

C Korsi Dumenyo

List of Publications by Year in descending order

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28
papers

1,227
citations

567281

15
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580821

25
g-index

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all docs

30
docs citations

30
times ranked

897
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inactivation of <i>rsmA</i> leads to overproduction of extracellular pectinases, cellulases, and proteases in <i>Erwinia carotovora</i> subsp. <i>carotovora</i> in the absence of the starvation/cell density-sensing signal, N-(3-oxohexanoyl)-L-homoserine lactone. <i>Applied and Environmental Microbiology</i> , 1995, 61, 1959-1967. | 3.1 | 255 |
| 2 | Identification of a global repressor gene, <i>rsmA</i> , of <i>Erwinia carotovora</i> subsp. <i>carotovora</i> that controls extracellular enzymes, N-(3-oxohexanoyl)-L-homoserine lactone, and pathogenicity in soft-rotting <i>Erwinia</i> spp. <i>Journal of Bacteriology</i> , 1995, 177, 5108-5115. | 2.2 | 218 |
| 3 | Global regulation in <i>Erwinia</i> species by <i>Erwinia carotovora rsmA</i> , a homologue of <i>Escherichia coli csrA</i> : repression of secondary metabolites, pathogenicity and hypersensitive reaction. <i>Microbiology (United Kingdom)</i> , 1996, 142, 427-434. | 1.8 | 102 |
| 4 | The <i>RsmA</i> Mutants of <i>Erwinia carotovora</i> subsp. <i>carotovora</i> Strain Ecc71 Overexpress <i>hrpN</i> and Elicit a Hypersensitive Reaction-like Response in Tobacco Leaves. <i>Molecular Plant-Microbe Interactions</i> , 1996, 9, 565. | 2.6 | 80 |
| 5 | The Exopolysaccharide of <i>Xylella fastidiosa</i> Is Essential for Biofilm Formation, Plant Virulence, and Vector Transmission. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 1044-1053. | 2.6 | 62 |
| 6 | Title is missing!. <i>European Journal of Plant Pathology</i> , 1998, 104, 569-582. | 1.7 | 61 |
| 7 | Differentiation of Strains of <i>Xylella fastidiosa</i> Infecting Grape, Almonds, and Oleander Using a Multiprimer PCR Assay. <i>Plant Disease</i> , 2006, 90, 1382-1388. | 1.4 | 60 |
| 8 | <i>rsmC</i> of the Soft-Rotting Bacterium <i>Erwinia carotovora</i> subsp. <i>carotovora</i> Negatively Controls Extracellular Enzyme and Harpin Ecc Production and Virulence by Modulating Levels of Regulatory RNA (<i>rsmB</i>) and RNA-Binding Protein (<i>RsmA</i>). <i>Journal of Bacteriology</i> , 1999, 181, 6042-6052. | 2.2 | 60 |
| 9 | Plant Hosts of <i>Xylella fastidiosa</i> In and Near Southern California Vineyards. <i>Plant Disease</i> , 2004, 88, 1255-1261. | 1.4 | 59 |
| 10 | Molecular Characterization of Global Regulatory RNA Species That Control Pathogenicity Factors in <i>Erwinia amylovora</i> and <i>Erwinia herbicola</i> pv. <i>gypsophila</i> . <i>Journal of Bacteriology</i> , 2001, 183, 1870-1880. | 2.2 | 43 |
| 11 | The Gene Encoding NAD-Dependent Epimerase/Dehydratase, <i>wcaG</i> , Affects Cell Surface Properties, Virulence, and Extracellular Enzyme Production in the Soft Rot Phytopathogen, <i>Pectobacterium carotovorum</i> . <i>Microorganisms</i> , 2019, 7, 172. | 3.6 | 43 |
| 12 | Characterization of Regulatory Pathways in <i>Xylella fastidiosa</i> : Genes and Phenotypes Controlled by <i>gacA</i> . <i>Applied and Environmental Microbiology</i> , 2009, 75, 2275-2283. | 3.1 | 39 |
| 13 | Characterization of Regulatory Pathways in <i>Xylella fastidiosa</i> : Genes and Phenotypes Controlled by <i>algU</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 6748-6756. | 3.1 | 25 |
| 14 | <i>CorA</i> , the magnesium/nickel/cobalt transporter, affects virulence and extracellular enzyme production in the soft rot pathogen <i>Pectobacterium carotovorum</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 58-71. | 4.2 | 22 |
| 15 | Effect of Host Plant Xylem Fluid on Growth, Aggregation, and Attachment of <i>Xylella fastidiosa</i> . <i>Journal of Chemical Ecology</i> , 2007, 33, 493-500. | 1.8 | 17 |
| 16 | The Bacterial Soft Rot Pathogens, <i>Pectobacterium carotovorum</i> and <i>P. atrosepticum</i> , Respond to Different Classes of Virulence-Inducing Host Chemical Signals. <i>Horticulturae</i> , 2020, 6, 13. | 2.8 | 15 |
| 17 | Antibacterial Properties of Citric Acid/Al ³⁺ -Alanine Carbon Dots against Gram-Negative Bacteria. <i>Nanomaterials</i> , 2021, 11, 2012. | 4.1 | 15 |
| 18 | Plant regeneration of sweetpotato (<i>Ipomoea batatas</i> L.) from leaf explants in vitro using a two-stage protocol. <i>Scientia Horticulturae</i> , 1995, 62, 217-224. | 3.6 | 14 |

