Beatriz Navarro

List of Publications by Year
in descending order

62	3,092	28	54
papers	citations	h-index	g-index
		186265	161849

65	65	65	2802
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
2	Small RNAs containing the pathogenic determinant of a chloroplastâ€replicating viroid guide the degradation of a host mRNA as predicted by RNA silencing. Plant Journal, 2012, 70, 991-1003.	5.7	192
3	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. Archives of Virology, 2018, 163, 2295-2310.	2.1	157
4	Chrysanthemum chlorotic mottle viroid: Unusual structural properties of a subgroup of self-cleaving viroids with hammerhead ribozymes. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 11262-11267.	7.1	156
5	RNA-Dependent RNA Polymerase 6 Delays Accumulation and Precludes Meristem Invasion of a Viroid That Replicates in the Nucleus. Journal of Virology, 2010, 84, 2477-2489.	3.4	147
6	Deep Sequencing of Viroid-Derived Small RNAs from Grapevine Provides New Insights on the Role of RNA Silencing in Plant-Viroid Interaction. PLoS ONE, 2009, 4, e7686.	2.5	130
7	Adenoviral and adeno-associated viral transfer of genes to the peripheral nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 442-447.	7.1	120
8	Specific Argonautes Selectively Bind Small RNAs Derived from Potato Spindle Tuber Viroid and Attenuate Viroid Accumulation <i>In Vivo</i>. Journal of Virology, 2014, 88, 11933-11945.	3.4	97
9	Viroids, the simplest RNA replicons: How they manipulate their hosts for being propagated and how their hosts react for containing the infection. Virus Research, 2015, 209, 136-145.	2.2	96
10	Deep Sequencing of the Small RNAs Derived from Two Symptomatic Variants of a Chloroplastic Viroid: Implications for Their Genesis and for Pathogenesis. PLoS ONE, 2009, 4, e7539.	2.5	82
11	Truncated Prion Protein and Doppel Are Myelinotoxic in the Absence of Oligodendrocytic PrPC. Journal of Neuroscience, 2005, 25, 4879-4888.	3.6	81
12	Viroids: How to infect a host and cause disease without encoding proteins. Biochimie, 2012, 94, 1474-1480.	2.6	81
13	Actinidia chlorotic ringspotâ€associated virus: a novel emaravirus infecting kiwifruit plants. Molecular Plant Pathology, 2017, 18, 569-581.	4.2	79
14	Mapping the molecular determinant of pathogenicity in a hammerhead viroid: A tetraloop within the in vivo branched RNA conformation. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9960-9965.	7.1	77
15	Citrus tristeza virus infection induces the accumulation of viral small RNAs (21â€“24-nt) mapping preferentially at the 3â€²-terminal region of the genomic RNA and affects the host small RNA profile. Plant Molecular Biology, 2011, 75, 607-619.	3.9	73
16	The first phleboâ€like virus infecting plants: a case study on the adaptation of negativeâ€stranded RNA viruses to new hosts. Molecular Plant Pathology, 2018, 19, 1075-1089.	4.2	72
17	Viroids: From Genotype to Phenotype Just Relying on RNA Sequence and Structural Motifs. Frontiers in Microbiology, 2012, 3, 217.	3.5	68
18	Identification and molecular characterization of a novel monopartite geminivirus associated with mulberry mosaic dwarf disease. Journal of General Virology, 2015, 96, 2421-2434.	2.9	67

