

Dominique Robertson

List of Publications by Year in descending order

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40
papers

4,049
citations

236612

25
h-index

344852

36
g-index

41
all docs

41
docs citations

41
times ranked

2905
citing authors

#	ARTICLE	IF	CITATIONS
1	Geminiviruses: masters at redirecting and reprogramming plant processes. <i>Nature Reviews Microbiology</i> , 2013, 11, 777-788.	13.6	601
2	Geminiviruses: Models for Plant DNA Replication, Transcription, and Cell Cycle Regulation. <i>Critical Reviews in Plant Sciences</i> , 1999, 18, 71-106.	2.7	452
3	Four plant Dicers mediate viral small RNA biogenesis and DNA virus induced silencing. <i>Nucleic Acids Research</i> , 2006, 34, 6233-6246.	6.5	434
4	VIGS VECTORS FOR GENE SILENCING: Many Targets, Many Tools. <i>Annual Review of Plant Biology</i> , 2004, 55, 495-519.	8.6	300
5	Geminiviruses: Models for Plant DNA Replication, Transcription, and Cell Cycle Regulation. , 0, .		260
6	Geminivirus-based vectors for gene silencing in Arabidopsis. <i>Plant Journal</i> , 2002, 30, 107-114.	2.8	235
7	Gene silencing from plant DNA carried by a Geminivirus. <i>Plant Journal</i> , 1998, 14, 91-100.	2.8	222
8	Silencing of a meristematic gene using geminivirus-derived vectors. <i>Plant Journal</i> , 2001, 27, 357-366.	2.8	173
9	Reprogramming plant gene expression: a prerequisite to geminivirus DNA replication. <i>Molecular Plant Pathology</i> , 2004, 5, 149-156.	2.0	156
10	Geminivirus VIGS of endogenous genes requires SGS2/SDE1 and SGS3 and defines a new branch in the genetic pathway for silencing in plants. <i>Plant Journal</i> , 2004, 38, 1004-1014.	2.8	130
11	Geminivirus-Mediated Gene Silencing from Cotton Leaf Crumple Virus Is Enhanced by Low Temperature in Cotton. <i>Plant Physiology</i> , 2008, 148, 41-50.	2.3	128
12	The Ca ²⁺ Status of the Endoplasmic Reticulum Is Altered by Induction of Calreticulin Expression in Transgenic Plants. <i>Plant Physiology</i> , 2001, 126, 1092-1104.	2.3	92
13	Proliferating Cell Nuclear Antigen Transcription Is Repressed through an E2F Consensus Element and Activated by Geminivirus Infection in Mature Leaves. <i>Plant Cell</i> , 2001, 13, 1437-1452.	3.1	91
14	Two E2F Elements Regulate the Proliferating Cell Nuclear Antigen Promoter Differently during Leaf Development. <i>Plant Cell</i> , 2002, 14, 3225-3236.	3.1	84
15	Expression of the high capacity calcium-binding domain of calreticulin increases bioavailable calcium stores in plants. <i>Transgenic Research</i> , 2002, 11, 1-10.	1.3	79
16	Genetic transformation of Norway spruce (<i>Picea abies</i> (L.) Karst) using somatic embryo explants by microprojectile bombardment. <i>Plant Molecular Biology</i> , 1992, 19, 925-935.	2.0	70
17	Cotranscription of the wild-type chloroplast <i>atpE</i> gene encoding the CF1/CF0 epsilon subunit with the 3' half of the <i>rps7</i> gene in <i>Chlamydomonas reinhardtii</i> and characterization of frameshift mutations in <i>atpE</i> . <i>Molecular Genetics and Genomics</i> , 1990, 221, 155-163.	2.4	57
18	Host DNA Replication Is Induced by Geminivirus Infection of Differentiated Plant Cells. <i>Plant Cell</i> , 2002, 14, 2995-3007.	3.1	57

