

Monique Royer

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,247
citations

394421

19
h-index

677142

22
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22
docs citations

22
times ranked

1300
citing authors

#	ARTICLE	IF	CITATIONS
1	Managing Insect Resistance to Plants Producing <i>Bacillus thuringiensis</i> Toxins. <i>Critical Reviews in Biotechnology</i> , 1999, 19, 227-276.	9.0	166
2	Using Ecology, Physiology, and Genomics to Understand Host Specificity in <i>Xanthomonas</i> . <i>Annual Review of Phytopathology</i> , 2016, 54, 163-187.	7.8	157
3	The complete genome sequence of <i>Xanthomonas albilineans</i> provides new insights into the reductive genome evolution of the xylem-limited Xanthomonadaceae. <i>BMC Genomics</i> , 2009, 10, 616.	2.8	142
4	The gyrase inhibitor albicidin consists of p-aminobenzoic acids and cyanoalanine. <i>Nature Chemical Biology</i> , 2015, 11, 195-197.	8.0	126
5	Bt rice harbouring cry genes controlled by a constitutive or wound-inducible promoter: protection and transgene expression under Mediterranean field conditions. <i>Plant Biotechnology Journal</i> , 2004, 2, 417-430.	8.3	90
6	Development of transgenic sorghum for insect resistance against the spotted stem borer (<i>Chilo</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	5.6	88
7	Albicidin Pathotoxin Produced by <i>Xanthomonas albilineans</i> Is Encoded by Three Large PKS and NRPS Genes Present in a Gene Cluster Also Containing Several Putative Modifying, Regulatory, and Resistance Genes. <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 414-427.	2.6	55
8	Total Synthesis of Albicidin: A Lead Structure from <i>Xanthomonas albilineans</i> for Potent Antibacterial Gyrase Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1969-1973.	13.8	55
9	Genomic insights into strategies used by <i>Xanthomonas albilineans</i> with its reduced artillery to spread within sugarcane xylem vessels. <i>BMC Genomics</i> , 2012, 13, 658.	2.8	50
10	Title is missing!. <i>Molecular Breeding</i> , 2001, 7, 259-274.	2.1	38
11	What makes <i>Xanthomonas albilineans</i> unique amongst xanthomonads?. <i>Frontiers in Plant Science</i> , 2015, 6, 289.	3.6	32
12	Identification of New Candidate Pathogenicity Factors in the Xylem-Invading Pathogen <i>Xanthomonas albilineans</i> by Transposon Mutagenesis. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 594-605.	2.6	31
13	<i>Xanthomonas albilineans</i> HtpG is required for biosynthesis of the antibiotic and phytotoxin albicidin. <i>FEMS Microbiology Letters</i> , 2005, 251, 81-89.	1.8	29
14	Total Synthesis and Biological Assessment of Novel Albicidins Discovered by Mass Spectrometric Networking. <i>Chemistry - A European Journal</i> , 2017, 23, 15316-15321.	3.3	29
15	Genomic and Evolutionary Features of the SPI-1 Type III Secretion System That Is Present in <i>Xanthomonas albilineans</i> but Is Not Essential for Xylem Colonization and Symptom Development of Sugarcane Leaf Scald. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 246-259.	2.6	26
16	The Albicidin Resistance Factor AlbD Is a Serine Endopeptidase That Hydrolyzes Unusual Oligoaromatic-Type Peptides. <i>Journal of the American Chemical Society</i> , 2015, 137, 7608-7611.	13.7	26
17	Heterologous Production of Albicidin: a Promising Approach to Overproducing and Characterizing This Potent Inhibitor of DNA Gyrase. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1549-1552.	3.2	24
18	Genome mining reveals the genus <i>Xanthomonas</i> to be a promising reservoir for new bioactive non-ribosomally synthesized peptides. <i>BMC Genomics</i> , 2013, 14, 658.	2.8	21

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19	The O-Carbamoyl-Transferase Alb15 Is Responsible for the Modification of Albicidin. ACS Chemical Biology, 2016, 11, 1198-1204.	3.4	20
20	Full Genome Sequence Analysis of Two Isolates Reveals a Novel Xanthomonas Species Close to the Sugarcane Pathogen Xanthomonas albilineans. Genes, 2015, 6, 714-733.	2.4	19
21	Genetic transformation and evaluation of two sweet sorghum genotypes for resistance to spotted stemborer, Chilo partellus (Swinhoe). Plant Biotechnology Reports, 2016, 10, 277-289.	1.5	14
22	Substrate Specificity-Conferring Regions of the Nonribosomal Peptide Synthetase Adenylation Domains Involved in Albicidin Pathotoxin Biosynthesis Are Highly Conserved within the Species Xanthomonas albilineans. Applied and Environmental Microbiology, 2007, 73, 5523-5530.	3.1	9