#	Article	IF	Citations
19	Identification and characterization of a novel geminivirus with a monopartite genome infecting apple trees. Journal of General Virology, 2015, 96, 2411-2420.	2.9	62
20	Expression of the Cymbidium Ringspot Virus 33-Kilodalton Protein in Saccharomyces cerevisiae and Molecular Dissection of the Peroxisomal Targeting Signal. Journal of Virology, 2004, 78, 4744-4752.	3.4	59
21	Development and validation of a multiplex RT-PCR method for the simultaneous detection of five grapevine viroids. Journal of Virological Methods, 2012, 179, 62-69.	2.1	59
22	p53FamTaG: a database resource of human p53, p63 and p73 direct target genes combining in silico prediction and microarray data. BMC Bioinformatics, 2007, 8, S20.	2.6	57
23	A Negative-Stranded RNA Virus Infecting Citrus Trees: The Second Member of a New Genus Within the Order Bunyavirales. Frontiers in Microbiology, 2018, 9, 2340.	3.5	53
24	p73 and p63 Sustain Cellular Growth by Transcriptional Activation of Cell Cycle Progression Genes. Cancer Research, 2009, 69, 8563-8571.	0.9	51
25	Advances in Viroid-Host Interactions. Annual Review of Virology, 2021, 8, 305-325.	6.7	49
26	Somatic embryogenesis efficiently eliminates viroid infections from grapevines. European Journal of Plant Pathology, 2011, 130, 511-519.	1.7	34
27	Molecular characterization and taxonomy of grapevine leafroll-associated virus 7. Archives of Virology, 2012, 157, 359-362.	2.1	33
28	Cost minimization analysis of treatment with intravenous or subcutaneous trastuzumab in patients with HER2-positive breast cancer in Spain. Clinical and Translational Oncology, 2017, 19, 1454-1461.	2.4	31
29	Cytological analysis of Saccharomyces cerevisiae cells supporting cymbidium ringspot virus defective interfering RNA replication. Journal of General Virology, 2006, 87, 705-714.	2.9	30
30	A nuclear-replicating viroid antagonizes infectivity and accumulation of a geminivirus by upregulating methylation-related genes and inducing hypermethylation of viral DNA. Scientific Reports, 2016, 6, 35101.	3.3	29
31	Survey on viroids infecting grapevine in Italy: identification and characterization of Australian grapevine viroid and Grapevine yellow speckle viroid 2. European Journal of Plant Pathology, 2014, 140, 199-205.	1.7	27
32	Two Novel Negative-Sense RNA Viruses Infecting Grapevine Are Members of a Newly Proposed Genus within the Family Phenuiviridae. Viruses, 2019, 11, 685.	3.3	27
33	Viroid Diseases in Pome and Stone Fruit Trees and Kochâ€™s Postulates: A Critical Assessment. Viruses, 2018, 10, 612.	3.3	26
34	Viroid pathogenesis: a critical appraisal of the role of RNA silencing in triggering the initial molecular lesion. FEMS Microbiology Reviews, 2020, 44, 386-398.	8.6	26
35	A single polyprobe for detecting simultaneously eight pospiviroids infecting ornamentals and vegetables. Journal of Virological Methods, 2012, 186, 141-146.	2.1	25
36	Viroid RNA turnover: characterization of the subgenomic RNAs of potato spindle tuber viroid accumulating in infected tissues provides insights into decay pathways operating in vivo. Nucleic Acids Research, 2015, 43, 2313-2325.	14.5	24

