

João F Pothier

List of Publications by Year in descending order

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75
papers

1,790
citations

304368

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h-index

315357

38
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79
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79
docs citations

79
times ranked

2119
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dickeya solani sp. nov., a pectinolytic plant-pathogenic bacterium isolated from potato (Solanum) Tj ETQq1 1 0.784314 rgBT/Overlo | 0.8 | 228 |
| 2 | The <i>Pseudomonas</i> Secondary Metabolite 2,4-Diacetylphloroglucinol Is a Signal Inducing Rhizoplane Expression of <i>Azospirillum</i> Genes Involved in Plant-Growth Promotion. Molecular Plant-Microbe Interactions, 2011, 24, 271-284. | 1.4 | 134 |
| 3 | Physical organization and phylogenetic analysis of acdR as leucine-responsive regulator of the 1-aminocyclopropane-1-carboxylate deaminase gene acdS in phytofriendly Azospirillum lipoferum 4B and other Proteobacteria. FEMS Microbiology Ecology, 2008, 65, 202-219. | 1.3 | 78 |
| 4 | Promoter-trap identification of wheat seed extract-induced genes in the plant-growth-promoting rhizobacterium Azospirillum brasilense Sp245. Microbiology (United Kingdom), 2007, 153, 3608-3622. | 0.7 | 77 |
| 5 | Erwinia amylovora loop-mediated isothermal amplification (LAMP) assay for rapid pathogen detection and on-site diagnosis of fire blight. Journal of Microbiological Methods, 2013, 92, 332-339. | 0.7 | 71 |
| 6 | Type Three Effector Gene Distribution and Sequence Analysis Provide New Insights into the Pathogenicity of Plant-Pathogenic Xanthomonas arboricola. Applied and Environmental Microbiology, 2012, 78, 371-384. | 1.4 | 58 |
| 7 | The role of the antimicrobial compound 2,4-diacetylphloroglucinol in the impact of biocontrol Pseudomonas fluorescens F113 on Azospirillum brasilense phytostimulators. Microbiology (United) Tj ETQq1 1 0.784314 rgBT/Overlo | 0.8 | 52 |
| 8 | Phylogeography and population structure of the biologically invasive phytopathogen <scp><i>Erwinia amylovora</i></scp> inferred using minisatellites. Environmental Microbiology, 2014, 16, 2112-2125. | 1.8 | 49 |
| 9 | A duplex-PCR method for species- and pathovar-level identification and detection of the quarantine plant pathogen Xanthomonas arboricola pv. pruni. Journal of Microbiological Methods, 2011, 86, 16-24. | 0.7 | 48 |
| 10 | Ribosomal protein biomarkers provide root nodule bacterial identification by MALDI-TOF MS. Applied Microbiology and Biotechnology, 2015, 99, 5547-5562. | 1.7 | 47 |
| 11 | Comparative RNA-Seq Analysis of Early-Infected Peach Leaves by the Invasive Phytopathogen Xanthomonas arboricola pv. pruni. PLoS ONE, 2013, 8, e54196. | 1.1 | 46 |
| 12 | Pseudomonas cerasi sp. nov. (non Griffin, 1911) isolated from diseased tissue of cherry. Systematic and Applied Microbiology, 2016, 39, 370-377. | 1.2 | 42 |
| 13 | Duplication of Plasmid-Borne Nitrite Reductase Gene <i>nirK</i> in the Wheat-Associated Plant Growth-Promoting Rhizobacterium <i>Azospirillum brasilense</i> Sp245. Molecular Plant-Microbe Interactions, 2008, 21, 831-842. | 1.4 | 39 |
| 14 | Genomics-informed design of loop-mediated isothermal amplification for detection of phytopathogenic <i>Xanthomonas arboricola</i> pv. <i>pruni</i> at the intraspecific level. Plant Pathology, 2013, 62, 475-484. | 1.2 | 38 |
| 15 | Fire blight disease reactome: RNA-seq transcriptional profile of apple host plant defense responses to Erwinia amylovora pathogen infection. Scientific Reports, 2016, 6, 21600. | 1.6 | 38 |
| 16 | Metagenomic diagnostics for the simultaneous detection of multiple pathogens in human stool specimens from CÔte d'Ivoire: a proof-of-concept study. Infection, Genetics and Evolution, 2016, 40, 389-397. | 1.0 | 34 |
| 17 | Frankia canadensis sp. nov., isolated from root nodules of Alnus incana subspecies rugosa. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3001-3011. | 0.8 | 33 |
| 18 | <i>Xanthomonas arboricola</i> pv. <i>fragariae</i>: what's in a name?. Plant Pathology, 2013, 62, 1123-1131. | 1.2 | 32 |

