J Peter W Young

List of Publications by Year in Descending Order

166 papers	13,738 citations	60 h-index	115 g-index
178 ext. papers	15,782 ext. citations	6.1 avg, IF	6.22 L-index

#	Paper	IF	Citations
166	Why are rhizobial symbiosis genes mobile?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2022**, 377, 20200471	5.8	1
165	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	4.2	1
164	Introducing a Novel, Broad Host Range Temperate Phage Family Infecting and Beyond. *Frontiers in Microbiology*, **2021**, 12, 765271	5.7	1
163	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,	2.2	2
162	MAUI-seq: Metabarcoding using amplicons with unique molecular identifiers to improve error correction. *Molecular Ecology Resources*, **2021**, 21, 703-720	8.4	2
161	Defining the Species Complex. *Genes*, **2021**, 12,	4.2	19
160	User-friendly bioinformatics pipeline gDAT (graphical downstream analysis tool) for analysing rDNA sequences. *Molecular Ecology Resources*, **2021**, 21, 1380-1392	8.4	8
159	Genetic variation is associated with differences in facilitative and competitive interactions in the Rhizobium leguminosarum species complex. *Environmental Microbiology*, **2021**,	5.2	2
158	Genetic Variation in Host-Specific Competitiveness of the Symbiont Symbiovar. *Frontiers in Plant Science*, **2021**, 12, 719987	6.2	0
157	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	2.2	4
156	Symbiosis genes show a unique pattern of introgression and selection within a species complex. *Microbial Genomics*, **2020**, 6,	4.4	15
155	Host-specific competitiveness to form nodules in Rhizobium leguminosarum symbiovar viciae. *New Phytologist*, **2020**, 226, 555-568	9.8	24
154	Evolution of Symbiosis Genes: Vertical and Horizontal Gene Transfer **2019**, 145-152		
153	Genomics and Evolution of Rhizobia **2019**, 103-119		1
152	History of Rhizobial Taxonomy **2019**, 23-39		3
151	Symbiosis Genes: Organisation and Diversity **2019**, 123-144		2
150	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	2.2	5

149	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	2.2	94
148	Ecology and Evolution of Rhizobia **2019**,		11
147	Coordinated regulation of core and accessory genes in the multipartite genome of Sinorhizobium fredii. *PLoS Genetics*, **2018**, 14, e1007428	6	25
146	Defining functional diversity for lignocellulose degradation in a microbial community using multi-omics studies. *Biotechnology for Biofuels*, **2018**, 11, 166	7.8	29
145	Horizontal Transfer of Symbiosis Genes within and Between Rhizobial Genera: Occurrence and Importance. *Genes*, **2018**, 9,	4.2	70
144	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	2.2	9
143	Increased sequencing depth does not increase captured diversity of arbuscular mycorrhizal fungi. *Mycorrhiza*, **2017**, 27, 761-773	3.9	39
142	Revealing the insoluble metasecretome of lignocellulose-degrading microbial communities. *Scientific Reports*, **2017**, 7, 2356	4.9	23
141	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	2.2	20
140	Maximizing the Adjacent Possible in Automata Chemistries. *Artificial Life*, **2016**, 22, 49-75	1.4	6
139	Symbiosis within Symbiosis: Evolving Nitrogen-Fixing Legume Symbionts. *Trends in Microbiology*, **2016**, 24, 63-75	12.4	173
138	Endemic Mimosa species from Mexico prefer alphaproteobacterial rhizobial symbionts. *New Phytologist*, **2016**, 209, 319-33	9.8	55
137	Bacteria Are Smartphones and Mobile Genes Are Apps. *Trends in Microbiology*, **2016**, 24, 931-932	12.4	23
136	Genome diversity in arbuscular mycorrhizal fungi. *Current Opinion in Plant Biology*, **2015**, 26, 113-9	9.9	23
135	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	2.2	41
134	Modafinil in the treatment of idiopathic hypersomnia without long sleep time--a randomized, double-blind, placebo-controlled study. *Journal of Sleep Research*, **2015**, 24, 74-81	5.8	47
133	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	2.2	52
132	Bacterial genospecies that are not ecologically coherent: population genomics of Rhizobium leguminosarum. *Open Biology*, **2015**, 5, 140133	7	93

