Matthew A Parker

List of Publications by Year
in descending order

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44 papers	1,887 citations	236833 25 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	1323 citing authors

#	Article	IF	Citations
1	Relationships of Bradyrhizobium strains nodulating three Algerian Genista species. Systematic and Applied Microbiology, 2020, 43, 126074.	1.2	4
2	High-quality permanent draft genome sequence of Bradyrhizobium sp. Ai1a-2; a microsymbiont of Andira inermis discovered in Costa Rica. Standards in Genomic Sciences, 2015, 10, 33.	1.5	2
3	High-quality permanent draft genome sequence of the Mimosa asperata - nodulating Cupriavidus sp. strain AMP6. Standards in Genomic Sciences, 2015, 10, 80.	1.5	2
4	High-quality permanent draft genome sequence of Bradyrhizobium sp. Th.b2, a microsymbiont of Amphicarpaea bracteata collected in Johnson City, New York. Standards in Genomic Sciences, 2015, 10, 24.	1.5	2
5	Diversifying selection by Desmodiinae legume species onBradyrhizobiumsymbionts. FEMS Microbiology Ecology, 2015, 91, fiv075.	1.3	6
6	A single sym plasmid type predominates across diverse chromosomal lineages of Cupriavidus nodule symbionts. Systematic and Applied Microbiology, 2015, 38, 417-423.	1.2	11
7	High-quality permanent draft genome sequence of Bradyrhizobium sp. Tv2a.2, a microsymbiont of Tachigali versicolor discovered in Barro Colorado Island of Panama. Standards in Genomic Sciences, 2015, 10, 27.	1.5	5
8	The Spread of Bradyrhizobium Lineages Across Host Legume Clades: from Abarema to Zygia. Microbial Ecology, 2015, 69, 630-640.	1.4	75
9	Disparate origins ofBradyrhizobiumsymbionts for invasive populations ofCytisus scoparius(Leguminosae) in North America. FEMS Microbiology Ecology, 2014, 89, 89-98.	1.3	34
10	Mosaic origins of Bradyrhizobium legume symbionts on the Caribbean island of Guadeloupe. Molecular Phylogenetics and Evolution, 2014, 77, 110-115.	1.2	30
11	Microvirga lupini sp. nov., Microvirga lotononidis sp. nov. and Microvirga zambiensis sp. nov. are alphaproteobacterial root-nodule bacteria that specifically nodulate and fix nitrogen with geographically and taxonomically separate legume hosts. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2579-2588.	0.8	174
12	American origin of Cupriavidus bacteria associated with invasive Mimosa legumes in the Philippines. FEMS Microbiology Ecology, 2012, 80, 747-750.	1.3	36
13	Phylogenetic clustering of Bradyrhizobium symbionts on legumes indigenous to North America. Microbiology (United Kingdom), 2012, 158, 2050-2059.	0.7	29
14	Legumes select symbiosis island sequence variants in Bradyrhizobium. Molecular Ecology, 2012, 21, 1769-1778.	2.0	60
15	Symbiotic Relationships of Legumes and Nodule Bacteria on Barro Colorado Island, Panama: A Review. Microbial Ecology, 2008, 55, 662-672.	1.4	19
16	ORIGINAL ARTICLE: Origins of Bradyrhizobium nodule symbionts from two legume trees in the Philippines. Journal of Biogeography, 2008, 35, 1030-1039.	1.4	18
17	Monophyly of nodA and nifH Genes across Texan and Costa Rican Populations of Cupriavidus Nodule Symbionts. Applied and Environmental Microbiology, 2007, 73, 4686-4690.	1.4	71
18	Novel Alphaproteobacterial Root Nodule Symbiont Associated with Lupinus texensis. Applied and Environmental Microbiology, 2007, 73, 5687-5691.	1.4	37

