

Pedro Serra

List of Publications by Year in descending order

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33
papers

868
citations

516710

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477307

29
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33
all docs

33
docs citations

33
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Viroids: Survivors from the RNA World?. Annual Review of Microbiology, 2014, 68, 395-414.	7.3	142
2	Citrus viroid V: Molecular characterization and synergistic interactions with other members of the genus Apscaviroid. Virology, 2008, 370, 102-112.	2.4	68
3	Viroids: From Genotype to Phenotype Just Relying on RNA Sequence and Structural Motifs. Frontiers in Microbiology, 2012, 3, 217.	3.5	68
4	Viroids and Hepatitis Delta Virus. Seminars in Liver Disease, 2012, 32, 201-210.	3.6	63
5	Mechanical Transmission of Citrus Viroids. Plant Disease, 2005, 89, 749-754.	1.4	46
6	Effect of temperature on RNA silencing of a negative-stranded RNA plant virus: <i>Citrus psorosis virus</i> . Plant Pathology, 2010, 59, 982-990.	2.4	43
7	Apple hammerhead viroid-like RNA is a bona fide viroid: Autonomous replication and structural features support its inclusion as a new member in the genus Pelamoviroid. Virus Research, 2018, 249, 8-15.	2.2	43
8	A single nucleotide change in Hop stunt viroid modulates citrus cachexia symptoms. Virus Research, 2008, 138, 130-134.	2.2	41
9	Citrus viroid V: Occurrence, Host Range, Diagnosis, and Identification of New Variants. Phytopathology, 2008, 98, 1199-1204.	2.2	40
10	Dahlia latent viroid: a recombinant new species of the family Pospiviroidae posing intriguing questions about its origin and classification. Journal of General Virology, 2013, 94, 711-719.	2.9	40
11	A novel hybridization approach for detection of citrus viroids. Molecular and Cellular Probes, 2009, 23, 95-102.	2.1	27
12	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
13	Molecular and phylogenetic identification of unique isolates of hammerhead viroid-like RNA from Pacific Gala™ apple (<i>Malus domestica</i>) in Canada. Canadian Journal of Plant Pathology, 2017, 39, 342-353.	1.4	22
14	Virus-Viroid Interactions: Citrus Tristeza Virus Enhances the Accumulation of Citrus Dwarfing Viroid in Mexican Lime via Virus-Encoded Silencing Suppressors. Journal of Virology, 2014, 88, 1394-1397.	3.4	21
15	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
16	Two nucleotide positions in the <i>Citrus exocortis viroid</i> RNA associated with symptom expression in Etrog citron but not in experimental herbaceous hosts. Molecular Plant Pathology, 2011, 12, 203-208.	4.2	17
17	Molecular characterization of CEVd strains that induce different phenotypes in <i>Gynura aurantiaca</i> : structure-pathogenicity relationships. Archives of Virology, 2007, 152, 1283-1294.	2.1	15
18	Molecular and biological characterization of natural variants of Citrus dwarfing viroid. Archives of Virology, 2009, 154, 1329-1334.	2.1	15

#	ARTICLE	IF	CITATIONS
19	A pospiviroid from symptomless portulaca plants closely related to iresine viroid 1. <i>Virus Research</i> , 2015, 205, 22-26.	2.2	14
20	Symptomatic plant viroid infections in phytopathogenic fungi: A request for a critical reassessment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10126-10128.	7.1	14
21	Effect of a Field-Source Mixture of Citrus Viroids on the Performance of "Nules"™ Clementine and "Navelina"™ Sweet Orange Trees Grafted on Carrizo Citrange. <i>Plant Disease</i> , 2009, 93, 699-707.	1.4	13
22	Degradome Analysis of Tomato and <i>Nicotiana benthamiana</i> Plants Infected with Potato Spindle Tuber Viroid. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3725.	4.1	13
23	A scenario for the emergence of protoviroids in the RNA world and for their further evolution into viroids and viroid-like RNAs by modular recombinations and mutations. <i>Virus Evolution</i> , 2022, 8, veab107.	4.9	13
24	Effects of resistance of <i>Eremocitrus glauca</i> and <i>Microcitrus australis</i> to viroid infection: replication, accumulation and long-distance movement of six citrus viroids. <i>Plant Pathology</i> , 2010, 59, 413-421.	2.4	10
25	Phloem restriction of viroids in three citrus hosts is overcome by grafting with Etrog citron: potential involvement of a translocatable factor. <i>Journal of General Virology</i> , 2015, 96, 2405-2410.	2.9	8
26	Interference between variants of peach latent mosaic viroid reveals novel features of its fitness landscape: implications for detection. <i>Scientific Reports</i> , 2017, 7, 42825.	3.3	8
27	An artificial chimeric derivative of <i>Citrus viroid V</i> involves the terminal left domain in pathogenicity. <i>Molecular Plant Pathology</i> , 2009, 10, 515-522.	4.2	7
28	First Report of Citrus viroid V in Moro Blood Sweet Orange in Iran. <i>Plant Disease</i> , 2010, 94, 129-129.	1.4	7
29	Chrysanthemum Chlorotic Mottle Viroid. , 2017, , 331-338.		3
30	Iresine Viroid 1 and a Potential New Pospiviroid From Portulaca. , 2017, , 191-198.		1
31	Revisiting the cysteine-rich proteins encoded in the 3'-proximal open reading frame of the positive-sense single-stranded RNA of some monopartite filamentous plant viruses: functional dissection of p15 from grapevine virus B. <i>Archives of Virology</i> , 2020, 165, 2229-2239.	2.1	1
32	Dahlia Latent Viroid. , 2017, , 211-216.		0
33	Gel Blot Hybridization for Viroids. <i>Methods in Molecular Biology</i> , 2022, 2316, 97-109.	0.9	0