

German Martinez

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,719
citations

394421

19
h-index

501196

28
g-index

40
all docs

40
docs citations

40
times ranked

2236
citing authors

#	ARTICLE	IF	CITATIONS
1	tRNA-derived small RNAs target transposable element transcripts. <i>Nucleic Acids Research</i> , 2017, 45, 5142-5152.	14.5	207
2	Silencing in sperm cells is directed by RNA movement from the surrounding nurse cell. <i>Nature Plants</i> , 2016, 2, 16030.	9.3	191
3	Identification and functional characterization of cation-chloride cotransporters in plants. <i>Plant Journal</i> , 2007, 50, 278-292.	5.7	189
4	Transposon-derived small RNAs triggered by miR845 mediate genome dosage response in Arabidopsis. <i>Nature Genetics</i> , 2018, 50, 186-192.	21.4	126
5	Paternal easiRNAs regulate parental genome dosage in Arabidopsis. <i>Nature Genetics</i> , 2018, 50, 193-198.	21.4	125
6	High-Throughput Sequencing, Characterization and Detection of New and Conserved Cucumber miRNAs. <i>PLoS ONE</i> , 2011, 6, e19523.	2.5	98
7	Viroid-Induced Symptoms in <i>Nicotiana benthamiana</i> Plants Are Dependent on RDR6 Activity. <i>Plant Physiology</i> , 2008, 148, 414-423.	4.8	78
8	Interplay between viroid-induced pathogenesis and RNA silencing pathways. <i>Trends in Plant Science</i> , 2009, 14, 264-269.	8.8	75
9	High-throughput sequencing of Hop stunt viroid-derived small RNAs from cucumber leaves and phloem. <i>Molecular Plant Pathology</i> , 2010, 11, 347-359.	4.2	69
10	Developmental relaxation of transposable element silencing in plants: functional or byproduct?. <i>Current Opinion in Plant Biology</i> , 2012, 15, 496-502.	7.1	69
11	A pathogenic non-coding RNA induces changes in dynamic DNA methylation of ribosomal RNA genes in host plants. <i>Nucleic Acids Research</i> , 2014, 42, 1553-1562.	14.5	67
12	Role of small RNAs in epigenetic reprogramming during plant sexual reproduction. <i>Current Opinion in Plant Biology</i> , 2017, 36, 22-28.	7.1	51
13	Stress response regulation by epigenetic mechanisms: changing of the guards. <i>Physiologia Plantarum</i> , 2018, 162, 239-250.	5.2	47
14	Polymerase IV Plays a Crucial Role in Pollen Development in <i>Capsella</i> . <i>Plant Cell</i> , 2020, 32, 950-966.	6.6	46
15	Sequestration of a Transposon-Derived siRNA by a Target Mimic Imprinted Gene Induces Postzygotic Reproductive Isolation in Arabidopsis. <i>Developmental Cell</i> , 2018, 46, 696-705.e4.	7.0	40
16	tRNA-derived small RNAs: New players in genome protection against retrotransposons. <i>RNA Biology</i> , 2018, 15, 170-175.	3.1	37
17	Alterations in host DNA methylation in response to constitutive expression of Hop stunt viroid RNA in <i>Nicotiana benthamiana</i> plants. <i>Plant Pathology</i> , 2015, 64, 1247-1257.	2.4	34
18	Changes in the DNA methylation pattern of the host male gametophyte of viroid-infected cucumber plants. <i>Journal of Experimental Botany</i> , 2016, 67, 5857-5868.	4.8	30

#	ARTICLE	IF	CITATIONS
19	tRNAs as primers and inhibitors of retrotransposons. <i>Mobile Genetic Elements</i> , 2017, 7, 1-6.	1.8	25
20	Aphid feeding induces the relaxation of epigenetic control and the associated regulation of the defense response in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2021, 230, 1185-1200.	7.3	24
21	Dynamic architecture and regulatory implications of the miRNA network underlying the response to stress in melon. <i>RNA Biology</i> , 2020, 17, 292-308.	3.1	17
22	The miRNome function transitions from regulating developmental genes to transposable elements during pollen maturation. <i>Plant Cell</i> , 2022, 34, 784-801.	6.6	17
23	Reprogramming of RNA silencing triggered by cucumber mosaic virus infection in <i>Arabidopsis</i> . <i>Genome Biology</i> , 2021, 22, 340.	8.8	17
24	The Interaction Between Plant Viroid-Induced Symptoms and RNA Silencing. <i>Methods in Molecular Biology</i> , 2012, 894, 323-343.	0.9	14
25	Plant models of transgenerational epigenetic inheritance. , 2019, , 263-282.		5
26	smartPARE: An R Package for Efficient Identification of True mRNA Cleavage Sites. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4267.	4.1	5
27	Plant epigenome alterations: an emergent player in viroid-host interactions. <i>Virus Research</i> , 2022, 318, 198844.	2.2	5
28	Isolation and Detection of Small RNAs from Pollen. <i>Methods in Molecular Biology</i> , 2017, 1669, 237-250.	0.9	2
29	Molecular mechanisms regulating priming and stress memory. , 2020, , 247-265.		2
30	Accumulation dynamics of ARGONAUTE proteins during meiosis in <i>Arabidopsis</i> . <i>Plant Reproduction</i> , 2022, 35, 153-160.	2.2	2
31	The parasitic plant haustorium: a trojan horse releasing microRNAs that take control of the defense responses of the host. <i>Non-coding RNA Investigation</i> , 2018, 2, 44-44.	0.6	0
32	ESTRATEGIA PÙBBLICA PARA REDUCIR LA BRECHA DIGITAL EN EL SECTOR EDUCATIVO Y SALUD EN EL ESTADO DE TABASCO ANTES DE LA PANDEMIA. <i>Revista De Investigaciones Universidad Del QuindÙo</i> , 2021, 33, 138-142.	0.1	0