Sofie E De Meyer

List of Publications by Year
in descending order

50 papers	3,945 citations	318942 23 h-index	214428 50 g-index

51 all docs	51 docs citations	51 times ranked	3628 citing authors

#	Article	IF	Citations
1	Delineation of Paraburkholderia tuberum sensu stricto and description of Paraburkholderia podalyriae sp. nov. nodulating the South African legume Podalyria calyptrata. Systematic and Applied Microbiology, 2022, 45, 126316.	1.2	5
2	Paraburkholderia youngii sp. nov. and â€˜Paraburkholderia atlanticaâ€™ â€“ Brazilian and Mexican Mimosa-associated rhizobia that were previously known as Paraburkholderia tuberum sv. mimosae. Systematic and Applied Microbiology, 2021, 44, 126152.	1.2	20
3	Soybean seed chemical composition as influenced by Bradyrhizobium inoculation in soils with elevated nickel concentrations. Applied Soil Ecology, 2020, 153, 103576.	2.1	3
4	Soil acidity and nutrient deficiency cause poor legume nodulation in the permanent pasture and mixed farming zones of south-eastern Australia. Crop and Pasture Science, 2019, 70, 1128.	0.7	10
5	Mesorhizobium carmichaelinearum sp. nov., isolated from Carmichaelineae spp. root nodules. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 146-152.	0.8	11
6	Genetic diversity and symbiotic effectiveness of Phaseolus vulgaris-nodulating rhizobia in Kenya. Systematic and Applied Microbiology, 2018, 41, 291-299.	1.2	34
7	Horizontal Transfer of Symbiosis Genes within and Between Rhizobial Genera: Occurrence and Importance. Genes, 2018, 9, 321.	1.0	124
8	Diversity of endemic rhizobia on Christmas Island: Implications for agriculture following phosphate mining. Systematic and Applied Microbiology, 2018, 41, 641-649.	1.2	8
9	Proposed minimal standards for the use of genome data for the taxonomy of prokaryotes. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 461-466.	0.8	2,359
10	Symbiotic and non-symbiotic Paraburkholderia isolated from South African Lebeckia ambigua root nodules and the description of Paraburkholderia fynbosensis sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2607-2614.	0.8	28
11	Bradyrhizobium centrolobii and Bradyrhizobium macuxiense sp. nov. isolated from Centrolobium paraense grown in soil of Amazonia, Brazil. Archives of Microbiology, 2017, 199, 657-664.	1.0	35
12	Genetic diversity and nitrogen fixation of mesorhizobia symbionts of New Zealand endemic Sophora species. New Zealand Journal of Botany, 2017, 55, 466-478.	0.8	11
13	Complete Genome Sequence of Mesorhizobium sophorae ICMP 19535 ^T , a Highly Specific, Nitrogen-Fixing Symbiont of New Zealand Endemic Sophora spp. Genome Announcements, 2017, 5, .	0.8	1
14	Symbiotic Burkholderia Species Show Diverse Arrangements of nif/fix and nod Genes and Lack Typical High-Affinity Cytochrome cbb3 Oxidase Genes. Molecular Plant-Microbe Interactions, 2016, 29, 609-619.	1.4	62
15	Mesorhizobium calcicola sp. nov., Mesorhizobium waitakense sp. nov., Mesorhizobium sophorae sp. nov., Mesorhizobium newzealandense sp. nov. and Mesorhizobium kowhaii sp. nov. isolated from Sophora root nodules. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 786-795.	0.8	49
16	High-quality permanent draft genome sequence of the Parapiptadenia rigida-nodulating Burkholderia sp. strain UYPR1.413. Standards in Genomic Sciences, 2015, 10, 31.	1.5	2
17	High-quality permanent draft genome sequence of the Lebeckia - nodulating Burkholderia dilworthii strain WSM3556T. Standards in Genomic Sciences, 2015, 10, 64.	1.5	1
18	High-quality permanent draft genome sequence of the Lebeckia ambigua-nodulating Burkholderia sp. strain WSM4176. Standards in Genomic Sciences, 2015, 10, 79.	1.5	5

