

# C Korsi Dumenyo

## List of Publications by Year in descending order

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28  
papers

1,227  
citations

567281

15  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

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times ranked

897  
citing authors

#	ARTICLE	IF	CITATIONS
1	A mini- $\lambda$ -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
2	Antibacterial Properties of Citric Acid/ $\beta$ -Alanine Carbon Dots against Gram-Negative Bacteria. <i>Nanomaterials</i> , 2021, 11, 2012.	4.1	15
3	Identification of Bacterial Wilt ( <i>Erwinia tracheiphila</i> ) Resistances in USDA Melon Collection. <i>Plants</i> , 2021, 10, 1972.	3.5	1
4	Development of PCR-Based Detection System for Soft Rot Pectobacteriaceae Pathogens Using Molecular Signatures. <i>Microorganisms</i> , 2020, 8, 358.	3.6	10
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	<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
13	<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, 327-327.	4.2	0
14	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
15	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
16	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
17	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
18	Plant Hosts of <i>Xylella fastidiosa</i> In and Near Southern California Vineyards. <i>Plant Disease</i> , 2004, 88, 1255-1261.	1.4	59

#	ARTICLE	IF	CITATIONS
19	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
20	Molecular Characterization of Global Regulatory RNA Species That Control Pathogenicity Factors in <i>Erwinia amylovora</i> and <i>Erwinia herbicola</i> pv. <i>gypsophilae</i> . <i>Journal of Bacteriology</i> , 2001, 183, 1870-1880.	2.2	43
21	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
22	rsmC 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 ( rsmB ) and RNA-Binding Protein (RsmA). <i>Journal of Bacteriology</i> , 1999, 181, 6042-6052.	2.2	60
23	Title is missing!. <i>European Journal of Plant Pathology</i> , 1998, 104, 569-582.	1.7	61
24	Global regulation in <i>Erwinia</i> species by <i>Erwinia carotovora</i> rsmA, a homologue of <i>Escherichia coli</i> csrA: repression of secondary metabolites, pathogenicity and hypersensitive reaction. <i>Microbiology (United Kingdom)</i> , 1996, 142, 427-434.	1.8	102
25	The RsmA <sup>-</sup> 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
26	Identification of a global repressor gene, rsmA, 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
27	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
28	Inactivation of rsmA 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