Laura Miozzi

List of Publications by Year
in descending order

45 papers	1,985 citations	257450 24 h-index	243625 44 g-index
46 all docs	46 docs citations	46 times ranked	2429 citing authors

#	Article	IF	Citations
1	Identification of Known and Novel Arundo donax L. MicroRNAs and Their Targets Using High-Throughput Sequencing and Degradome Analysis. Life, 2022, 12, 651.	2.4	1
2	Modulation of class III peroxidase pathways and phenylpropanoids in Arundo donax under salt and phosphorus stress. Plant Physiology and Biochemistry, 2022, 183, 151-159.	5.8	3
3	Women in the European Virus Bioinformatics Center. Viruses, 2022, 14, 1522.	3.3	1
4	A Primer on the Analysis of High-Throughput Sequencing Data for Detection of Plant Viruses. Microorganisms, 2021, 9, 841.	3.6	36
5	No Evidence for Seed Transmission of Tomato Yellow Leaf Curl Sardinia Virus in Tomato. Cells, 2021, 10, 1673.	4.1	8
6	The Induction of an Effective dsRNA-Mediated Resistance Against Tomato Spotted Wilt Virus by Exogenous Application of Double-Stranded RNA Largely Depends on the Selection of the Viral RNA Target Region. Frontiers in Plant Science, 2020, 11, 533338.	3.6	28
7	Arbuscular Mycorrhizal Symbiosis Primes Tolerance to Cucumber Mosaic Virus in Tomato. Viruses, 2020, 12, 675.	3.3	23
8	Different Genetic Sources Contribute to the Small RNA Population in the Arbuscular Mycorrhizal Fungus Gigaspora margarita. Frontiers in Microbiology, 2020, 11, 395.	3.5	23
9	Nondestructive Raman Spectroscopy as a Tool for Early Detection and Discrimination of the Infection of Tomato Plants by Two Economically Important Viruses. Analytical Chemistry, 2019, 91, 9025-9031.	6.5	57
10	Impact of high or low levels of phosphorus and high sodium in soils on productivity and stress tolerance of Arundo donax plants. Plant Science, 2019, 289, 110260.	3.6	13
11	Arbuscular Mycorrhizal Symbiosis: Plant Friend or Foe in the Fight Against Viruses?. Frontiers in Microbiology, 2019, 10, 1238.	3.5	52
12	In silico analysis of fungal small RNA accumulation reveals putative plant mRNA targets in the symbiosis between an arbuscular mycorrhizal fungus and its host plant. BMC Genomics, 2019, 20, 169.	2.8	60
13	First Report of Grapevine Latent Viroid Infecting Grapevine (Vitis vinifera) in Italy. Plant Disease, 2018, 102, 1672.	1.4	3
14	Evidence of new viruses infecting freesia hybrids showing necrotic disease. Acta Horticulturae, 2018, , 21-28.	0.2	1
15	A Short Indel-Lacking-Resistance Gene Triggers Silencing of the Photosynthetic Machinery Components Through TYLCSV-Associated Endogenous siRNAs in Tomato. Frontiers in Plant Science, 2018, 9, 1470.	3.6	15
16	The interaction of Lolium latent virus major coat protein with ankyrin repeat protein NbANKr redirects it to chloroplasts and modulates virus infection. Journal of General Virology, 2018, 99, 730-742.	2.9	9
17	Pyramiding <i>Ty</i>-<i>1</i>/<i>Ty</i>-<i>3</i> and <i>Ty</i>-<i>2</i> in tomato hybrids dramatically inhibits symptom expression and accumulation of tomato yellow leaf curl disease inducing viruses. Archives of Phytopathology and Plant Protection, 2017, 50, 213-227.	1.3	33
18	In silico prediction of miRNAs targeting ToLCV and their regulation in susceptible and resistant tomato plants. Australasian Plant Pathology, 2017, 46, 379-386.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Deep Sequencing Data and Infectivity Assays Indicate that Chickpea Chlorotic Dwarf Virus is the Etiological Agent of the â€œHard Fruit Syndromeâ€• of Watermelon. Viruses, 2017, 9, 311.	3.3	18
20	Novel functional microRNAs from virus-free and infected Vitis vinifera plants under water stress. Scientific Reports, 2016, 6, 20167.	3.3	81
21	Comparison of small RNA profiles in Nicotiana benthamiana and Solanum lycopersicum infected by polygonum ringspot tospovirus reveals host-specific responses to viral infection. Virus Research, 2016, 211, 38-45.	2.2	21
22	Small RNA profiles of wild-type and silencing suppressor-deficient tomato spotted wilt virus infected Nicotiana benthamiana. Virus Research, 2015, 208, 30-38.	2.2	34
23	Real-Time PCR Protocols for the Quantification of the Begomovirus Tomato Yellow Leaf Curl Sardinia Virus in Tomato Plants and in Its Insect Vector. Methods in Molecular Biology, 2015, 1236, 61-72.	0.9	13
24	The first complete genome sequences of two distinct European tomato spotted wilt virus isolates. Archives of Virology, 2015, 160, 591-595.	2.1	13
25	Drawing siRNAs of Viral Origin Out from Plant siRNAs Libraries. Methods in Molecular Biology, 2015, 1236, 111-123.	0.9	5
26	From root to fruit: RNA-Seq analysis shows that arbuscular mycorrhizal symbiosis may affect tomato fruit metabolism. BMC Genomics, 2014, 15, 221.	2.8	149
27	The complete genome sequence of polygonum ringspot virus. Archives of Virology, 2014, 159, 3149-3152.	2.1	9
28	The arbuscular mycorrhizal symbiosis attenuates symptom severity and reduces virus concentration in tomato infected by Tomato yellow leaf curl Sardinia virus (TYLCSV). Mycorrhiza, 2014, 24, 179-186.	2.8	61
29	Bioinformatics approaches for viral metagenomics in plants using short RNAs: model case of study and application to a Cicer arietinum population. Frontiers in Microbiology, 2014, 5, 790.	3.5	42
30	Transcriptomics of the Interaction between the Monopartite Phloem-Limited Geminivirus Tomato Yellow Leaf Curl Sardinia Virus and Solanum lycopersicum Highlights a Role for Plant Hormones, Autophagy and Plant Immune System Fine Tuning during Infection. PLoS ONE, 2014, 9, e89951.	2.5	77
31	Analysis of small RNAs derived from tomato yellow leaf curl Sardinia virus reveals a cross reaction between the major viral hotspot and the plant host genome. Virus Research, 2013, 178, 287-296.	2.2	39
32	Genomeâ€wide identification of viral and host transcripts targeted by viral <scp>siRNAs</scp> in <i><scp>V</scp>itis vinifera</i>. Molecular Plant Pathology, 2013, 14, 30-43.	4.2	69
33	Recombination profiles between Tomato yellow leaf curl virus and Tomato yellow leaf curl Sardinia virus in laboratory and field conditions: evolutionary and taxonomic implications. Journal of General Virology, 2012, 93, 2712-2717.	2.9	34
34	Arbuscular Mycorrhizal Symbiosis Limits Foliar Transcriptional Responses to Viral Infection and Favors Long-Term Virus Accumulation. Molecular Plant-Microbe Interactions, 2011, 24, 1562-1572.	2.6	33
35	The complete nucleotide sequence of an isolate of Tomato yellow leaf curl Sardinia virus found in Sicily. Archives of Virology, 2010, 155, 1539-1542.	2.1	1
36	ORTom: a multi-species approach based on conserved co-expression to identify putative functional relationships among genes in tomato. Plant Molecular Biology, 2010, 73, 519-532.	3.9	4