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|----|--|-----|-----------|
| 19 | The ubiquitous plasmid pXap41 in the invasive phytopathogen <i>Xanthomonas arboricola</i> pv. <i>pruni</i> : complete sequence and comparative genomic analysis. <i>FEMS Microbiology Letters</i> , 2011, 323, 52-60. | 0.7 | 30 |
| 20 | Comparative genomics and pathogenicity potential of members of the <i>Pseudomonas syringae</i> species complex on <i>Prunus</i> spp. <i>BMC Genomics</i> , 2019, 20, 172. | 1.2 | 30 |
| 21 | Evolutionary history of synthesis pathway genes for phloroglucinol and cyanide antimicrobials in plant-associated fluorescent pseudomonads. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 877-890. | 1.2 | 29 |
| 22 | Role of the type VI secretion systems during disease interactions of <i>Erwinia amylovora</i> with its plant host. <i>BMC Genomics</i> , 2017, 18, 628. | 1.2 | 26 |
| 23 | <i>Xanthomonas euroxanthea</i> sp. nov., a new xanthomonad species including pathogenic and non-pathogenic strains of walnut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6024-6031. | 0.8 | 25 |
| 24 | Comparative genomics-informed design of two LAMP assays for detection of the kiwifruit pathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> and discrimination of isolates belonging to the pandemic biovar 3. <i>Plant Pathology</i> , 2017, 66, 140-149. | 1.2 | 24 |
| 25 | Genome-based population structure analysis of the strawberry plant pathogen <i>Xanthomonas fragariae</i> reveals two distinct groups that evolved independently before its species description. <i>Microbial Genomics</i> , 2018, 4, . | 1.0 | 23 |
| 26 | Development of multilocus variable-number tandem repeat analysis (MLVA) for <i>Xanthomonas arboricola</i> pathovars. <i>Journal of Microbiological Methods</i> , 2014, 100, 84-90. | 0.7 | 22 |
| 27 | Trends in Molecular Diagnosis and Diversity Studies for Phytosanitary Regulated <i>Xanthomonas</i> . <i>Microorganisms</i> , 2021, 9, 862. | 1.6 | 22 |
| 28 | Transcriptional profile of <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>W eltevreden</i> during alfalfa sprout colonization. <i>Microbial Biotechnology</i> , 2014, 7, 528-544. | 2.0 | 21 |
| 29 | <i>Xanthomonas hortorum</i> "beyond gardens: Current taxonomy, genomics, and virulence repertoires. <i>Molecular Plant Pathology</i> , 2022, 23, 597-621. | 2.0 | 20 |
| 30 | <i>Xanthomonas arboricola</i> pv. <i>juglandis</i> and pv. <i>corylina</i> : Brothers or distant relatives? Genetic clues, epidemiology, and insights for disease management. <i>Molecular Plant Pathology</i> , 2021, 22, 1481-1499. | 2.0 | 19 |
| 31 | <i>Pararhizobium polonicum</i> sp. nov. isolated from tumors on stone fruit rootstocks. <i>Systematic and Applied Microbiology</i> , 2016, 39, 164-169. | 1.2 | 18 |
| 32 | Subspecies Typing of <i>Streptococcus agalactiae</i> Based on Ribosomal Subunit Protein Mass Variation by MALDI-TOF MS. <i>Frontiers in Microbiology</i> , 2019, 10, 471. | 1.5 | 17 |
| 33 | <i>Bradyrhizobium ivorense</i> sp. nov. as a potential local bioinoculant for <i>Cajanus cajan</i> cultures in Côte d'Ivoire. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1421-1430. | 0.8 | 17 |
| 34 | Mixotrophic Growth Under Micro-Oxic Conditions in the Purple Sulfur Bacterium <i>Thiodictyon syntrophicum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 384. | 1.5 | 16 |
| 35 | Draft Genome Sequence of <i>Chromatium okenii</i> Isolated from the Stratified Alpine Lake Cadagno. <i>Scientific Reports</i> , 2019, 9, 1936. | 1.6 | 16 |
| 36 | <i>Xanthomonas hydrangeae</i> sp. nov., a novel plant pathogen isolated from <i>Hydrangea arborescens</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, . | 0.8 | 15 |