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19	An ER-targeted calcium-binding peptide confers salt and drought tolerance mediated by CIPK6 in Arabidopsis. <i>Planta</i> , 2012, 235, 539-552.	1.6	44
20	The effect of temperature on Natural Antisense Transcript (NAT) expression in <i>Aspergillus flavus</i> . <i>Current Genetics</i> , 2008, 54, 241-269.	0.8	41
21	Can simultaneous inhibition of seedling growth and stimulation of rhizosphere bacterial populations provide evidence for phytotoxin transfer from plant residues in the bulk soil to the rhizosphere of sensitive species?. <i>Journal of Chemical Ecology</i> , 2001, 27, 807-829.	0.9	34
22	Geminivirus-induced gene silencing of the tobacco retinoblastoma-related gene results in cell death and altered development. <i>Plant Molecular Biology</i> , 2007, 65, 163-175.	2.0	33
23	Inhibition and recovery of growth processes in roots of <i>Pisum sativum</i> L. Exposed to 60-Hz electric fields. <i>Bioelectromagnetics</i> , 1981, 2, 329-340.	0.9	32
24	Evaluation of peanut (<i>Arachis hypogaea</i> L.) leaflets from mature zygotic embryos as recipient tissue for biolistic gene transfer. <i>Transgenic Research</i> , 1992, 1, 275-284.	1.3	32
25	Method: low-cost delivery of the cotton leaf crumple virus-induced gene silencing system. <i>Plant Methods</i> , 2012, 8, 27.	1.9	28
26	Mapping and expression of a bifunctional thymidylate synthase, dihydrofolate reductase gene from maize. <i>Plant Molecular Biology</i> , 1999, 41, 733-739.	2.0	26
27	60 Hz electric field parameters associated with the perturbation of a eukaryotic cell system. <i>Radiation and Environmental Biophysics</i> , 1980, 18, 289-300.	0.6	24
28	Relationship of 60-Hz electric-field parameters to the inhibition of growth of <i>Pisum sativum</i> roots. <i>Radiation and Environmental Biophysics</i> , 1981, 19, 227-233.	0.6	22
29	A cytohistological analysis of roots whose growth is affected by a 60-Hz electric field. <i>Bioelectromagnetics</i> , 1985, 6, 283-291.	0.9	17
30	Geminivirus Vectors for Transient Gene Silencing in Plants. , 2004, 265, 101-115.		16
31	A VIGS screen identifies immunity in the <i>Arabidopsis</i> accession to viruses in two different genera of the Geminiviridae. <i>Plant Journal</i> , 2017, 92, 796-807.	2.8	16
32	Statistical analysis of root growth rate determinations. <i>Environmental and Experimental Botany</i> , 1980, 20, 389-396.	2.0	11
33	When a Day Makes a Difference. Interpreting Data from Endoplasmic Reticulum-Targeted Green Fluorescent Protein Fusions in Cells Grown in Suspension Culture. <i>Plant Physiology</i> , 2002, 128, 341-344.	2.3	10
34	A new virus-induced gene silencing vector based on Euphorbia mosaic virus-Yucatan peninsula for NPR1 silencing in <i>Nicotiana benthamiana</i> and <i>Capsicum annuum</i> var. Anaheim. <i>Biotechnology Letters</i> , 2013, 35, 811-823.	1.1	10
35	Modulating Plant Calcium for Better Nutrition and Stress Tolerance. <i>ISRN Botany</i> , 2013, 2013, 1-22.	0.8	10
36	Micronuclei formation in <i>Pisum sativum</i> L. root meristem cells exposed to an electric field or β -rays. <i>Environmental and Experimental Botany</i> , 1982, 22, 271-275.	2.0	7

#	ARTICLE	IF	CITATIONS
37	Virus-Induced Gene Silencing of Fiber-Related Genes in Cotton. <i>Methods in Molecular Biology</i> , 2015, 1287, 219-234.	0.4	7
38	Persistent Virus-Induced Gene Silencing in Asymptomatic Accessions of Arabidopsis. <i>Methods in Molecular Biology</i> , 2015, 1284, 305-322.	0.4	3
39	Extending Functional Genomics: VIGS for Model and Crop Plants. , 0, , 227-249.		2
40	Coupling Factor Components: Structure and Function. , 1991, , 225-254.		1