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 Eukaryotic Translation Initiation Factor 4E Controls Lettuce Susceptibility to the Potyvirus Lettuce mosaic virus Â. Plant Physiology, 2003, 132, 1272-1282.	4.8	255
2	Picornavirales, a proposed order of positive-sense single-stranded RNA viruses with a pseudo-TÂ=Â3 virion architecture. Archives of Virology, 2008, 153, 715-27.	2.1	237
3	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. Archives of Virology, 2009, 154, 899-907.	2.1	236
4	New Advances in Understanding the Molecular Biology of Plant/Potyvirus Interactions. Molecular Plant-Microbe Interactions, 1999, 12, 367-376.	2.6	194
5	Structural Characterization of HC-Pro, a Plant Virus Multifunctional Protein. Journal of Biological Chemistry, 2003, 278, 23753-23761.	3.4	143
6	Coordinated and selective recruitment of eIF4E and eIF4G factors for potyvirus infection inArabidopsis thaliana. FEBS Letters, 2007, 581, 1041-1046.	2.8	109
7	Multiple Resistance Traits Control Plum pox virus Infection in Arabidopsis thaliana. Molecular Plant-Microbe Interactions, 2006, 19, 541-549.	2.6	101
8	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. FEBS Journal, 2006, 273, 1312-1322.	4.7	92
9	Central domain of a potyvirus VPg is involved in the interaction with the host translation initiation factor eIF4E and the viral protein HcPro. Journal of General Virology, 2007, 88, 1029-1033.	2.9	92
10	<i>RTM3</i>, 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. Plant Physiology, 2010, 154, 222-232.	4.8	91
11	HcPro, a multifunctional protein encoded by a plant RNA virus, targets the 20S proteasome and affects its enzymic activities. Journal of General Virology, 2005, 86, 2595-2603.	2.9	87
12	Analogues of virus resistance genes map to QTLs for resistance to sharka disease in Prunus davidiana. Molecular Genetics and Genomics, 2005, 272, 680-689.	2.1	83
13	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
14	Identification and mapping of resistance gene analogs (RGAs) in Prunus: a resistance map for Prunus. Theoretical and Applied Genetics, 2005, 111, 1504-1513.	3.6	74
15	Involvement of the cylindrical inclusion (CI) protein in the overcoming of an eIF4Eâ€mediated resistance against <i>Lettuce mosaic potyvirus</i>. Molecular Plant Pathology, 2009, 10, 109-113.	4.2	69
16	Effects of Green Fluorescent Protein or Î²-Glucuronidase Tagging on the Accumulation and Pathogenicity of a Resistance-Breaking Lettuce mosaic virus Isolate in Susceptible and Resistant Lettuce Cultivars. Molecular Plant-Microbe Interactions, 2000, 13, 316-324.	2.6	66
17	Mutational Analysis of Plant Cap-Binding Protein eIF4E Reveals Key Amino Acids Involved in Biochemical Functions and Potyvirus Infection. Journal of Virology, 2008, 82, 7601-7612.	3.4	66
18	Biological and Molecular Variability of Lettuce Mosaic Virus Isolates. Phytopathology, 1997, 87, 397-403.	2.2	60

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19	Nucleotide sequence and genetic organization of Hungarian grapevine chrome mosaic nepovirus RNA2. Nucleic Acids Research, 1989, 17, 7809-7819.	14.5	59
20	Cis- and Trans-acting Elements in Cowpea Mosaic Virus RNA Replication. Virology, 1993, 195, 377-386.	2.4	59
21	The RTM Resistance to Potyviruses in Arabidopsis thaliana: Natural Variation of the RTM Genes and Evidence for the Implication of Additional Genes. PLoS ONE, 2012, 7, e39169.	2.5	55
22	Genetic recombination in wild-type poliovirus. Journal of General Virology, 2002, 83, 3103-3110.	2.9	52
23	Potyvirus Helper Component-Proteinase Self-Interaction in the Yeast Two-Hybrid System and Delineation of the Interaction Domain Involved. Virology, 1999, 258, 95-99.	2.4	51
24	Lettuce mosaic virus Pathogenicity Determinants in Susceptible and Tolerant Lettuce Cultivars Map to Different Regions of the Viral Genome. Molecular Plant-Microbe Interactions, 2001, 14, 804-810.	2.6	51
25	Molecular and Biological Characterization of Lettuce mosaic virus (LMV) Isolates Reveals a Distinct and Widespread Type of Resistance-Breaking Isolate: LMV-Most. Phytopathology, 2002, 92, 563-572.	2.2	49
26	Interaction between potyvirus helper component-proteinase and capsid protein in infected plants. Journal of General Virology, 2002, 83, 1765-1770.	2.9	48
27	The 20S proteasome Î±₅ subunit of <i>Arabidopsis thaliana</i> carries an RNase activity and interacts <i>in planta</i> with the <i>Lettuce mosaic potyvirus</i> HcPro protein. Molecular Plant Pathology, 2011, 12, 137-150.	4.2	47
28	Plant Virus RNAs. Coordinated Recruitment of Conserved Host Functions by (+) ssRNA Viruses during Early Infection Events. Plant Physiology, 2005, 138, 1822-1827.	4.8	46
29	Cheravirus and Sadwavirus: two unassigned genera of plant positive-sense single-stranded RNA viruses formerly considered atypical members of the genus Nepovirus (family Comoviridae). Archives of Virology, 2007, 152, 1767-1774.	2.1	46
30	Comparison of the complete nucleotide sequences of two isolates of lettuce mosaic virus differing in their biological properties. Virus Research, 1997, 47, 167-177.	2.2	41
31	Multiple Resistance Phenotypes to Lettuce mosaic virus Among Arabidopsis thaliana Accessions. Molecular Plant-Microbe Interactions, 2003, 16, 608-616.	2.6	41
32	Genetically engineered resistance against grapevine chrome mosaic nepovirus. Plant Molecular Biology, 1993, 21, 89-97.	3.9	40
33	Nucleotide sequence of Hungarian grapevine chrome mosaic nepovirus RNA1. Nucleic Acids Research, 1989, 17, 7795-7807.	14.5	39
34	Construction of full-length cDNA clones of lettuce mosaic virus (LMV) and the effects of intron-insertion on their viability in Escherichia coli and on their infectivity to plants. Archives of Virology, 1998, 143, 2443-2451.	2.1	36
35	Molecular mapping of the viral determinants of systemic wilting induced by a Lettuce mosaic virus (LMV) isolate in some lettuce cultivars. Virus Research, 2005, 109, 175-180.	2.2	35
36	The C terminus of lettuce mosaic potyvirus cylindrical inclusion helicase interacts with the viral VPg and with lettuce translation eukaryotic initiation factor 4E. Journal of General Virology, 2012, 93, 184-193.	2.9	30