131	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	2.2	42
130	Rhizobium leguminosarum is the symbiont of lentils in the Middle East and Europe but not in Bangladesh. *FEMS Microbiology Ecology*, **2014**, 87, 64-77	4.3	22
129	Arbuscular mycorrhizal communities associated with maples (Acer spp.) in a common garden are influenced by season and host plant. *Botany*, **2014**, 92, 321-326	1.3	13
128	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	4.5	22
127	Burkholderia sp. induces functional nodules on the South African invasive legume Dipogon lignosus (Phaseoleae) in New Zealand soils. *Microbial Ecology*, **2014**, 68, 542-55	4.4	38
126	Complete Genome sequence of Burkholderia phymatum STM815(T), a broad host range and efficient nitrogen-fixing symbiont of Mimosa species. *Standards in Genomic Sciences*, **2014**, 9, 763-74		36
125	Characterization of arbuscular mycorrhizal fungus communities of Aquilaria crassna and Tectona grandis roots and soils in Thailand plantations. *PLoS ONE*, **2014**, 9, e112591	3.7	11
124	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, 20117-22	11.5	499
123	A typing scheme for the honeybee pathogen Melissococcus plutonius allows detection of disease transmission events and a study of the distribution of variants. *Environmental Microbiology Reports*, **2013**, 5, 525-9	3.7	26
122	Burkholderia diazotrophica sp. nov., isolated from root nodules of Mimosa spp. *International Journal of Systematic and Evolutionary Microbiology*, **2013**, 63, 435-441	2.2	75
121	An invasive Mimosa in India does not adopt the symbionts of its native relatives. *Annals of Botany*, **2013**, 112, 179-96	4.1	70
120	Effect of rice cultivation systems on indigenous arbuscular mycorrhizal fungal community structure. *Microbes and Environments*, **2013**, 28, 316-24	2.6	39
119	Genetic and genomic glimpses of the elusive arbuscular mycorrhizal fungi. *Current Opinion in Plant Biology*, **2012**, 15, 454-61	9.9	29
118	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	9.8	87
117	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	2.2	67
116	Multilocus sequence analysis reveals multiple symbiovars within Mesorhizobium species. *Systematic and Applied Microbiology*, **2012**, 35, 359-67	4.2	48
115	The transcriptome of the arbuscular mycorrhizal fungus Glomus intraradices (DAOM 197198) reveals functional tradeoffs in an obligate symbiont. *New Phytologist*, **2012**, 193, 755-769	9.8	262
114	A molecular guide to the taxonomy of arbuscular mycorrhizal fungi. *New Phytologist*, **2012**, 193, 823-826	9.8	20

