, 255-263.	2.7	21
129	Rhizobium population genetics: Host preference and strain competition effects on the range of Rhizobium leguminosarum biovar Trifolii genotypes isolated from natural populations. Soil Biology and Biochemistry, 1989, 21, 981-986.	8.8	19
130	Characterization of Arbuscular Mycorrhizal Fungus Communities of Aquilaria crassna and Tectona grandis Roots and Soils in Thailand Plantations. PLoS ONE, 2014, 9, e112591.	2.5	17
131	L-System Analysis of Compound Leaf Development in Pisum sativum L. Annals of Botany, 1992, 70, 189-196.	2.9	16
132	The genetic diversity of intraterrestrial aliens. New Phytologist, 2008, 178, 465-468.	7.3	16
133	A new clade of Mesorhizobium nodulating Alhagi sparsifolia. Systematic and Applied Microbiology, 2009, 32, 8-16.	2.8	16
134	The determination of pea leaves, leaflets, and tendrils. American Journal of Botany, 1994, 81, 352-360.	1.7	15
135	Arbuscular mycorrhizal communities associated with maples (<i>Acer</i> spp.) in a common garden are influenced by season and host plant. Botany, 2014, 92, 321-326.	1.0	14
136	Modification of Pea Leaf Morphology by 2,3,5-Triiodobenzoic Acid. Botanical Gazette, 1991, 152, 133-138.	0.6	13
137	Identification and analysis of rhizobial plasmid origins of transfer. FEMS Microbiology Ecology, 2002, 42, 227-234.	2.7	11
138	The NfeD Protein Family and Its Conserved Gene Neighbours Throughout Prokaryotes: Functional Implications for Stomatin-Like Proteins. Journal of Molecular Evolution, 2009, 69, 657-667.	1.8	11
139	Kissing cousins: mycorrhizal fungi get together. New Phytologist, 2009, 181, 751-753.	7.3	11
140	MAUIâ€seq: Metabarcoding using amplicons with unique molecular identifiers to improve error correction. Molecular Ecology Resources, 2021, 21, 703-720.	4.8	11
141	Fields with no recent legume cultivation have sufficient nitrogen-fixing rhizobia for crops of faba bean (Vicia faba L.). Plant and Soil, 2022, 472, 345-368.	3.7	11
142	Linkage of sym-2, the symbiotic specificity locus of Pisum sativum. Journal of Heredity, 1985, 76, 207-208.	2.4	10
143	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of rhizobia and agrobacteria Minutes of the closed meeting, Granada, 4 September 2017. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3363-3368.	1.7	10
144	Genetic variation is associated with differences in facilitative and competitive interactions in the Rhizobium leguminosarum species complex. Environmental Microbiology, 2021, , .	3.8	9

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145	Does growth rate determine leaf form in Pisum sativum?. Canadian Journal of Botany, 1989, 67, 2590-2595.	1.1	8
146	Induction of root-mat symptoms on cucumber plants by Rhizobium, but not by Ochrobactrum or Sinorhizobium, harbouring a cucumopine Ri plasmid. Plant Pathology, 2005, 54, 799-805.	2.4	8
147	Maximizing the Adjacent Possible in Automata Chemistries. Artificial Life, 2016, 22, 49-75.	1.3	8
148	International Committee on Systematics of Prokaryotes Subcommittee on the Taxonomy of Rhizobia and Agrobacteria Minutes of the meeting by video conference, 11 July 2018. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1835-1840.	1.7	7
149	The Determination of Pea Leaves, Leaflets, and Tendrils. American Journal of Botany, 1994, 81, 352.	1.7	7
150	Introducing a Novel, Broad Host Range Temperate Phage Family Infecting Rhizobium leguminosarum and Beyond. Frontiers in Microbiology, 2021, 12, 765271.	3.5	7
151	The molecular palaeoecology of geese: identification of archaeological goose remains using ancient DNA analysis. International Journal of Osteoarchaeology, 1998, 8, 280-287.	1.2	6
152	International Committee on Systematics of Prokaryotes Subcommittee on the Taxonomy of Rhizobia and Agrobacteria Minutes of the closed meeting by videoconference, 6 July 2020. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	6
153	International Committee on Systematics of Prokaryotes Subcommittee on the Taxonomy of Rhizobia and Agrobacteria Minutes of the closed meeting by videoconference, 17 July 2019. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3563-3571.	1.7	5
154	Genetic Variation in Host-Specific Competitiveness of the Symbiont Rhizobium leguminosarum Symbiovar viciae. Frontiers in Plant Science, 2021, 12, 719987.	3.6	4
155	PLAZZMID: An Evolutionary Agent-Based Architecture Inspired by Bacteria and Bees. , 2007, , 1151-1160.		4
156	History of Rhizobial Taxonomy. , 2019, , 23-39.		3
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