Adrian A Valli

List of Publications by Year
in descending order

33 papers	3,497 citations	361413 20 h-index	454955 30 g-index
39 all docs	39 docs citations	39 times ranked	4291 citing authors

#	Article	IF	Citations
1	Target mimicry provides a new mechanism for regulation of microRNA activity. Nature Genetics, 2007, 39, 1033-1037.	21.4	1,845
2	Recombination and gene duplication in the evolutionary diversification of P1 proteins in the family Potyviridae. Journal of General Virology, 2007, 88, 1016-1028.	2.9	208
3	Mobile small RNAs regulate genome-wide DNA methylation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E801-10.	7.1	192
4	The HCPro from the Potyviridae family: an enviable multitasking Helper Component that every virus would like to have. Molecular Plant Pathology, 2018, 19, 744-763.	4.2	162
5	RNA Polymerase Slippage as a Mechanism for the Production of Frameshift Gene Products in Plant Viruses of the Potyviridae Family. Journal of Virology, 2015, 89, 6965-6967.	3.4	136
6	RNA Silencing Suppression by a Second Copy of the P1 Serine Protease of Cucumber Vein Yellowing Ipomovirus , a Member of the Family Potyviridae That Lacks the Cysteine Protease HCPro. Journal of Virology, 2006, 80, 10055-10063.	3.4	111
7	Enhanced resistance to bacterial and oomycete pathogens by short tandem target mimic RNAs in tomato. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2755-2760.	7.1	101
8	Identification of a Plum pox virus CI-Interacting Protein from Chloroplast That Has a Negative Effect in Virus Infection. Molecular Plant-Microbe Interactions, 2006, 19, 350-358.	2.6	88
9	Protease Activity, Self Interaction, and Small Interfering RNA Binding of the Silencing Suppressor P1b from Cucumber Vein Yellowing Ipomovirus. Journal of Virology, 2008, 82, 974-986.	3.4	63
10	A Novel Role of the Potyviral Helper Component Proteinase Contributes To Enhance the Yield of Viral Particles. Journal of Virology, 2014, 88, 9808-9818.	3.4	60
11	The P1N-PISPO trans -Frame Gene of Sweet Potato Feathery Mottle Potyvirus Is Produced during Virus Infection and Functions as an RNA Silencing Suppressor. Journal of Virology, 2016, 90, 3543-3557.	3.4	59
12	The Tug-of-War between Plants and Viruses: Great Progress and Many Remaining Questions. Viruses, 2019, 11, 203.	3.3	58
13	Most microRNAs in the single-cell alga Chlamydomonas reinhardtii are produced by Dicer-like 3-mediated cleavage of introns and untranslated regions of coding RNAs. Genome Research, 2016, 26, 519-529.	5.5	44
14	The specific binding to 21-nt double-stranded RNAs is crucial for the anti-silencing activity of Cucumber vein yellowing virus P1b and perturbs endogenous small RNA populations. Rna, 2011, 17, 1148-1158.	3.5	38
15	Heterologous RNA-silencing suppressors from both plant- and animal-infecting viruses support plum pox virus infection. Journal of General Virology, 2012, 93, 1601-1611.	2.9	32
16	An atypical RNA silencing suppression strategy provides a snapshot of the evolution of sweet potato-infecting potyviruses. Scientific Reports, 2018, 8, 15937.	3.3	32
17	The Cucumber vein yellowing virus Silencing Suppressor P1b Can Functionally Replace HCPro in Plum pox virus Infection in a Host-Specific Manner. Molecular Plant-Microbe Interactions, 2012, 25, 151-164.	2.6	30
18	A Functional Link between RNA Replication and Virion Assembly in the Potyvirus Plum Pox Virus. Journal of Virology, 2018, 92, .	3.4	27

#	Article	IF	Citations
19	The VP3 Factor from Viruses of Birnaviridae Family Suppresses RNA Silencing by Binding Both Long and Small RNA Duplexes. PLoS ONE, 2012, 7, e45957.	2.5	24
20	Mechanistic divergence between P1 proteases of the family Potyviridae. Journal of General Virology, 2013, 94, 1407-1414.	2.9	23
21	Molecular Plant-Plum Pox Virus Interactions. Molecular Plant-Microbe Interactions, 2020, 33, 6-17.	2.6	23
22	The Potyviridae P1a leader protease contributes to host range specificity. Virology, 2015, 476, 264-270.	2.4	20
23	Distinct roles of Argonaute in the green alga Chlamydomonas reveal evolutionary conserved mode of miRNA-mediated gene expression. Scientific Reports, 2019, 9, 11091.	3.3	15
24	A temperatureâ€controlled amplicon system derived from Plum pox potyvirus. Plant Biotechnology Journal, 2009, 7, 49-58.	8.3	12
25	Plant Virus Genome Is Shaped by Specific Dinucleotide Restrictions That Influence Viral Infection. MBio, 2020, 11, .	4.1	12
26	Potyviruses (Potyviridae). , 2021, , 631-641.		7
27	The small RNA locus map for Chlamydomonas reinhardtii. PLoS ONE, 2020, 15, e0242516.	2.5	7
28	Maf/ham1-like pyrophosphatases of non-canonical nucleotides are host-specific partners of viral RNA-dependent RNA polymerases. PLoS Pathogens, 2022, 18, e1010332.	4.7	7
29	A Newly Identified Virus in the Family Potyviridae Encodes Two Leader Cysteine Proteases in Tandem That Evolved Contrasting RNA Silencing Suppression Functions. Journal of Virology, 2020, 95, .	3.4	5
30	Sterol isomerase HYDRA1 interacts with RNA silencing suppressor P1b and restricts potyviral infection. Plant, Cell and Environment, 2019, 42, 3015-3026.	5.7	3
31	Complete genome sequence of a novel member of the family Potyviridae isolated from Phellodendron amurense Rupr. in Liaoning, China. Archives of Virology, 2019, 164, 1705-1709.	2.1	2
32	Induction and suppression of silencing by plant viruses.. , 2017, , 32-58.		2
33	Potyvirus P1 Proteinase. , 2013, , 3130-3133.		1