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37	Viroids with Hammerhead Ribozymes: Some Unique Structural and Functional Aspects with Respect to Other Members of the Group. Biological Chemistry, 1999, 380, 849-854.	2.5	22
38	Viroid-like RNAs from cherry trees affected by leaf scorch disease: further data supporting their association with mycoviral double-stranded RNAs. Archives of Virology, 2014, 159, 589-593.	2.1	22
39	Identification and characterization of privet leaf blotchâ€associated virus, a novel <i>idaeovirus</i>. Molecular Plant Pathology, 2017, 18, 925-936.	4.2	22
40	How sequence variants of a plastid-replicating viroid with one single nucleotide change initiate disease in its natural host. RNA Biology, 2019, 16, 906-917.	3.1	19
41	Watermelon crinkle leaf-associated virus 1 and watermelon crinkle leaf-associated virus 2 have a bipartite genome with molecular signatures typical of the members of the genus Coguvirus (family) Tj ETQq1 1 0.784314 rgBT /Overlo	2.4	19
42	Cymbidium ringspot virus defective interfering RNA replication in yeast cells occurs on endoplasmic reticulum-derived membranes in the absence of peroxisomes. Journal of General Virology, 2007, 88, 1634-1642.	2.9	18
43	Cytopathic Effects Incited by Viroid RNAs and Putative Underlying Mechanisms. Frontiers in Plant Science, 2012, 3, 288.	3.6	18
44	Occurrence of <i>Hop Stunt Viroid</i> in Mulberry (<i>Morus alba</i>) in Lebanon and Italy. Journal of Phytopathology, 2012, 160, 48-51.	1.0	16
45	Engineering resistance against viroids. Current Opinion in Virology, 2017, 26, 1-7.	5.4	15
46	Symptomatic plant viroid infections in phytopathogenic fungi: A request for a critical reassessment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10126-10128.	7.1	14
47	A general strategy for cloning viroids and other small circular RNAs that uses minimal amounts of template and does not require prior knowledge of its sequence. Journal of Virological Methods, 1996, 56, 59-66.	2.1	13
48	Reassessing species demarcation criteria in viroid taxonomy by pairwise identity matrices. Virus Evolution, 2021, 7, veab001.	4.9	13
49	Degradome Analysis of Tomato and Nicotiana benthamiana Plants Infected with Potato Spindle Tuber Viroid. International Journal of Molecular Sciences, 2021, 22, 3725.	4.1	13
50	ADR1 and SNF1 Mediate Different Mechanisms in Transcriptional Regulation of Yeast POT1 Gene. Biochemical and Biophysical Research Communications, 1994, 202, 960-966.	2.1	12
51	Reverse transcription polymerase chain reaction protocols for cloning small circular RNAs. Journal of Virological Methods, 1998, 73, 1-9.	2.1	12
52	Expression of tombusvirus open reading frames 1 and 2 is sufficient for the replication of defective interfering, but not satellite, RNA. Journal of General Virology, 2004, 85, 3115-3122.	2.9	12
53	Identification and Characterization of Citrus Concave Gum-Associated Virus Infecting Citrus and Apple Trees by Serological, Molecular and High-Throughput Sequencing Approaches. Plants, 2021, 10, 2390.	3.5	10
54	Molecular variability of apple hammerhead viroid from Italian apple varieties supports the relevance in vivo of its branched conformation stabilized by a kissing loop interaction. Virus Research, 2019, 270, 197644.	2.2	8

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55	Simultaneous detection of citrus concave gum-associated virus (CCGaV) and citrus virus A (CiVA) by multiplex RT-PCR. Journal of Plant Pathology, 2020, 102, 655-661.	1.2	8
56	First Report of Avocado Sunblotch Viroid (ASBVd) Naturally Infecting Avocado (<i>Persea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	1.4	7
57	Novel Fig-Associated Viroid-Like RNAs Containing Hammerhead Ribozymes in Both Polarity Strands Identified by High-Throughput Sequencing. Frontiers in Microbiology, 2020, 11, 1903.	3.5	7
58	Reassessment of Viroid RNA Cytosine Methylation Status at the Single Nucleotide Level. Viruses, 2019, 11, 357.	3.3	6
59	Genomic sequence variability of an Italian Zucchini yellow mosaic virus isolate. European Journal of Plant Pathology, 2020, 156, 325-332.	1.7	5
60	First Report of Grapevine Latent Viroid Infecting Grapevine (Vitis vinifera) in Italy. Plant Disease, 2018, 102, 1672.	1.4	3
61	Identification, full-length genome sequencing, and field survey of citrus vein enation virus in Italy. Phytopathologia Mediterranea, 2021, 60, 293-301.	1.3	2
62	Respiration and low cAMP-dependent protein kinase activity are required for high-level expression of the peroxisomal thiolase gene in. Molecular Genetics and Genomics, 1996, 252, 446.	2.4	1