113	A genetic discontinuity in root-nodulating bacteria of cultivated pea in the Indian trans-Himalayas. *Molecular Ecology*, **2012**, 21, 145-59	5.7	32
112	T-RFLP analysis of bacterial communities in the midguts of Apis mellifera and Apis cerana honey bees in Thailand. *FEMS Microbiology Ecology*, **2012**, 79, 273-81	4.3	43
111	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	3.7	17
110	Mesorhizobium camelthorni sp. nov., isolated from Alhagi sparsifolia. *International Journal of Systematic and Evolutionary Microbiology*, **2011**, 61, 574-579	2.2	31
109	Population genomics of Sinorhizobium medicae based on low-coverage sequencing of sympatric isolates. *ISME Journal*, **2011**, 5, 1722-34	11.9	37
108	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	4.2	70
107	Legume-nodulating betaproteobacteria: diversity, host range, and future prospects. *Molecular Plant-Microbe Interactions*, **2011**, 24, 1276-88	3.6	269
106	Molecular Microprograms. *Lecture Notes in Computer Science*, **2011**, 297-304	0.9	2
105	Nodulation and nitrogen fixation by Mimosa spp. in the Cerrado and Caatinga biomes of Brazil. *New Phytologist*, **2010**, 186, 934-946	9.8	133
104	Population mixing of Rhizobium leguminosarum bv. viciae nodulating Vicia faba: the role of recombination and lateral gene transfer. *FEMS Microbiology Ecology*, **2010**, 73, 563-76	4.3	62
103	Burkholderia species are ancient symbionts of legumes. *Molecular Ecology*, **2010**, 19, 44-52	5.7	185
102	Mesorhizobium alhagi sp. nov., isolated from wild Alhagi sparsifolia in north-western China. *International Journal of Systematic and Evolutionary Microbiology*, **2010**, 60, 958-962	2.2	45
101	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, 6504-13	4.8	24
100	Introducing the bacterial Schromid: not a chromosome, not a plasmid. *Trends in Microbiology*, **2010**, 18, 141-8	12.4	249
99	Phylogeny of bethylid wasps (Hymenoptera: Bethylidae) inferred from 28S and 16S rRNA genes. *Insect Systematics and Evolution*, **2010**, 41, 55-73	0.6	28
98	Gene regulation in a particle metabolome **2009**,		1
97	A new clade of Mesorhizobium nodulating Alhagi sparsifolia. *Systematic and Applied Microbiology*, **2009**, 32, 8-16	4.2	14
96	The NfeD protein family and its conserved gene neighbours throughout prokaryotes: functional implications for stomatin-like proteins. *Journal of Molecular Evolution*, **2009**, 69, 657-67	3.1	10

95	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, 320-8	4.3	53
94	Burkholderia spp. are the most competitive symbionts of Mimosa, particularly under N-limited conditions. *Environmental Microbiology*, **2009**, 11, 762-78	5.2	107
93	Nodulation of Sesbania species by Rhizobium (Agrobacterium) strain IRBG74 and other rhizobia. *Environmental Microbiology*, **2009**, 11, 2510-25	5.2	81
92	Kissing cousins: mycorrhizal fungi get together. *New Phytologist*, **2009**, 181, 751-753	9.8	10
91	The mitochondrial genome sequence of the arbuscular mycorrhizal fungus Glomus intraradices isolate 494 and implications for the phylogenetic placement of Glomus. *New Phytologist*, **2009**, 183, 200-211	9.8	82
90	The genetic diversity of intraterrestrial aliens. *New Phytologist*, **2008**, 178, 465-8	9.8	14
89	Relationship between assemblages of mycorrhizal fungi and bacteria on grass roots. *Environmental Microbiology*, **2008**, 10, 534-41	5.2	73
88	Slipins: ancient origin, duplication and diversification of the stomatin protein family. *BMC Evolutionary Biology*, **2008**, 8, 44	3	33
87	Real-time PCR and microscopy: are the two methods measuring the same unit of arbuscular mycorrhizal fungal abundance?. *Fungal Genetics and Biology*, **2008**, 45, 581-96	3.9	67
86	dnaJ is a useful phylogenetic marker for alphaproteobacteria. *International Journal of Systematic and Evolutionary Microbiology*, **2008**, 58, 2839-49	2.2	33
85	Burkholderia sabiae sp. nov., isolated from root nodules of Mimosa caesalpiniifolia. *International Journal of Systematic and Evolutionary Microbiology*, **2008**, 58, 2174-9	2.2	94
84	Improved PCR primers for the detection and identification of arbuscular mycorrhizal fungi. *FEMS Microbiology Ecology*, **2008**, 65, 339-49	4.3	463
83	Chickpea rhizobia symbiosis genes are highly conserved across multiple Mesorhizobium species. *FEMS Microbiology Ecology*, **2008**, 66, 391-400	4.3	63
82	A common genomic framework for a diverse assembly of plasmids in the symbiotic nitrogen fixing bacteria. *PLoS ONE*, **2008**, 3, e2567	3.7	57
81	Nodulation of Cyclopia spp. (Leguminosae, Papilionoideae) by Burkholderia tuberum. *Annals of Botany*, **2007**, 100, 1403-11	4.1	131
80	The role of ecological theory in microbial ecology. *Nature Reviews Microbiology*, **2007**, 5, 384-92	22.2	643
79	Specificity and resilience in the arbuscular mycorrhizal fungi of a natural woodland community. *Journal of Ecology*, **2007**, 95, 623-630	6	124
78	Diversity and persistence of arbuscular mycorrhizas in a low-Arctic meadow habitat. *New Phytologist*, **2007**, 176, 691-698	9.8	22