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19	High-quality permanent draft genome sequence of the Parapiptadenia rigida-nodulating Cupriavidus sp. strain UYPR2.512. Standards in Genomic Sciences, 2015, 10, 13.	1.5	6
20	High-quality permanent draft genome sequence of Bradyrhizobium sp. strain WSM1743 - an effective microsymbiont of an Indigofera sp. growing in Australia. Standards in Genomic Sciences, 2015, 10, 87.	1.5	1
21	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
22	High-quality permanent draft genome sequence of Rhizobium leguminosarum bv. viciae strain GB30; an effective microsymbiont of Pisum sativum growing in Poland. Standards in Genomic Sciences, 2015, 10, 36.	1.5	3
23	High-quality permanent draft genome sequence of Rhizobium sullae strain WSM1592; a Hedysarum coronarium microsymbiont from Sassari, Italy. Standards in Genomic Sciences, 2015, 10, 44.	1.5	9
24	A large diversity of non-rhizobial endophytes found in legume root nodules in Flanders (Belgium). Soil Biology and Biochemistry, 2015, 83, 1-11.	4.2	111
25	Diverse novel mesorhizobia nodulate New Zealand native Sophora species. Systematic and Applied Microbiology, 2015, 38, 91-98.	1.2	23
26	Ribosomal protein biomarkers provide root nodule bacterial identification by MALDI-TOF MS. Applied Microbiology and Biotechnology, 2015, 99, 5547-5562.	1.7	47
27	Mesorhizobium waimense sp. nov. isolated from Sophora longicarinata root nodules and Mesorhizobium cantuariense sp. nov. isolated from Sophora microphylla root nodules. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3419-3426.	0.8	35
28	Burkholderia dipogonis sp. nov., isolated from root nodules of Dipogon lignosus in New Zealand and Western Australia. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4716-4723.	0.8	48
29	Burkholderia dilworthii sp. nov., isolated from Lebeckia ambigua root nodules. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1090-1095.	0.8	63
30	Bradyrhizobium neotropicale sp. nov., isolated from effective nodules of Centrolobium paraense. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3950-3957.	0.8	46
31	Bradyrhizobium ingae sp. nov., isolated from effective nodules of Inga laurina grown in Cerrado soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3395-3401.	0.8	38
32	Bradyrhizobium manausense sp. nov., isolated from effective nodules of Vigna unguiculata grown in Brazilian Amazonian rainforest soils. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2358-2363.	0.8	47
33	Novel Burkholderia bacteria isolated from Lebeckia ambigua â€“ A perennial suffrutescent legume of the fynbos. Soil Biology and Biochemistry, 2013, 60, 55-64.	4.2	97
34	Burkholderia rhynchosiae sp. nov., isolated from Rhynchosia ferulifolia root nodules. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3944-3949.	0.8	62
35	Burkholderia sprentiae sp. nov., isolated from Lebeckia ambigua root nodules. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3950-3957.	0.8	75
36	Genome sequence of the clover-nodulating Rhizobium leguminosarum bv. trifolii strain SRDI943.. Standards in Genomic Sciences, 2013, 9, 232-242.	1.5	3

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37	Genome sequence of the Trifolium rueppellianum -nodulating Rhizobium leguminosarum bv. trifolii strain WSM2012.. Standards in Genomic Sciences, 2013, 9, 283-293.	1.5	3
38	Genome sequence of the Listia angolensis microsymbiont Microvirga lotononidis strain WSM3557T. Standards in Genomic Sciences, 2013, 9, 540-550.	1.5	7
39	Genome sequence of the clover-nodulating Rhizobium leguminosarum bv. trifolii strain SRDI565.. Standards in Genomic Sciences, 2013, 9, 220-231.	1.5	4
40	Genome sequence of the clover-nodulating Rhizobium leguminosarum bv. trifolii strain TA1. Standards in Genomic Sciences, 2013, 9, 243-253.	1.5	10
41	Genome sequence of the Ornithopus/Lupinus-nodulating Bradyrhizobium sp. strain WSM471. Standards in Genomic Sciences, 2013, 9, 254-263.	1.5	0
42	Genome sequence of the South American clover-nodulating Rhizobium leguminosarum bv. trifolii strain WSM597. Standards in Genomic Sciences, 2013, 9, 264-272.	1.5	4
43	Genome sequence of the lupin-nodulating Bradyrhizobium sp. strain WSM1417. Standards in Genomic Sciences, 2013, 9, 273-282.	1.5	3
44	Genome sequence of the Lebeckia ambigua-nodulating â€œBurkholderia sprentiaeâ€•strain WSM5005T. Standards in Genomic Sciences, 2013, 9, 385-394.	1.5	9
45	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
46	Multilocus sequence analysis of Bosea species and description of Bosea lupini sp. nov., Bosea lathyri sp. nov. and Bosea robiniae sp. nov., isolated from legumes. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2505-2510.	0.8	75
47	Rhizobium nepotum sp. nov. isolated from tumors on different plant species. Systematic and Applied Microbiology, 2012, 35, 215-220.	1.2	47
48	Genetic diversity of rhizobia associated with alfalfa in Serbian soils. Biology and Fertility of Soils, 2012, 48, 531-545.	2.3	10
49	Tardiphaga robiniae gen. nov., sp. nov., a new genus in the family Bradyrhizobiaceae isolated from Robinia pseudoacacia in Flanders (Belgium). Systematic and Applied Microbiology, 2012, 35, 205-214.	1.2	37
50	Genetic diversity of rhizobia associated with indigenous legumes in different regions of Flanders (Belgium). Soil Biology and Biochemistry, 2011, 43, 2384-2396.	4.2	76