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|----|--|-----|-----------|
| 37 | A diagnostic tool for improved detection of <i>Xanthomonas fragariae</i> using a rapid and highly specific LAMP assay designed with comparative genomics. <i>Plant Pathology</i> , 2017, 66, 1094-1102. | 1.2 | 14 |
| 38 | Identification of a major QTL for <i>Xanthomonas arboricola</i> pv. <i>pruni</i> resistance in apricot. <i>Tree Genetics and Genomes</i> , 2013, 9, 409-421. | 0.6 | 12 |
| 39 | Complete Genome Sequences of Three Isolates of <i>Xanthomonas fragariae</i> , the Bacterium Responsible for Angular Leaf Spots on Strawberry Plants. <i>Genome Announcements</i> , 2017, 5, . | 0.8 | 12 |
| 40 | Complete genome sequence of <i>Thiodictyon syntrophicum</i> sp. nov. strain Cad16T, a photolithoautotrophic purple sulfur bacterium isolated from the alpine meromictic Lake Cadagno. <i>Standards in Genomic Sciences</i> , 2018, 13, 14. | 1.5 | 12 |
| 41 | Complete or High-Quality Draft Genome Sequences of Six <i>Xanthomonas hortorum</i> Strains Sequenced with Short- and Long-Read Technologies. <i>Microbiology Resource Announcements</i> , 2020, 9, . | 0.3 | 12 |
| 42 | First report of the quarantine pathogen <i>Xanthomonas arboricola</i> pv. <i>pruni</i> on apricot and plum in Switzerland. <i>Plant Pathology</i> , 2010, 59, 404-404. | 1.2 | 11 |
| 43 | Evaluation of a real-time PCR and a loop-mediated isothermal amplification for detection of <i>Xanthomonas arboricola</i> pv. <i>pruni</i> in plant tissue samples. <i>Journal of Microbiological Methods</i> , 2015, 112, 36-39. | 0.7 | 11 |
| 44 | Host-Pathogen Interactions between <i>Xanthomonas fragariae</i> and Its Host <i>Fragaria ananassa</i> Investigated with a Dual RNA-Seq Analysis. <i>Microorganisms</i> , 2020, 8, 1253. | 1.6 | 11 |
| 45 | Complete Genome Sequences of <i>Erwinia amylovora</i> Phages vB_EamP-S2 and vB_EamM-Bue1. <i>Microbiology Resource Announcements</i> , 2018, 7, . | 0.3 | 10 |
| 46 | Comparative Genomics of <i>Xanthomonas euroxanthea</i> and <i>Xanthomonas arboricola</i> pv. <i>juglandis</i> Strains Isolated from a Single Walnut Host Tree. <i>Microorganisms</i> , 2021, 9, 624. | 1.6 | 10 |
| 47 | Construction of a <i>recA</i> mutant of <i>Azospirillum lipoferum</i> and involvement of <i>recA</i> in phase variation. <i>FEMS Microbiology Letters</i> , 2004, 236, 291-299. | 0.7 | 9 |
| 48 | Construction of a <i>recA</i> mutant of <i>Azospirillum lipoferum</i> and involvement of <i>recA</i> in phase variation*1. <i>FEMS Microbiology Letters</i> , 2004, 236, 291-299. | 0.7 | 9 |
| 49 | Draft Genome Sequences of Seven <i>Streptococcus agalactiae</i> Strains Isolated from <i>Camelus dromedarius</i> at the Horn of Africa. <i>Genome Announcements</i> , 2017, 5, . | 0.8 | 8 |
| 50 | Comparative genomics of <i>Xanthomonas fragariae</i> and <i>Xanthomonas arboricola</i> pv. <i>fragariae</i> reveals intra- and interspecies variations. <i>Phytopathology Research</i> , 2020, 2, . | 0.9 | 8 |
| 51 | Taxonomic Refinement of <i>Xanthomonas arboricola</i> . <i>Phytopathology</i> , 2022, 112, 1630-1639. | 1.1 | 8 |
| 52 | High-Quality Draft Genome Sequence of <i>Xanthomonas</i> sp. Strain CPBF 424, a Walnut-Pathogenic Strain with Atypical Features. <i>Microbiology Resource Announcements</i> , 2018, 7, . | 0.3 | 7 |
| 53 | Transcriptome analysis of <i>Xanthomonas fragariae</i> in strawberry leaves. <i>Scientific Reports</i> , 2020, 10, 20582. | 1.6 | 7 |
| 54 | Development and evaluation of a bioinformatics approach for designing molecular assays for viral detection. <i>PLoS ONE</i> , 2017, 12, e0178195. | 1.1 | 6 |

