# 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 grapevine microRNAs and their targets using high throughput sequencing and degradome analysis. Plant Journal, 2010, 62, 960-76. | 5.7 | 335 |
| 2 | 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 |
| 3 | 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 |
| 4 | Deep sequencing analysis of viral short RNAs from an infected Pinot Noir grapevine. Virology, 2010, 408, 49-56. | 2.4 | 109 |
| 5 | Novel functional microRNAs from virus-free and infected Vitis vinifera plants under water stress. Scientific Reports, 2016, 6, 20167. | 3.3 | 81 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Identification of grapevine microRNAs and their targets using high-throughput sequencing and degradome analysis. Plant Journal, 2010, 62, no-no. | 5.7 | 53 |
| 14 | Arbuscular Mycorrhizal Symbiosis: Plant Friend or Foe in the Fight Against Viruses?. Frontiers in Microbiology, 2019, 10, 1238. | 3.5 | 52 |
| 15 | Bacterial and fungal communities associated with<i>Tuber magnatum</i>â€productive niches. Plant Biosystems, 2010, 144, 323-332. | 1.6 | 45 |
| 16 | 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 |
| 17 | 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 |
| 18 | Phospholipase A2 up-regulation during mycorrhiza formation in Tuber borchii. New Phytologist, 2005, 167, 229-238. | 7.3 | 38 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | A Primer on the Analysis of High-Throughput Sequencing Data for Detection of Plant Viruses. Microorganisms, 2021, 9, 841. | 3.6 | 36 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Arbuscular Mycorrhizal Symbiosis Primes Tolerance to Cucumber Mosaic Virus in Tomato. Viruses, 2020, 12, 675. | 3.3 | 23 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | The first complete genome sequences of two distinct European tomato spotted wilt virus isolates. Archives of Virology, 2015, 160, 591-595. | 2.1 | 13 |
| 33 | 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 |
| 34 | The complete genome sequence of polygonum ringspot virus. Archives of Virology, 2014, 159, 3149-3152. | 2.1 | 9 |
| 35 | 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 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | No Evidence for Seed Transmission of Tomato Yellow Leaf Curl Sardinia Virus in Tomato. Cells, 2021, 10, 1673. | 4.1 | 8 |
| 38 | Drawing siRNAs of Viral Origin Out from Plant siRNAs Libraries. Methods in Molecular Biology, 2015, 1236, 111-123. | 0.9 | 5 |
| 39 | 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 |
| 40 | First Report of Grapevine Latent Viroid Infecting Grapevine (Vitis vinifera) in Italy. Plant Disease, 2018, 102, 1672. | 1.4 | 3 |
| 41 | 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 |
| 42 | 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 |
| 43 | Evidence of new viruses infecting freesia hybrids showing necrotic disease. Acta Horticulturae, 2018, , 21-28. | 0.2 | 1 |
| 44 | 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 |
| 45 | Women in the European Virus Bioinformatics Center. Viruses, 2022, 14, 1522. | 3.3 | 1 |