

Olivier Le Gall

List of Publications by Year in descending order

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63
papers

3,384
citations

117625

34
h-index

144013

57
g-index

69
all docs

69
docs citations

69
times ranked

2100
citing authors

#	ARTICLE	IF	CITATIONS
1	The C terminus of lettuce mosaic potyvirus cylindrical inclusion helicase interacts with the viral VPg and with lettuce translation eukaryotic initiation factor 4E. <i>Journal of General Virology</i> , 2012, 93, 184-193.	2.9	30
2	The RTM Resistance to Potyviruses in <i>Arabidopsis thaliana</i> : Natural Variation of the RTM Genes and Evidence for the Implication of Additional Genes. <i>PLoS ONE</i> , 2012, 7, e39169.	2.5	55
3	The 20S proteasome β 5 subunit of <i>Arabidopsis thaliana</i> carries an RNase activity and interacts in planta with the Lettuce mosaic potyvirus HcPro protein. <i>Molecular Plant Pathology</i> , 2011, 12, 137-150.	4.2	47
4	RTM3, Which Controls Long-Distance Movement of Potyviruses, Is a Member of a New Plant Gene Family Encoding a Meprin and TRAF Homology Domain-Containing Protein. <i>Plant Physiology</i> , 2010, 154, 222-232.	4.8	91
5	Secoviridae: a proposed family of plant viruses within the order Picornavirales that combines the families Sequiviridae and Comoviridae, the unassigned genera Cheravirus and Sadwavirus, and the proposed genus Torradovirus. <i>Archives of Virology</i> , 2009, 154, 899-907.	2.1	236
6	Involvement of the cylindrical inclusion (CI) protein in the overcoming of an eIF4E-mediated resistance against Lettuce mosaic potyvirus. <i>Molecular Plant Pathology</i> , 2009, 10, 109-113.	4.2	69
7	Picornavirales, a proposed order of positive-sense single-stranded RNA viruses with a pseudo-T β 3 virion architecture. <i>Archives of Virology</i> , 2008, 153, 715-27.	2.1	237
8	Lettuce mosaic virus: from pathogen diversity to host interactors. <i>Molecular Plant Pathology</i> , 2008, 9, 127-136.	4.2	29
9	Identification of Quantitative Trait Loci Controlling Symptom Development During Viral Infection in <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 198-207.	2.6	19
10	Mutational Analysis of Plant Cap-Binding Protein eIF4E Reveals Key Amino Acids Involved in Biochemical Functions and Potyvirus Infection. <i>Journal of Virology</i> , 2008, 82, 7601-7612.	3.4	66
11	Prevalence of Lettuce mosaic virus - common strain on three lettuce producing areas from São Paulo State. <i>Summa Phytopathologica</i> , 2008, 34, 161-163.	0.1	4
12	Analysis of the serological variability of Lettuce mosaic virus using monoclonal antibodies and surface plasmon resonance technology. <i>Journal of General Virology</i> , 2007, 88, 2605-2610.	2.9	23
13	Central domain of a potyvirus VPg is involved in the interaction with the host translation initiation factor eIF4E and the viral protein HcPro. <i>Journal of General Virology</i> , 2007, 88, 1029-1033.	2.9	92
14	Coordinated and selective recruitment of eIF4E and eIF4G factors for potyvirus infection in <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2007, 581, 1041-1046.	2.8	109
15	Further characterization of two sequiviruses infecting lettuce and development of specific RT-PCR primers. <i>Archives of Virology</i> , 2007, 152, 999-1007.	2.1	8
16	Cheravirus and Sadwavirus: two unassigned genera of plant positive-sense single-stranded RNA viruses formerly considered atypical members of the genus Nepovirus (family Comoviridae). <i>Archives of Virology</i> , 2007, 152, 1767-1774.	2.1	46
17	Quantitative control of Lettuce mosaic virus fitness and host defence inhibition by P1-HCPro. <i>Summa Phytopathologica</i> , 2007, 33, 119-123.	0.1	0
18	Plum pox virus induces differential gene expression in the partially resistant stone fruit tree <i>Prunus armeniaca</i> cv. Goldrich. <i>Gene</i> , 2006, 374, 96-103.	2.2	14