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|----|--|-----|-----------|
| 55 | High-Quality Draft Genome Sequences of Five <i>Xanthomonas arboricola</i> pv. <i>fragariae</i> Isolates. <i>Genome Announcements</i> , 2018, 6, . | 0.8 | 6 |
| 56 | Isolation and Identification of Actinomycetes Strains from Switzerland and their Biotechnological Potential. <i>Chimia</i> , 2020, 74, 382. | 0.3 | 6 |
| 57 | Integrating science on <i>Xanthomonadaceae</i> for sustainable plant disease management in Europe. <i>Molecular Plant Pathology</i> , 2021, 22, 1461-1463. | 2.0 | 6 |
| 58 | Complete Genome Sequence of <i>Pseudomonas viridiflava</i> CFBP 1590, Isolated from Diseased Cherry in France. <i>Genome Announcements</i> , 2017, 5, . | 0.8 | 5 |
| 59 | High-Quality Draft Genome Sequence of <i>Xanthomonas arboricola</i> pv. <i>juglandis</i> CPBF 1521, Isolated from Leaves of a Symptomatic Walnut Tree in Portugal without a Past of Phytosanitary Treatment. <i>Microbiology Resource Announcements</i> , 2018, 7, . | 0.3 | 5 |
| 60 | High-Quality Draft Genome Sequence of <i>Pseudomonas wadenswilerensis</i> CCOS 864 T. <i>Microbiology Resource Announcements</i> , 2018, 7, . | 0.3 | 5 |
| 61 | Updated Genome Sequence and Annotation for the Full Genome of <i>Pseudomonas protegens</i> CHA0. <i>Microbiology Resource Announcements</i> , 2019, 8, . | 0.3 | 5 |
| 62 | Complete Genome Sequence of the Cyanogenic Phosphate-Solubilizing <i>Pseudomonas</i> sp. Strain CCOS 191, a Close Relative of <i>Pseudomonas mosselii</i> . <i>Genome Announcements</i> , 2015, 3, . | 0.8 | 4 |
| 63 | First report of bacterial leaf spot of <i>Hydrangea</i> in retail nurseries in Belgium caused by strains assigned to a new <i>Xanthomonas hortorum</i> clade. <i>New Disease Reports</i> , 2021, 43, e12008. | 0.4 | 4 |
| 64 | Complete Genome and Plasmid Sequence Data of Three Strains of <i>Xanthomonas arboricola</i> pv. <i>corylina</i> , the Bacterium Responsible for Bacterial Blight of Hazelnut. <i>Phytopathology</i> , 2022, 112, 956-960. | 1.1 | 4 |
| 65 | Bacterial diseases.. , 2017, , 365-385. | | 4 |
| 66 | Comparative Genomic Analysis of the Biotechnological Potential of the Novel Species <i>Pseudomonas wadenswilerensis</i> CCOS 864T and <i>Pseudomonas reidholzensis</i> CCOS 865T. <i>Diversity</i> , 2019, 11, 204. | 0.7 | 3 |
| 67 | Qualitative microbiome profiling along a wastewater system in Kampala, Uganda. <i>Scientific Reports</i> , 2019, 9, 17334. | 1.6 | 3 |
| 68 | Differentiation of the <i>Xanthomonas hortorum</i> “ <i>Xanthomonas hydrangeae</i> Species Complex Using Sensitive and Selective LAMP Assays. <i>Frontiers in Agronomy</i> , 2022, 4, . | 1.5 | 3 |
| 69 | High-Quality Draft Genome Sequence of <i>Pseudomonas reidholzensis</i> Strain CCOS 865 T. <i>Microbiology Resource Announcements</i> , 2019, 8, . | 0.3 | 2 |
| 70 | Diversity and host range of <i>Pseudomonas</i> in fruit tree species in Latvia. <i>Acta Horticulturae</i> , 2016, , 25-30. | 0.1 | 1 |
| 71 | Characterization and genetic diversity of causal agent of stone fruit bacterial canker <i>Pseudomonas cerasi</i> , a new pathogen of cherry. <i>Acta Horticulturae</i> , 2016, , 9-14. | 0.1 | 1 |
| 72 | Typing Plasmids with Distributed Sequence Representation. <i>Lecture Notes in Computer Science</i> , 2020, , 200-210. | 1.0 | 1 |

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|----|---|-----|-----------|
| 73 | Complete Genome Sequence Data of Two <i>Xanthomonas arboricola</i> Strains Isolated from Blueberry Plants Displaying Bacterial Leaf Blight in Poland. <i>Phytopathology</i> , 2022, 112, 1814-1818. | 1.1 | 1 |
| 74 | DNA Markers for Detection and Genotyping of <i>Xanthomonas euroxanthea</i> . <i>Microorganisms</i> , 2022, 10, 1078. | 1.6 | 1 |
| 75 | Comparative Genomics of Prunus-Associated Members of the <i>Pseudomonas syringae</i> Species Complex Reveals Traits Supporting Co-evolution and Host Adaptation. <i>Frontiers in Microbiology</i> , 2022, 13, 804681. | 1.5 | 0 |