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37	Deep sequencing analysis of viral short RNAs from an infected Pinot Noir grapevine. Virology, 2010, 408, 49-56.	2.4	109
38	Identification of grapevine microRNAs and their targets using high-throughput sequencing and degradome analysis. Plant Journal, 2010, 62, no-no.	5.7	53
39	Bacterial and fungal communities associated with<i>Tuber magnatum</i>â€productive niches. Plant Biosystems, 2010, 144, 323-332.	1.6	45
40	Identification of grapevine microRNAs and their targets using high throughput sequencing and degradome analysis. Plant Journal, 2010, 62, 960-76.	5.7	335
41	Global and cellâ€type gene expression profiles in tomato plants colonized by an arbuscular mycorrhizal fungus. New Phytologist, 2009, 184, 975-987.	7.3	187
42	Two new natural begomovirus recombinants associated with the tomato yellow leaf curl disease co-exist with parental viruses in tomato epidemics in Italy. Virus Research, 2009, 143, 15-23.	2.2	56
43	Comparative Analysis of Expression Profiles in Shoots and Roots of Tomato Systemically Infected by Tomato spotted wilt virus Reveals Organ-Specific Transcriptional Responses. Molecular Plant-Microbe Interactions, 2009, 22, 1504-1513.	2.6	64
44	Functional Annotation and Identification of Candidate Disease Genes by Computational Analysis of Normal Tissue Gene Expression Data. PLoS ONE, 2008, 3, e2439.	2.5	20
45	Phospholipase A2 up-regulation during mycorrhiza formation in Tuber borchii. New Phytologist, 2005, 167, 229-238.	7.3	38