

Sofie E De Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,945
citations

279798

23
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

3395
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Delineation of <i>Paraburkholderia tuberum</i> sensu stricto and description of <i>Paraburkholderia podalyriae</i> sp. nov. nodulating the South African legume <i>Podalyria calyptрата</i> . <i>Systematic and Applied Microbiology</i> , 2022, 45, 126316. | 2.8 | 5 |
| 2 | <i>Paraburkholderia youngii</i> sp. nov. and “ <i>Paraburkholderia atlantica</i> ”™ “ Brazilian and Mexican Mimosa-associated rhizobia that were previously known as <i>Paraburkholderia tuberum</i> sv. <i>mimosae</i> . <i>Systematic and Applied Microbiology</i> , 2021, 44, 126152. | 2.8 | 20 |
| 3 | Soybean seed chemical composition as influenced by <i>Bradyrhizobium</i> inoculation in soils with elevated nickel concentrations. <i>Applied Soil Ecology</i> , 2020, 153, 103576. | 4.3 | 3 |
| 4 | Soil acidity and nutrient deficiency cause poor legume nodulation in the permanent pasture and mixed farming zones of south-eastern Australia. <i>Crop and Pasture Science</i> , 2019, 70, 1128. | 1.5 | 10 |
| 5 | <i>Mesorhizobium carmichaelinearum</i> sp. nov., isolated from <i>Carmichaelinae</i> spp. root nodules. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 146-152. | 1.7 | 11 |
| 6 | Genetic diversity and symbiotic effectiveness of <i>Phaseolus vulgaris</i> -nodulating rhizobia in Kenya. <i>Systematic and Applied Microbiology</i> , 2018, 41, 291-299. | 2.8 | 34 |
| 7 | Horizontal Transfer of Symbiosis Genes within and Between Rhizobial Genera: Occurrence and Importance. <i>Genes</i> , 2018, 9, 321. | 2.4 | 124 |
| 8 | Diversity of endemic rhizobia on Christmas Island: Implications for agriculture following phosphate mining. <i>Systematic and Applied Microbiology</i> , 2018, 41, 641-649. | 2.8 | 8 |
| 9 | Proposed minimal standards for the use of genome data for the taxonomy of prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 461-466. | 1.7 | 2,359 |
| 10 | Symbiotic and non-symbiotic <i>Paraburkholderia</i> isolated from South African <i>Lebeckia ambigua</i> root nodules and the description of <i>Paraburkholderia fynbosensis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2607-2614. | 1.7 | 28 |
| 11 | <i>Bradyrhizobium centrolobii</i> and <i>Bradyrhizobium macuxiense</i> sp. nov. isolated from <i>Centrolobium paraense</i> grown in soil of Amazonia, Brazil. <i>Archives of Microbiology</i> , 2017, 199, 657-664. | 2.2 | 35 |
| 12 | Genetic diversity and nitrogen fixation of mesorhizobia symbionts of New Zealand endemic <i>Sophora</i> species. <i>New Zealand Journal of Botany</i> , 2017, 55, 466-478. | 1.1 | 11 |
| 13 | Complete Genome Sequence of <i>Mesorhizobium sophorae</i> ICMP 19535 ^T , a Highly Specific, Nitrogen-Fixing Symbiont of New Zealand Endemic <i>Sophora</i> spp. <i>Genome Announcements</i> , 2017, 5, . | 0.8 | 1 |
| 14 | Symbiotic <i>Burkholderia</i> Species Show Diverse Arrangements of <i>nif/fix</i> and <i>nod</i> Genes and Lack Typical High-Affinity Cytochrome <i>cbb3</i> Oxidase Genes. <i>Molecular Plant-Microbe Interactions</i> , 2016, 29, 609-619. | 2.6 | 62 |
| 15 | <i>Mesorhizobium calcicola</i> sp. nov., <i>Mesorhizobium waitakense</i> sp. nov., <i>Mesorhizobium sophorae</i> sp. nov., <i>Mesorhizobium newzealandense</i> sp. nov. and <i>Mesorhizobium kowhailii</i> sp. nov. isolated from <i>Sophora</i> root nodules. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 786-795. | 1.7 | 49 |
| 16 | High-quality permanent draft genome sequence of the <i>Parapiptadenia rigida</i> -nodulating <i>Burkholderia</i> sp. strain UYPR1.413. <i>Standards in Genomic Sciences</i> , 2015, 10, 31. | 1.5 | 2 |
| 17 | High-quality permanent draft genome sequence of the <i>Lebeckia</i> - nodulating <i>Burkholderia dilworthii</i> strain WSM3556T. <i>Standards in Genomic Sciences</i> , 2015, 10, 64. | 1.5 | 1 |
| 18 | High-quality permanent draft genome sequence of the <i>Lebeckia ambigua</i> -nodulating <i>Burkholderia</i> sp. strain WSM4176. <i>Standards in Genomic Sciences</i> , 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. | 8.8 | 111 |