77	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, 16970-5	11.5	177
76	PLAZZMID: An Evolutionary Agent-Based Architecture Inspired by Bacteria and Bees **2007**, 1151-1160		3
75	Azorhizobium doebereinerae sp. Nov. Microsymbiont of Sesbania virgata (Caz.) Pers. *Systematic and Applied Microbiology*, **2006**, 29, 197-206	4.2	51
74	The genome of Rhizobium leguminosarum has recognizable core and accessory components. *Genome Biology*, **2006**, 7, R34	18.3	421
73	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, 136-43	2.9	14
72	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	2.8	7
71	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, 7461-71	4.8	139
70	Novel Mimosa-Nodulating Strains of Burkholderia from South America. *Current Plant Science and Biotechnology in Agriculture*, **2005**, 391-393		
69	Acquisition of an Agrobacterium Ri plasmid and pathogenicity by other alpha-Proteobacteria in cucumber and tomato crops affected by root mat. *Applied and Environmental Microbiology*, **2004**, 70, 2779-85	4.8	20
68	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	2.2	71
67	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	11.4	113
66	Diversity and specificity of Rhizobium leguminosarum biovar viciae on wild and cultivated legumes. *Molecular Ecology*, **2004**, 13, 2435-44	5.7	141
65	Plant communities affect arbuscular mycorrhizal fungal diversity and community composition in grassland microcosms. *New Phytologist*, **2004**, 161, 503-515	9.8	287
64	High diversity of chickpea Mesorhizobium species isolated in a Portuguese agricultural region. *FEMS Microbiology Ecology*, **2004**, 48, 101-7	4.3	50
63	Molecular diversity of Frankia in root nodules of Alnus incana grown with inoculum from polluted urban soils. *FEMS Microbiology Ecology*, **2004**, 50, 255-63	4.3	20
62	Nonlegumes, legumes, and root nodules harbor different arbuscular mycorrhizal fungal communities. *Applied and Environmental Microbiology*, **2004**, 70, 6240-6	4.8	215
61	Rhizobium etli is the dominant common bean nodulating rhizobia in cultivated soils from different locations in Jordan. *Applied Soil Ecology*, **2004**, 26, 193-200	5	20
60	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	7.5	25