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19	Nodule Symbiosis of Invasive Mimosa pigra in Australia and in Ancestral Habitats: A Comparative Analysis. Biological Invasions, 2007, 9, 127-138.	1.2	78
20	Growth of an invasive legume is symbiont limited in newly occupied habitats. Diversity and Distributions, 2006, 12, 563-571.	1.9	109
21	Coexistence of Burkholderia , Cupriavidus , and Rhizobium sp. Nodule Bacteria on two Mimosa spp. in Costa Rica. Applied and Environmental Microbiology, 2006, 72, 1198-1206.	1.4	147
22	Diversity and relationships of bradyrhizobia from legumes native to eastern North America. Canadian Journal of Microbiology, 2006, 52, 1148-1157.	0.8	42
23	Prevalence of Burkholderia sp. nodule symbionts on four mimosoid legumes from Barro Colorado Island, Panama. Systematic and Applied Microbiology, 2005, 28, 57-65.	1.2	91
24	rRNA and dnaK relationships of Bradyrhizobium sp. Nodule Bacteria from four Papilionoid legume trees in Costa Rica. Systematic and Applied Microbiology, 2004, 27, 334-342.	1.2	35
25	Comparative phylogeography of Amphicarpaea legumes and their rootâ€nodule symbionts in Japan and North America. Journal of Biogeography, 2004, 31, 425-434.	1.4	25
26	Title is missing!. Plant and Soil, 2003, 254, 263-268.	1.8	9
27	rRNA and nifD phylogeny of Bradyrhizobium from sites across the Pacific Basin. FEMS Microbiology Letters, 2003, 219, 159-165.	0.7	42
28	Bradyrhizobia from Wild Phaseolus , Desmodium , and Macroptilium Species in Northern Mexico. Applied and Environmental Microbiology, 2002, 68, 2044-2048.	1.4	32
29	Contrasting nifD and Ribosomal Gene Relationships Among Mesorhizobium from Lotus oroboides in Northern Mexico. Systematic and Applied Microbiology, 2002, 25, 68-73.	1.2	19
30	Conflicting phylogeographic patterns in rRNA and nifD indicate regionally restricted gene transfer in Bradyrhizobium a aThe GenBank accession numbers for the nifD sequences determined in this work are AF484254â€“AF484287.. Microbiology (United Kingdom), 2002, 148, 2557-2565.	0.7	69
31	Rhizobitoxine production and symbiotic compatibility of Bradyrhizobium from Asian and North American lineages of Amphicarpaea. Canadian Journal of Microbiology, 2001, 47, 889-894.	0.8	17
32	Mutualism as a constraint on invasion success for legumes and rhizobia. Diversity and Distributions, 2001, 7, 125-136.	1.9	124
33	Case of Localized Recombination in 23S rRNA Genes from Divergent Bradyrhizobium Lineages Associated with Neotropical Legumes. Applied and Environmental Microbiology, 2001, 67, 2076-2082.	1.4	23
34	Divergent Bradyrhizobium symbionts on Tachigali versicolor from Barro Colorado Island, Panama. Systematic and Applied Microbiology, 2000, 23, 585-590.	1.2	36
35	Mutualism in Metapopulations of Legumes and Rhizobia. American Naturalist, 1999, 153, S48-S60.	1.0	107
36	Relationships of Bradyrhizobia from the Legumes Apios americana and Desmodium glutinosum. Applied and Environmental Microbiology, 1999, 65, 4914-4920.	1.4	43

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37	Nodulation restrictive genotypes of Glycine and Amphicarpaea: a comparative analysis. Plant and Soil, 1997, 189, 181-188.	1.8	12
38	Nonrandom Genotypic Associations in a Legume-Bradyrhizobium Mutualism. Evolution; International Journal of Organic Evolution, 1996, 50, 146.	1.1	23
39	Cryptic species withinAmphicarpaea bracteata(Leguminosae): evidence from isozymes, morphology, and pathogen specificity. Canadian Journal of Botany, 1996, 74, 1640-1650.	1.2	13
40	DIVERGENCE IN SYMBIOTIC COMPATIBILITY IN A LEGUMEâ€•BRADYRHIZOBIUM MUTUALISM. Evolution; International Journal of Organic Evolution, 1996, 50, 1470-1477.	1.1	76
41	NONRANDOM GENOTYPIC ASSOCIATIONS IN A LEGUMEâ€” BRADYRHIZOBIUM MUTUALISM. Evolution; International Journal of Organic Evolution, 1996, 50, 146-154.	1.1	60
42	Divergence in Symbiotic Compatibility in a Legume-Bradyrhizobium Mutualism. Evolution; International Journal of Organic Evolution, 1996, 50, 1470.	1.1	27
43	Effects of disease resistance genes on Rhizobium symbiosis in an annual legume. Oecologia, 1990, 85, 137-141.	0.9	13
44	Invasional meltdown via horizontal gene transfer of a European symbiosis island variant in North American nodule symbionts of Cytisus scoparius. Biological Invasions, 0, , 1.	1.2	0