

# Ana Montserrat MartÃ-n HernÃ;ndez

## List of Publications by Year in descending order

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26  
papers

2,436  
citations

394421

19  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2555  
citing authors

#	ARTICLE	IF	CITATIONS
1	Technical Advance: Tobacco rattle virus as a vector for analysis of gene function by silencing. <i>Plant Journal</i> , 2008, 25, 237-245.	5.7	816
2	Virus-induced gene silencing in plants. <i>Methods</i> , 2003, 30, 296-303.	3.8	415
3	Virus-induced gene silencing in <i>Solanum</i> species. <i>Plant Journal</i> , 2004, 39, 264-272.	5.7	200
4	Quasispecies Structure and Persistence of RNA Viruses. <i>Emerging Infectious Diseases</i> , 1998, 4, 521-527.	4.3	171
5	Tobacco Rattle Virus 16-Kilodalton Protein Encodes a Suppressor of RNA Silencing That Allows Transient Viral Entry in Meristems. <i>Journal of Virology</i> , 2008, 82, 4064-4071.	3.4	114
6	RNA Silencing Suppression by a Second Copy of the P1 Serine Protease of Cucumber Vein Yellowing Ipotovirus, a Member of the Family Potyviridae That Lacks the Cysteine Protease HCPro. <i>Journal of Virology</i> , 2006, 80, 10055-10063.	3.4	111
7	Effects of Targeted Replacement of the Tomatinase Gene on the Interaction of <i>Septoria lycopersici</i> with Tomato Plants. <i>Molecular Plant-Microbe Interactions</i> , 2000, 13, 1301-1311.	2.6	68
8	Rapid cell variation can determine the establishment of a persistent viral infection.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 3705-3709.	7.1	62
9	Mispair extension fidelity of human immunodeficiency virus type 1 reverse transcriptases with amino acid substitutions affecting Tyr115. <i>Nucleic Acids Research</i> , 1997, 25, 1383-1389.	14.5	51
10	A mutation in the melon Vacuolar Protein Sorting 41 prevents systemic infection of Cucumber mosaic virus. <i>Scientific Reports</i> , 2017, 7, 10471.	3.3	51
11	Dissection of the oligogenic resistance to Cucumber mosaic virus in the melon accession PI 161375. <i>Theoretical and Applied Genetics</i> , 2009, 118, 275-284.	3.6	47
12	Shaping melons: agronomic and genetic characterization of QTLs that modify melon fruit morphology. <i>Theoretical and Applied Genetics</i> , 2010, 121, 931-940.	3.6	39
13	Quantitative trait loci analysis of melon ( <i>Cucumis melo</i> L.) domestication-related traits. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1837-1856.	3.6	37
14	QTL Analyses in Multiple Populations Employed for the Fine Mapping and Identification of Candidate Genes at a Locus Affecting Sugar Accumulation in Melon ( <i>Cucumis melo</i> L.). <i>Frontiers in Plant Science</i> , 2017, 8, 1679.	3.6	32
15	The complex resistance to cucumber mosaic cucumovirus (CMV) in the melon accession PI161375 is governed by one gene and at least two quantitative trait loci. <i>Molecular Breeding</i> , 2014, 34, 351-362.	2.1	31
16	Loss of pseudorabies virus thymidine kinase activity due to a single base mutation and amino acid substitution. <i>Journal of General Virology</i> , 1991, 72, 1435-1439.	2.9	28
17	Combined use of genetic and genomics resources to understand virus resistance and fruit quality traits in melon. <i>Physiologia Plantarum</i> , 2015, 155, 4-11.	5.2	26
18	Natural Resistances to Viruses in Cucurbits. <i>Agronomy</i> , 2021, 11, 23.	3.0	26

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19	CRISPR/Cas9 gene editing uncovers the roles of CONSTITUTIVE TRIPLE RESPONSE 1 and REPRESSOR OF SILENCING 1 in melon fruit ripening and epigenetic regulation. <i>Journal of Experimental Botany</i> , 2022, 73, 4022-4033.	4.8	21
20	cmv1 is a gate for Cucumber mosaic virus transport from bundle sheath cells to phloem in melon. <i>Molecular Plant Pathology</i> , 2016, 17, 973-984.	4.2	20
21	Four sequence positions of the movement protein of <i>Cucurbituriscus</i> determine the virulence against <i>cmv1</i> -mediated resistance in melon. <i>Molecular Plant Pathology</i> , 2015, 16, 675-684.	4.2	18
22	CmVPS41 Is a General Gatekeeper for Resistance to Cucumber Mosaic Virus Phloem Entry in Melon. <i>Frontiers in Plant Science</i> , 2019, 10, 1219.	3.6	16
23	Selective silencing of <i>2Cys</i> and <i>type-B Peroxiredoxins</i> discloses their roles in cell redox state and stress signaling. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 591-601.	8.5	15
24	A novel introgression line collection to unravel the genetics of climacteric ripening and fruit quality in melon. <i>Scientific Reports</i> , 2021, 11, 11364.	3.3	14
25	Isolation and characterization of TK-deficient mutants of African swine fever virus. <i>Virus Research</i> , 1995, 36, 67-75.	2.2	5
26	Effect of n-butyrate on adenovirus gene expression. <i>FEMS Microbiology Letters</i> , 1987, 44, 69-72.	1.8	0