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19	PPV long-distance movement is occasionally permitted in resistant apricot hosts. <i>Virus Research</i> , 2006, 120, 70-78.	2.2	26
20	Multiple Resistance Traits Control Plum pox virus Infection in <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 541-549.	2.6	101
21	The potyviral virus genome-linked protein VPg forms a ternary complex with the eukaryotic initiation factors eIF4E and eIF4G and reduces eIF4E affinity for a mRNA cap analogue. <i>FEBS Journal</i> , 2006, 273, 1312-1322.	4.7	92
22	Virus Susceptibility and Resistance in Lettuce. , 2006, , 383-397.		1
23	Sequence analysis of grapevine isolates of Raspberry ringspot nepovirus. <i>Archives of Virology</i> , 2006, 151, 599-606.	2.1	11
24	Characterization and partial genome sequence of stocky prune virus, a new member of the genus Cheravirus. <i>Archives of Virology</i> , 2006, 151, 1179-1188.	2.1	12
25	Application of GFP-tagged Plum pox virus to study <i>Prunus</i> â€PPV interactions at the whole plant and cellular levels. <i>Journal of Virological Methods</i> , 2005, 129, 125-133.	2.1	25
26	Identification and mapping of resistance gene analogs (RGAs) in <i>Prunus</i> : a resistance map for <i>Prunus</i> . <i>Theoretical and Applied Genetics</i> , 2005, 111, 1504-1513.	3.6	74
27	Analogues of virus resistance genes map to QTLs for resistance to sharka disease in <i>Prunus davidiana</i> . <i>Molecular Genetics and Genomics</i> , 2005, 272, 680-689.	2.1	83
28	Plant Virus RNAs. Coordinated Recruitment of Conserved Host Functions by (+) ssRNA Viruses during Early Infection Events. <i>Plant Physiology</i> , 2005, 138, 1822-1827.	4.8	46
29	Molecular mapping of the viral determinants of systemic wilting induced by a Lettuce mosaic virus (LMV) isolate in some lettuce cultivars. <i>Virus Research</i> , 2005, 109, 175-180.	2.2	35
30	HcPro, a multifunctional protein encoded by a plant RNA virus, targets the 20S proteasome and affects its enzymic activities. <i>Journal of General Virology</i> , 2005, 86, 2595-2603.	2.9	87
31	A simple and efficient method for testing Lettuce mosaic virus resistance in in vitro cultivated lettuce. <i>Journal of Virological Methods</i> , 2004, 116, 123-131.	2.1	19
32	Specific detection of Lettuce mosaic virus isolates belonging to the â€œMostâ€•type. <i>Journal of Virological Methods</i> , 2004, 121, 119-124.	2.1	10
33	Cloning and sequencing of full-length cDNAs of RNA1 and RNA2 of a Tomato black ring virus isolate from Poland. <i>Archives of Virology</i> , 2004, 149, 799-807.	2.1	22
34	A naturally occurring recombinant isolate of Lettuce mosaic virus. <i>Archives of Virology</i> , 2003, 149, 191-197.	2.1	22
35	Biochemical identification of proteasome-associated endonuclease activity in sunflower. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1645, 30-39.	2.3	27
36	Introduction of a Nla proteinase cleavage site between the reporter gene and HC-Pro only partially restores the biological properties of GUS- or GFP-tagged LMV. <i>Virus Research</i> , 2003, 98, 151-162.	2.2	15

