German Martinez

List of Publications by Year
in descending order

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	The miRNome function transitions from regulating developmental genes to transposable elements during pollen maturation. Plant Cell, 2022, 34, 784-801.	6.6	17
2	Accumulation dynamics of ARGONAUTE proteins during meiosis in Arabidopsis. Plant Reproduction, 2022, 35, 153-160.	2.2	2
3	Plant epigenome alterations: an emergent player in viroid-host interactions. Virus Research, 2022, 318, 198844.	2.2	5
4	Aphid feeding induces the relaxation of epigenetic control and the associated regulation of the defense response in Arabidopsis. New Phytologist, 2021, 230, 1185-1200.	7.3	24
5	smartPARE: An R Package for Efficient Identification of True mRNA Cleavage Sites. International Journal of Molecular Sciences, 2021, 22, 4267.	4.1	5
6	ESTRATEGIA PÃšBLICA PARA REDUCIR LA BRECHA DIGITAL EN EL SECTOR EDUCATIVO Y SALUD EN EL ESTADO DE TABASCO ANTES DE LA PANDEMIA. Revista De Investigaciones Universidad Del QuindÃo, 2021, 33, 138-142.	0.1	0
7	Reprogramming of RNA silencing triggered by cucumber mosaic virus infection in Arabidopsis. Genome Biology, 2021, 22, 340.	8.8	17
8	Dynamic architecture and regulatory implications of the miRNA network underlying the response to stress in melon. RNA Biology, 2020, 17, 292-308.	3.1	17
9	Molecular mechanisms regulating priming and stress memory. , 2020, , 247-265.		2
10	Polymerase IV Plays a Crucial Role in Pollen Development in Capsella. Plant Cell, 2020, 32, 950-966.	6.6	46
11	Plant models of transgenerational epigenetic inheritance. , 2019, , 263-282.		5
12	Transposon-derived small RNAs triggered by miR845 mediate genome dosage response in Arabidopsis. Nature Genetics, 2018, 50, 186-192.	21.4	126
13	Paternal easiRNAs regulate parental genome dosage in Arabidopsis. Nature Genetics, 2018, 50, 193-198.	21.4	125
14	Stress response regulation by epigenetic mechanisms: changing of the guards. Physiologia Plantarum, 2018, 162, 239-250.	5.2	47
15	tRNA-derived small RNAs: New players in genome protection against retrotransposons. RNA Biology, 2018, 15, 170-175.	3.1	37
16	The parasitic plant haustorium: a trojan horse releasing microRNAs that take control of the defense responses of the host. Non-coding RNA Investigation, 2018, 2, 44-44.	0.6	0
17	Sequestration of a Transposon-Derived siRNA by a Target Mimic Imprinted Gene Induces Postzygotic Reproductive Isolation in Arabidopsis. Developmental Cell, 2018, 46, 696-705.e4.	7.0	40
18	Role of small RNAs in epigenetic reprogramming during plant sexual reproduction. Current Opinion in Plant Biology, 2017, 36, 22-28.	7.1	51

#	Article	IF	Citations
19	tRNA-derived small RNAs target transposable element transcripts. Nucleic Acids Research, 2017, 45, 5142-5152.	14.5	207
20	Isolation and Detection of Small RNAs from Pollen. Methods in Molecular Biology, 2017, 1669, 237-250.	0.9	2
21	tRNAs as primers and inhibitors of retrotransposons. Mobile Genetic Elements, 2017, 7, 1-6.	1.8	25
22	Changes in the DNA methylation pattern of the host male gametophyte of viroid-infected cucumber plants. Journal of Experimental Botany, 2016, 67, 5857-5868.	4.8	30
23	Silencing in sperm cells is directed by RNA movement from the surrounding nurse cell. Nature Plants, 2016, 2, 16030.	9.3	191
24	Alterations in host <scp>DNA</scp> methylation in response to constitutive expression of Hop stunt viroid <scp>RNA</scp> in Nicotiana benthamiana plants. Plant Pathology, 2015, 64, 1247-1257.	2.4	34
25	A pathogenic non-coding RNA induces changes in dynamic DNA methylation of ribosomal RNA genes in host plants. Nucleic Acids Research, 2014, 42, 1553-1562.	14.5	67
26	Developmental relaxation of transposable element silencing in plants: functional or byproduct?. Current Opinion in Plant Biology, 2012, 15, 496-502.	7.1	69
27	The Interaction Between Plant Viroid-Induced Symptoms and RNA Silencing. Methods in Molecular Biology, 2012, 894, 323-343.	0.9	14
28	High-Throughput Sequencing, Characterization and Detection of New and Conserved Cucumber miRNAs. PLoS ONE, 2011, 6, e19523.	2.5	98
29	Highâ€throughput sequencing of Hop stunt viroidâ€derived small RNAs from cucumber leaves and phloem. Molecular Plant Pathology, 2010, 11, 347-359.	4.2	69
30	Interplay between viroid-induced pathogenesis and RNA silencing pathways. Trends in Plant Science, 2009, 14, 264-269.	8.8	75
31	Viroid-Induced Symptoms inNicotiana benthamianaPlants Are Dependent on RDR6 Activity Â. Plant Physiology, 2008, 148, 414-423.	4.8	78
32	Identification and functional characterization of cation-chloride cotransporters in plants. Plant Journal, 2007, 50, 278-292.	5.7	189