| 25 | Diverse novel mesorhizobia nodulate New Zealand native Sophora species. Systematic and Applied Microbiology, 2015, 38, 91-98. | 2.8 | 23 |
| 26 | Ribosomal protein biomarkers provide root nodule bacterial identification by MALDI-TOF MS. Applied Microbiology and Biotechnology, 2015, 99, 5547-5562. | 3.6 | 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. | 1.7 | 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. | 1.7 | 48 |
| 29 | Burkholderia dilworthii sp. nov., isolated from Lebeckia ambigua root nodules. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1090-1095. | 1.7 | 63 |
| 30 | Bradyrhizobium neotropiale sp. nov., isolated from effective nodules of Centrolobium paraense. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3950-3957. | 1.7 | 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. | 1.7 | 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. | 1.7 | 47 |
| 33 | Novel Burkholderia bacteria isolated from Lebeckia ambigua "A perennial suffrutescent legume of the fynbos. Soil Biology and Biochemistry, 2013, 60, 55-64. | 8.8 | 97 |
| 34 | Burkholderia rhynchosiae sp. nov., isolated from Rhynchosia ferulifolia root nodules. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3944-3949. | 1.7 | 62 |
| 35 | Burkholderia spreintiae sp. nov., isolated from Lebeckia ambigua root nodules. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3950-3957. | 1.7 | 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 <i>Trifolium ruppelianum</i> -nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain WSM2012.. <i>Standards in Genomic Sciences</i> , 2013, 9, 283-293. | 1.5 | 3 |
| 38 | Genome sequence of the <i>Listia angolensis</i> microsymbiont <i>Microvirga lotononidis</i> strain WSM3557T. <i>Standards in Genomic Sciences</i> , 2013, 9, 540-550. | 1.5 | 7 |
| 39 | Genome sequence of the clover-nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain SRDI565.. <i>Standards in Genomic Sciences</i> , 2013, 9, 220-231. | 1.5 | 4 |
| 40 | Genome sequence of the clover-nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain TA1. <i>Standards in Genomic Sciences</i> , 2013, 9, 243-253. | 1.5 | 10 |
| 41 | Genome sequence of the <i>Ornithopus/Lupinus</i> -nodulating <i>Bradyrhizobium</i> sp. strain WSM471. <i>Standards in Genomic Sciences</i> , 2013, 9, 254-263. | 1.5 | 0 |
| 42 | Genome sequence of the South American clover-nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain WSM597. <i>Standards in Genomic Sciences</i> , 2013, 9, 264-272. | 1.5 | 4 |
| 43 | Genome sequence of the lupin-nodulating <i>Bradyrhizobium</i> sp. strain WSM1417. <i>Standards in Genomic Sciences</i> , 2013, 9, 273-282. | 1.5 | 3 |
| 44 | Genome sequence of the <i>Lebeckia ambigua</i> -nodulating <i>Burkholderia sprentiae</i> strain WSM5005T. <i>Standards in Genomic Sciences</i> , 2013, 9, 385-394. | 1.5 | 9 |
| 45 | <i>Microvirga lupini</i> sp. nov., <i>Microvirga lotononidis</i> sp. nov. and <i>Microvirga zambiensis</i> sp. nov. are alphaproteobacterial root-nodule bacteria that specifically nodulate and fix nitrogen with geographically and taxonomically separate legume hosts. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2579-2588. | 1.7 | 174 |
| 46 | Multilocus sequence analysis of <i>Bosea</i> species and description of <i>Bosea lupini</i> sp. nov., <i>Bosea lathyri</i> sp. nov. and <i>Bosea robiniae</i> sp. nov., isolated from legumes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2505-2510. | 1.7 | 75 |
| 47 | <i>Rhizobium nepotum</i> sp. nov. isolated from tumors on different plant species. <i>Systematic and Applied Microbiology</i> , 2012, 35, 215-220. | 2.8 | 47 |
| 48 | Genetic diversity of rhizobia associated with alfalfa in Serbian soils. <i>Biology and Fertility of Soils</i> , 2012, 48, 531-545. | 4.3 | 10 |
| 49 | <i>Tardiphaga robiniae</i> gen. nov., sp. nov., a new genus in the family <i>Bradyrhizobiaceae</i> isolated from <i>Robinia pseudoacacia</i> in Flanders (Belgium). <i>Systematic and Applied Microbiology</i> , 2012, 35, 205-214. | 2.8 | 37 |
| 50 | Genetic diversity of rhizobia associated with indigenous legumes in different regions of Flanders (Belgium). <i>Soil Biology and Biochemistry</i> , 2011, 43, 2384-2396. | 8.8 | 76 |