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|----|---|-----|-----------|
| 19 | From rags to riches: insights from the first genomic sequence of a plant pathogenic bacterium. <i>Genome Biology</i> , 2000, 1, reviews1019.1. | 9.6 | 10 |
| 20 | Development of PCR-Based Detection System for Soft Rot Pectobacteriaceae Pathogens Using Molecular Signatures. <i>Microorganisms</i> , 2020, 8, 358. | 3.6 | 10 |
| 21 | Modified inoculation and disease assessment methods reveal host specificity in <i>Erwinia tracheiphila</i> -Cucurbitaceae interactions. <i>Microbial Pathogenesis</i> , 2015, 89, 184-187. | 2.9 | 5 |
| 22 | A mini-Tn5-derived transposon with reportable and selectable markers enables rapid generation and screening of insertional mutants in Gram-negative bacteria. <i>Letters in Applied Microbiology</i> , 2021, 72, 283-291. | 2.2 | 5 |
| 23 | Characterization of the incompatible interaction between <i>Erwinia tracheiphila</i> and non-host tobacco (<i>Nicotiana tabacum</i>). <i>Physiological and Molecular Plant Pathology</i> , 2016, 96, 85-93. | 2.5 | 2 |
| 24 | Genotypic analysis of <i>Xylella fastidiosa</i> isolates from different hosts using sequences homologous to the <i>Xanthomonas rpf</i> genes. <i>Molecular Plant Pathology</i> , 2003, 4, 327-335. | 4.2 | 1 |
| 25 | Identification of Bacterial Wilt (<i>Erwinia tracheiphila</i>) Resistances in USDA Melon Collection. <i>Plants</i> , 2021, 10, 1972. | 3.5 | 1 |
| 26 | CorA, the magnesium/nickel/cobalt transporter, affects virulence and extracellular enzyme production in the soft rot pathogen <i>Pectobacterium carotovorum</i> . <i>Molecular Plant Pathology</i> , 2012, 13, 327-327. | 4.2 | 0 |
| 27 | Transposon insertion upstream of a putative sodium/sulphate symporter is associated with hypervirulence in the soft rot bacterium, <i>Pectobacterium carotovorum</i> . <i>Journal of Phytopathology</i> , 2018, 166, 365-371. | 1.0 | 0 |
| 28 | Abstract C60: Exposure of low doses of quercetin on DNA oxidation in <i>Pectobacterium carotovorum</i> KD 100 and <i>Agrobacterium tumefaciens</i> GV 3103. , 2013, , . | | 0 |