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37	Structural Characterization of HC-Pro, a Plant Virus Multifunctional Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 23753-23761.	3.4	143
38	The Eukaryotic Translation Initiation Factor 4E Controls Lettuce Susceptibility to the Potyvirus Lettuce mosaic virus Å. <i>Plant Physiology</i> , 2003, 132, 1272-1282.	4.8	255
39	Multiple Resistance Phenotypes to Lettuce mosaic virus Among <i>Arabidopsis thaliana</i> Accessions. <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 608-616.	2.6	41
40	The Use of Green Fluorescent Protein-Tagged Recombinant Viruses to Test Lettuce mosaic virus Resistance in Lettuce. <i>Phytopathology</i> , 2002, 92, 169-176.	2.2	19
41	Molecular and Biological Characterization of Lettuce mosaic virus (LMV) Isolates Reveals a Distinct and Widespread Type of Resistance-Breaking Isolate: LMV-Most. <i>Phytopathology</i> , 2002, 92, 563-572.	2.2	49
42	Genetic recombination in wild-type poliovirus. <i>Journal of General Virology</i> , 2002, 83, 3103-3110.	2.9	52
43	Interaction between potyvirus helper component-proteinase and capsid protein in infected plants. <i>Journal of General Virology</i> , 2002, 83, 1765-1770.	2.9	48
44	Plant viruses and the recent discovery of unforeseen basic cellular processes. <i>Comptes Rendus De L'Acad�mie Des Sciences S�rie 3, Sciences De La Vie</i> , 2001, 324, 935-941.	0.8	1
45	Lettuce mosaic virus Pathogenicity Determinants in Susceptible and Tolerant Lettuce Cultivars Map to Different Regions of the Viral Genome. <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 804-810.	2.6	51
46	Effects of Green Fluorescent Protein or �-Glucuronidase Tagging on the Accumulation and Pathogenicity of a Resistance-Breaking Lettuce mosaic virus Isolate in Susceptible and Resistant Lettuce Cultivars. <i>Molecular Plant-Microbe Interactions</i> , 2000, 13, 316-324.	2.6	66
47	Differences between the coat protein amino acid sequences of English and Scottish serotypes of Raspberry ringspot virus exposed on the surface of virus particles. <i>Virus Research</i> , 2000, 68, 119-126.	2.2	12
48	Potyvirus Helper Component-Proteinase Self-Interaction in the Yeast Two-Hybrid System and Delineation of the Interaction Domain Involved. <i>Virology</i> , 1999, 258, 95-99.	2.4	51
49	Nucleotide sequence of the 3' terminal region of the genome of four Lettuce mosaic virus isolates from Greece and Yemen. <i>Archives of Virology</i> , 1999, 144, 1619-1626.	2.1	17
50	New Advances in Understanding the Molecular Biology of Plant/Potyvirus Interactions. <i>Molecular Plant-Microbe Interactions</i> , 1999, 12, 367-376.	2.6	194
51	The 5' Noncoding Region of Grapevine Chrome Mosaic Nepovirus RNA-2 Triggers a Necrotic Response on Three <i>Nicotiana</i> spp. <i>Molecular Plant-Microbe Interactions</i> , 1999, 12, 337-344.	2.6	29
52	Construction of full-length cDNA clones of lettuce mosaic virus (LMV) and the effects of intron-insertion on their viability in <i>Escherichia coli</i> and on their infectivity to plants. <i>Archives of Virology</i> , 1998, 143, 2443-2451.	2.1	36
53	Biological and Molecular Variability of Lettuce Mosaic Virus Isolates. <i>Phytopathology</i> , 1997, 87, 397-403.	2.2	60
54	Comparison of the complete nucleotide sequences of two isolates of lettuce mosaic virus differing in their biological properties. <i>Virus Research</i> , 1997, 47, 167-177.	2.2	41

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55	An RNA-dependent-RNA-polymerase activity associated with grapevine chrome mosaic nepovirus infection. Archives of Virology, 1997, 142, 151-156.	2.1	2
56	A multiple alignment of the capsid protein sequences of nepoviruses and comoviruses suggests a common structure. Archives of Virology, 1995, 140, 2041-2053.	2.1	25
57	Agrobacterium-mediated genetic transformation of grapevine somatic embryos and regeneration of transgenic plants expressing the coat protein of grapevine chrome mosaic nepovirus (GCMV). Plant Science, 1994, 102, 161-170.	3.6	74
58	Genetically engineered resistance against grapevine chrome mosaic nepovirus. Plant Molecular Biology, 1993, 21, 89-97.	3.9	40
59	Cis- and Trans-acting Elements in Cowpea Mosaic Virus RNA Replication. Virology, 1993, 195, 377-386.	2.4	59
60	Nucleotide sequence and genetic organization of Hungarian grapevine chrome mosaic nepovirus RNA2. Nucleic Acids Research, 1989, 17, 7809-7819.	14.5	59
61	Nucleotide sequence of Hungarian grapevine chrome mosaic nepovirus RNA1. Nucleic Acids Research, 1989, 17, 7795-7807.	14.5	39
62	Cloning full-length cDNA of grapevine chrome mosaic nepovirus. Gene, 1988, 73, 67-75.	2.2	9
63	Purification de particules virales associées à l'enroulement de la vigne et mise au point d'un protocole ELISA permettant leur détection. Agronomy for Sustainable Development, 1988, 8, 731-741.	0.8	10