Dominique Robertson

List of Publications by Year
in descending order

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	A VIGS screen identifies immunity in the Arabidopsis Plaâ€1 accession to viruses in two different genera of the Geminiviridae. Plant Journal, 2017, 92, 796-807.	2.8	16
2	Persistent Virus-Induced Gene Silencing in Asymptomatic Accessions of Arabidopsis. Methods in Molecular Biology, 2015, 1284, 305-322.	0.4	3
3	Virus-Induced Gene Silencing of Fiber-Related Genes in Cotton. Methods in Molecular Biology, 2015, 1287, 219-234.	0.4	7
4	Geminiviruses: masters at redirecting and reprogramming plant processes. Nature Reviews Microbiology, 2013, 11, 777-788.	13.6	601
5	A new virus-induced gene silencing vector based on Euphorbia mosaic virus-Yucatan peninsula for NPR1 silencing in Nicotiana benthamiana and Capsicum annuum var. Anaheim. Biotechnology Letters, 2013, 35, 811-823.	1.1	10
6	Modulating Plant Calcium for Better Nutrition and Stress Tolerance. ISRN Botany, 2013, 2013, 1-22.	0.8	10
7	Method: low-cost delivery of the cotton leaf crumple virus-induced gene silencing system. Plant Methods, 2012, 8, 27.	1.9	28
8	An ER-targeted calcium-binding peptide confers salt and drought tolerance mediated by CIPK6 in Arabidopsis. Planta, 2012, 235, 539-552.	1.6	44
9	The effect of temperature on Natural Antisense Transcript (NAT) expression in Aspergillus flavus. Current Genetics, 2008, 54, 241-269.	0.8	41
10	Geminivirus-Mediated Gene Silencing fromCotton Leaf Crumple VirusIs Enhanced by Low Temperature in Cotton Â. Plant Physiology, 2008, 148, 41-50.	2.3	128
11	Geminivirus-induced gene silencing of the tobacco retinoblastoma-related gene results in cell death and altered development. Plant Molecular Biology, 2007, 65, 163-175.	2.0	33
12	Four plant Dicers mediate viral small RNA biogenesis and DNA virus induced silencing. Nucleic Acids Research, 2006, 34, 6233-6246.	6.5	434
13	Geminivirus Vectors for Transient Gene Silencing in Plants. , 2004, 265, 101-115.		16
14	Geminivirus VIGS of endogenous genes requires SGS2/SDE1 and SGS3 and defines a new branch in the genetic pathway for silencing in plants. Plant Journal, 2004, 38, 1004-1014.	2.8	130
15	Reprogramming plant gene expression: a prerequisite to geminivirus DNA replication. Molecular Plant Pathology, 2004, 5, 149-156.	2.0	156
16	VIGS VECTORS FOR GENE SILENCING: Many Targets, Many Tools. Annual Review of Plant Biology, 2004, 55, 495-519.	8.6	300
17	Two E2F Elements Regulate the Proliferating Cell Nuclear Antigen Promoter Differently during Leaf Development. Plant Cell, 2002, 14, 3225-3236.	3.1	84
18	Host DNA Replication Is Induced by Geminivirus Infection of Differentiated Plant Cells. Plant Cell, 2002, 14, 2995-3007.	3.1	57

#	Article	IF	Citations
19	When a Day Makes a Difference. Interpreting Data from Endoplasmic Reticulum-Targeted Green Fluorescent Protein Fusions in Cells Grown in Suspension Culture. Plant Physiology, 2002, 128, 341-344.	2.3	10
20	Geminivirus-based vectors for gene silencing in Arabidopsis. Plant Journal, 2002, 30, 107-114.	2.8	235
21	Expression of the high capacity calcium-binding domain of calreticulin increases bioavailable calcium stores in plants. Transgenic Research, 2002, 11, 1-10.	1.3	79
22	Silencing of a meristematic gene using geminivirus-derived vectors. Plant Journal, 2001, 27, 357-366.	2.8	173
23	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?. Journal of Chemical Ecology, 2001, 27, 807-829.	0.9	34
24	The Ca2+ Status of the Endoplasmic Reticulum Is Altered by Induction of Calreticulin Expression in Transgenic Plants. Plant Physiology, 2001, 126, 1092-1104.	2.3	92
25	Proliferating Cell Nuclear Antigen Transcription Is Repressed through an E2F Consensus Element and Activated by Geminivirus Infection in Mature Leaves. Plant Cell, 2001, 13, 1437-1452.	3.1	91
26	Mapping and expression of a bifunctional thymidylate synthase, dihydrofolate reductase gene from maize. Plant Molecular Biology, 1999, 41, 733-739.	2.0	26
27	Geminiviruses: Models for Plant DNA Replication, Transcription, and Cell Cycle Regulation. Critical Reviews in Plant Sciences, 1999, 18, 71-106.	2.7	452
28	Gene silencing from plant DNA carried by a Geminivirus. Plant Journal, 1998, 14, 91-100.	2.8	222
29	Genetic transformation of Norway spruce (Picea abies (L.) Karst) using somatic embryo explants by microprojectile bombardment. Plant Molecular Biology, 1992, 19, 925-935.	2.0	70
30	Evaluation of peanut (Arachis hypogaea L.) leaflets from mature zygotic embryos as recipient tissue for biolostic gene transfer. Transgenic Research, 1992, 1, 275-284.	1.3	32
31	Coupling Factor Components: Structure and Function. , 1991, , 225-254.		1
32	Cotranscription of the wild-type chloroplast atpE gene encoding the CF1/CF0 epsilon subunit with the 3â€² half of the rps7 gene in Chlamydomonas reinhardtii and characterization of frameshift mutations in atpE. Molecular Genetics and Genomics, 1990, 221, 155-163.	2.4	57
33	A cytohistological analysis of roots whose growth is affected by a 60-Hz electric field. Bioelectromagnetics, 1985, 6, 283-291.	0.9	17
34	Micronuclei formation in Pisum sativum L. root meristem cells exposed to an electric field or Î³-rays. Environmental and Experimental Botany, 1982, 22, 271-275.	2.0	7
35	Inhibition and recovery of growth processes in roots of pisum sativum L. Exposed to 60-Hz electric fields. Bioelectromagnetics, 1981, 2, 329-340.	0.9	32
36	Relationship of 60-Hz electric-field parameters to the inhibition of growth ofPisum sativum roots. Radiation and Environmental Biophysics, 1981, 19, 227-233.	0.6	22

#	Article	IF	Citations
37	60 Hz electric field parameters associated with the perturbation of a eukaryotic cell system. Radiation and Environmental Biophysics, 1980, 18, 289-300.	0.6	24
38	Statistical analysis of root growth rate determinations. Environmental and Experimental Botany, 1980, 20, 389-396.	2.0	11
39	Extending Functional Genomics: VIGS for Model and Crop Plants. , 0, , 227-249.		2
40	Geminiviruses: Models for Plant DNA Replication, Transcription, and Cell Cycle Regulation. , 0, .		260