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37	The 5â€² Noncoding Region of Grapevine Chrome Mosaic Nepovirus RNA-2 Triggers a Necrotic Response on Three Nicotiana spp. Molecular Plant-Microbe Interactions, 1999, 12, 337-344.	2.6	29
38	<i>Lettuce mosaic virus</i>: from pathogen diversity to host interactors. Molecular Plant Pathology, 2008, 9, 127-136.	4.2	29
39	Biochemical identification of proteasome-associated endonuclease activity in sunflower. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1645, 30-39.	2.3	27
40	PPV long-distance movement is occasionally permitted in resistant apricot hosts. Virus Research, 2006, 120, 70-78.	2.2	26
41	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
42	Application of GFP-tagged Plum pox virus to study Prunusâ€“PPV interactions at the whole plant and cellular levels. Journal of Virological Methods, 2005, 129, 125-133.	2.1	25
43	Analysis of the serological variability of Lettuce mosaic virus using monoclonal antibodies and surface plasmon resonance technology. Journal of General Virology, 2007, 88, 2605-2610.	2.9	23
44	A naturally occurring recombinant isolate of Lettuce mosaic virus. Archives of Virology, 2003, 149, 191-197.	2.1	22
45	Cloning and sequencing of full-length cDNAs of RNA1 and RNA2 of a Tomato black ring virus isolate from Poland. Archives of Virology, 2004, 149, 799-807.	2.1	22
46	The Use of Green Fluorescent Protein-Tagged Recombinant Viruses to Test Lettuce mosaic virus Resistance in Lettuce. Phytopathology, 2002, 92, 169-176.	2.2	19
47	A simple and efficient method for testing Lettuce mosaic virus resistance in in vitro cultivated lettuce. Journal of Virological Methods, 2004, 116, 123-131.	2.1	19
48	Identification of Quantitative Trait Loci Controlling Symptom Development During Viral Infection in<i>Arabidopsis thaliana</i>. Molecular Plant-Microbe Interactions, 2008, 21, 198-207.	2.6	19
49	Nucleotide sequence of the 3â€² terminal region of the genome of four Lettuce mosaic virus isolates from Greece and Yemen. Archives of Virology, 1999, 144, 1619-1626.	2.1	17
50	Introduction of a NIa proteinase cleavage site between the reporter gene and HC-Pro only partially restores the biological properties of GUS- or GFP-tagged LMV. Virus Research, 2003, 98, 151-162.	2.2	15
51	Plum pox virus induces differential gene expression in the partially resistant stone fruit tree Prunus armeniaca cv. Goldrich. Gene, 2006, 374, 96-103.	2.2	14
52	Differences between the coat protein amino acid sequences of English and Scottish serotypes of Raspberry ringspot virus exposed on the surface of virus particles. Virus Research, 2000, 68, 119-126.	2.2	12
53	Characterization and partial genome sequence of stocky prune virus, a new member of the genus Cheravirus. Archives of Virology, 2006, 151, 1179-1188.	2.1	12
54	Sequence analysis of grapevine isolates of Raspberry ringspot nepovirus. Archives of Virology, 2006, 151, 599-606.	2.1	11

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55	Specific detection of Lettuce mosaic virus isolates belonging to the â€œMostâ€•type. Journal of Virological Methods, 2004, 121, 119-124.	2.1	10
56	Purification de particules virales associÃ©es Ã l'enroulement de la vigne et mise au point d'un protocole ELISA permettant leur dÃ©tection. Agronomy for Sustainable Development, 1988, 8, 731-741.	0.8	10
57	Cloning full-length cDNA of grapevine chrome mosaic nepovirus. Gene, 1988, 73, 67-75.	2.2	9
58	Further characterization of two sequiviruses infecting lettuce and development of specific RT-PCR primers. Archives of Virology, 2007, 152, 999-1007.	2.1	8
59	Prevalence of Lettuce mosaic virus - common strain on three lettuce producing areas from SÃ£o Paulo State. Summa Phytopathologica, 2008, 34, 161-163.	0.1	4
60	An RNA-dependent-RNA-polymerase activity associated with grapevine chrome mosaic nepovirus infection. Archives of Virology, 1997, 142, 151-156.	2.1	2
61	Plant viruses and the recent discovery of unforeseen basic cellular processes. Comptes Rendus De L'AcadÃ©mie Des Sciences SÃ©rie 3, Sciences De La Vie, 2001, 324, 935-941.	0.8	1
62	Virus Susceptibility and Resistance in Lettuce. , 2006, , 383-397.		1
63	Quantitative control of Lettuce mosaic virus fitness and host defence inhibition by P1-HCPro. Summa Phytopathologica, 2007, 33, 119-123.	0.1	0