59	Phylogeny of the Glomerales and Diversisporales (fungi: Glomeromycota) from actin and elongation factor 1-alpha sequences. *FEMS Microbiology Letters*, **2003**, 229, 127-32	2.9	68
58	Identification of roots from grass swards using PCR-RFLP and FFLP of the plastid trnL (UAA) intron. *BMC Ecology*, **2003**, 3, 8	2.7	55
57	Co-existing grass species have distinctive arbuscular mycorrhizal communities. *Molecular Ecology*, **2003**, 12, 3085-95	5.7	353
56	Symbiotic and genetic diversity of Rhizobium galegae isolates collected from the Galega orientalis gene center in the Caucasus. *Applied and Environmental Microbiology*, **2003**, 69, 1067-74	4.8	35
55	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	6	362
54	Arbuscular mycorrhizal community composition associated with two plant species in a grassland ecosystem. *Molecular Ecology*, **2002**, 11, 1555-64	5.7	350
53	Molecular diversity of arbuscular mycorrhizal fungi and patterns of host association over time and space in a tropical forest. *Molecular Ecology*, **2002**, 11, 2669-78	5.7	296
52	Temporal variation in the arbuscular mycorrhizal communities colonising seedlings in a tropical forest. *FEMS Microbiology Ecology*, **2002**, 42, 131-6	4.3	99
51	Identification and analysis of rhizobial plasmid origins of transfer. *FEMS Microbiology Ecology*, **2002**, 42, 227-34	4.3	11
50	Diversity of Sinorhizobium meliloti from the Central Asian Alfalfa Gene Center. *Applied and Environmental Microbiology*, **2002**, 68, 4694-7	4.8	44
49	Extensive fungal diversity in plant roots. *Science*, **2002**, 295, 2051	33.3	319
48	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	7.5	71
47	What does a bacterial genome sequence represent? Mis-assignment of MAFF 303099 to the genospecies Mesorhizobium loti. *Microbiology (United Kingdom)*, **2002**, 148, 3330-3331	2.9	36
46	Direct amplification of nodD from community DNA reveals the genetic diversity of Rhizobium leguminosarum in soil. *Environmental Microbiology*, **2001**, 3, 363-70	5.2	37
45	Molecular diversity of arbuscular mycorrhizal fungi colonising arable crops. *FEMS Microbiology Ecology*, **2001**, 36, 203-209	4.3	398
44	Molecular biology of the Rhizobiaceae. *New Phytologist*, **2001**, 149, 17-17	9.8	
43	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	8.3	54
42	The glutamine synthetases of rhizobia: phylogenetics and evolutionary implications. *Molecular Biology and Evolution*, **2000**, 17, 309-19	8.3	180

41	Sequence diversity of the plasmid replication gene repC in the Rhizobiaceae. *Plasmid*, **2000**, 44, 209-19	3.3	27
40	The common nodulation genes of Astragalus sinicus rhizobia are conserved despite chromosomal diversity. *Applied and Environmental Microbiology*, **2000**, 66, 2988-95	4.8	50
39	Higher diversity of Rhizobium leguminosarum biovar viciae populations in arable soils than in grass soils. *Applied and Environmental Microbiology*, **2000**, 66, 2445-50	4.8	97
38	DNA-based Identification of Goose Species from Two Archaeological Sites in Lincolnshire. *Journal of Archaeological Science*, **2000**, 27, 91-100	2.9	23
37	Molecular diversity of arbuscular mycorrhizal fungi colonising Hyacinthoides non-scripta (bluebell) in a seminatural woodland. *Molecular Ecology*, **1999**, 8, 659-666	5.7	172
36	Ribosomal small subunit sequence variation within spores of an arbuscular mycorrhizal fungus, Scutellospora sp. *Molecular Ecology*, **1999**, 8, 915-21	5.7	93
35	How many fungi does it take to change a plant community?. *Trends in Plant Science*, **1999**, 4, 81-82	13.1	25
34	Characterisation of rhizobia from African acacias and other tropical woody legumes using Biolog and partial 16S rRNA sequencing. *FEMS Microbiology Letters*, **1999**, 170, 111-117	2.9	26
33	Ploughing up the wood-wide web?. *Nature*, **1998**, 394, 431	50.4	732
32	Interactions betweenPseudomonas fluorescensbiocontrol agents andGlomus mosseae, an arbuscular mycorrhizal fungus, within the rhizosphere. *FEMS Microbiology Letters*, **1998**, 166, 297-303	2.9	62
31	The molecular palaeoecology of geese: identification of archaeological goose remains using ancient DNA analysis. *International Journal of Osteoarchaeology*, **1998**, 8, 280-287	1.1	5
30	Biodiversity of rhizobia isolated from a wide range of forest legumes in Brazil. *Molecular Ecology*, **1998**, 7, 889-95	5.7	98
29	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	2.9	42
28	Three phylogenetic groups of nodA and nifH genes in Sinorhizobium and Mesorhizobium isolates from leguminous trees growing in Africa and Latin America. *Applied and Environmental Microbiology* , **1998**, 64, 419-26	4.8	240
27	Quantification of an arbuscular mycorrhizal fungus, Glomus mosseae, within plant roots by competitive polymerase chain reaction. *Mycological Research*, **1997**, 101, 1440-1444		57
26	Substrate induction and glucose repression of maltose utilization by Streptomyces coelicolor A3(2) is controlled by malR, a member of the lacI-galR family of regulatory genes. *Molecular Microbiology*, **1997**, 23, 537-49	4.1	76
25	Diversity and phylogeny of rhizobia. *New Phytologist*, **1996**, 133, 87-94	9.8	244
24	Diversity of the ribosomal internal transcribed spacers within and among isolates of Glomus mosseae and related mycorrhizal fungi. *New Phytologist*, **1996**, 133, 103-111	9.8	150

