Monique Royer

List of Publications by Year
in descending order

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22	1,247	394421 19	677142 22
papers	citations	h-index	g-index

22	22	22	1300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Total Synthesis and Biological Assessment of Novel Albicidins Discovered by Mass Spectrometric Networking. Chemistry - A European Journal, 2017, 23, 15316-15321.	3.3	29
2	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
3	Using Ecology, Physiology, and Genomics to Understand Host Specificity in Xanthomonas. Annual Review of Phytopathology, 2016, 54, 163-187.	7.8	157
4	The O-Carbamoyl-Transferase Alb15 Is Responsible for the Modification of Albicidin. ACS Chemical Biology, 2016, 11, 1198-1204.	3.4	20
5	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
6	What makes Xanthomonas albilineans unique amongst xanthomonads?. Frontiers in Plant Science, 2015, 6, 289.	3.6	32
7	The gyrase inhibitor albicidin consists of p-aminobenzoic acids and cyanoalanine. Nature Chemical Biology, 2015, 11, 195-197.	8.0	126
8	The Albicidin Resistance Factor AlbD Is a Serine Endopeptidase That Hydrolyzes Unusual Oligoaromatic-Type Peptides. Journal of the American Chemical Society, 2015, 137, 7608-7611.	13.7	26
9	Total Synthesis of Albicidin: A Lead Structure from Xanthomonas albilineans for Potent Antibacterial Gyrase Inhibitors. Angewandte Chemie - International Edition, 2015, 54, 1969-1973.	13.8	55
10	Genome mining reveals the genus Xanthomonas to be a promising reservoir for new bioactive non-ribosomally synthesized peptides. BMC Genomics, 2013, 14, 658.	2.8	21
11	Genomic insights into strategies used by Xanthomonas albilineans with its reduced artillery to spread within sugarcane xylem vessels. BMC Genomics, 2012, 13, 658.	2.8	50
12	Identification of New Candidate Pathogenicity Factors in the Xylem-Invading Pathogen Xanthomonas albilineans by Transposon Mutagenesis. Molecular Plant-Microbe Interactions, 2011, 24, 594-605.	2.6	31
13	Genomic and Evolutionary Features of the SPI-1 Type III Secretion System That Is Present in Xanthomonas albilineans but Is Not Essential for Xylem Colonization and Symptom Development of Sugarcane Leaf Scald. Molecular Plant-Microbe Interactions, 2011, 24, 246-259.	2.6	26
14	The complete genome sequence of Xanthomonas albilineans provides new insights into the reductive genome evolution of the xylem-limited Xanthomonadaceae. BMC Genomics, 2009, 10, 616.	2.8	142
15	Heterologous Production of Albicidin: a Promising Approach to Overproducing and Characterizing This Potent Inhibitor of DNA Gyrase. Antimicrobial Agents and Chemotherapy, 2007, 51, 1549-1552.	3.2	24
16	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
17	XanthomonasalbilineansHtpG is required for biosynthesis of the antibiotic and phytotoxin albicidin. FEMS Microbiology Letters, 2005, 251, 81-89.	1.8	29
18	Development of transgenic sorghum for insect resistance against the spotted stem borer (Chilo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	5.6	88

#	Article	IF	Citations
19	Bt rice harbouring cry genes controlled by a constitutive or wound-inducible promoter: protection and transgene expression under Mediterranean field conditions. Plant Biotechnology Journal, 2004, 2, 417-430.	8.3	90
20	Albicidin Pathotoxin Produced by Xanthomonas albilineans Is Encoded by Three Large PKS and NRPS Genes Present in a Gene Cluster Also Containing Several Putative Modifying, Regulatory, and Resistance Genes. Molecular Plant-Microbe Interactions, 2004, 17, 414-427.	2.6	55
21	Title is missing!. Molecular Breeding, 2001, 7, 259-274.	2.1	38
22	Managing Insect Resistance to Plants ProducingBacillus thuringiensisToxins. Critical Reviews in Biotechnology, 1999, 19, 227-276.	9.0	166