23	The replicator region of the Rhizobium leguminosarum cryptic plasmid pRL8JI. *FEMS Microbiology Letters*, **1995**, 133, 53-8	2.9	35
22	Diversity of fungal symbionts in arbuscular mycorrhizas from a natural community. *New Phytologist*, **1995**, 130, 259-265	9.8	336
21	The determination of pea leaves, leaflets, and tendrils. *American Journal of Botany*, **1994**, 81, 352-360	2.7	10
20	The determination of pea leaves, leaflets, and tendrils **1994**, 81, 352		7
19	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, 1587-94		148
18	L-System Analysis of Compound Leaf Development in Pisum sativum L. *Annals of Botany*, **1992**, 70, 189-196	4.1	11
17	Modification of Pea Leaf Morphology by 2,3,5-Triiodobenzoic Acid. *Botanical Gazette*, **1991**, 152, 133-138		13
16	Does growth rate determine leaf form in Pisum sativum?. *Canadian Journal of Botany*, **1989**, 67, 2590-2595		7
15	The evolution of specificity in the legume-rhizobium symbiosis. *Trends in Ecology and Evolution*, **1989**, 4, 341-9	10.9	101
14	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	7.5	16
13	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	4.2	20
12	Rhizobium Population Genetics: Enzyme Polymorphism in Rhizobium leguminosarum from Plants and Soil in a Pea Crop. *Applied and Environmental Microbiology*, **1987**, 53, 397-402	4.8	56
11	Morphogenesis of the compound leaf in three genotypes of the pea, Pisum sativum. *Canadian Journal of Botany*, **1986**, 64, 1268-1276		47
10	Linkage of sym-2, the symbiotic specificity locus of Pisum sativum. *Journal of Heredity*, **1985**, 76, 207-208	2.4	9
9	A search for peas (Pisum sativum L.) showing strain specificity for symbiotic Rhizobium leguminosarum. *Heredity*, **1982**, 48, 197-201	3.6	28
8	A distinct class of peas (Pisum sativum L.) from Afghanistan that show strain specificity for symbiotic Rhizobium. *Heredity*, **1982**, 48, 203-210	3.6	29
7	Sib competition can favour sex in two ways. *Journal of Theoretical Biology*, **1981**, 88, 755-6	2.3	75
6	Biochemical characterization of "LAP," a polymorphic aminopeptidase from the blue mussel, Mytilus edulis. *Biochemical Genetics*, **1979**, 17, 305-23	2.4	40

5	Sexual swarms in Daphnia magna, a cyclic parthenogen. *Freshwater Biology*, **1978**, 8, 279-281	3.1	24
4	MAUI-seq: Metabarcoding using amplicons with unique molecular identifiers to improve error correction		2
3	Interactions between Pseudomonas fluorescens biocontrol agents and Glomus mosseae, an arbuscular mycorrhizal fungus, within the rhizosphere		2
2	Amplicons and isolates: Rhizobium diversity in fields under conventional and organic management		2
1	The genomic architecture of introgression among sibling species of bacteria		4