Giuseppe Parrella

List of Publications by Year
in descending order

80 papers	1,000 citations	516681 16 h-index	526264 27 g-index
80 all docs	80 docs citations	80 times ranked	927 citing authors

#	Article	IF	Citations
1	Recessive resistance genes against potyviruses are localized in colinear genomic regions of the tomato (Lycopersicon spp.) and pepper (Capsicum spp.) genomes. Theoretical and Applied Genetics, 2002, 105, 855-861.	3.6	82
2	Snow Height Determination by Polarimetric Phase Differences in X-Band SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3794-3810.	4.9	78
3	An EPG Study of the Probing Behavior of Adult <I>Bemisia tabaci</I> Biotype Q (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Over 910-919.	1.8	59
4	Evidence for two distinct subgroups of Alfalfa mosaic virus (AMV) from France and Italy and their relationships with other AMV strains. Archives of Virology, 2000, 145, 2659-2667.	2.1	50
5	Evidence for a new genetic variant in the Bemisia tabaci species complex and the prevalence of the biotype Q in southern Italy. Journal of Pest Science, 2012, 85, 227-238.	3.7	47
6	Functional Expression of the Gene cu, Encoding the Phytotoxic Hydrophobin Cerato-ulmin, Enables Ophiostoma quercus, a Nonpathogen on Elm, to Cause Symptoms of Dutch Elm Disease. Molecular Plant-Microbe Interactions, 2000, 13, 43-53.	2.6	41
7	Seed Transmission of Tomato Leaf Curl New Delhi Virus from Zucchini Squash in Italy. Plants, 2020, 9, 563.	3.5	38
8	Crop Systems, Quality and Protection of Diplotaxis tenuifolia. Agriculture (Switzerland), 2018, 8, 55.	3.1	36
9	Invasion of the <scp>Q2</scp> mitochondrial variant of Mediterranean Bemisia tabaci in southern Italy: possible role of bacterial endosymbionts. Pest Management Science, 2014, 70, 1514-1523.	3.4	34
10	Emergence of tomato leaf curl New Delhi virus in Italy: estimation of incidence and genetic diversity. Plant Pathology, 2019, 68, 601-608.	2.4	31
11	Rapid and Sensitive Detection of Tomato Brown Rugose Fruit Virus in Tomato and Pepper Seeds by Reverse Transcription Loop-Mediated Isothermal Amplification Assays (Real Time and Visual) and Comparison With RT-PCR End-Point and RT-qPCR Methods. Frontiers in Microbiology, 2021, 12, 640932.	3.5	27
12	The Am Gene Controlling Resistance to Alfalfa mosaic virus in Tomato Is Located in the Cluster of Dominant Resistance Genes on Chromosome 6. Phytopathology, 2004, 94, 345-350.	2.2	26
13	Polarimetric Decomposition of L-Band PolSAR Backscattering Over the Austfonna Ice Cap. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1267-1281.	6.3	23
14	First Report of Tomato leaf curl New Delhi virus Associated with Severe Mosaic of Pumpkin in Italy. Plant Disease, 2018, 102, 459.	1.4	22
15	Complete nucleotide sequence of a Spanish isolate of alfalfa mosaic virus: evidence for additional genetic variability. Archives of Virology, 2011, 156, 1049-1052.	2.1	19
16	Tomato brown rugose fruit virus: A pathogen that is changing the tomato production worldwide. Annals of Applied Biology, 2022, 181, 258-274.	2.5	18
17	First report of Parietaria mottle virus in Mirabilis jalapa. Plant Pathology, 2002, 51, 401-401.	2.4	17
18	Survey of the distribution of Bemisia tabaci (Hemiptera: Aleyrodidae) in Lazio region (Central Italy): a threat for the northward expansion of Tomato leaf curl New Delhi virus (Begomovirus:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (Gem	1.1	17

#	Article	IF	Citations
19	Plantago asiatica mosaic virus Found in Protected Crops of Lily Hybrids in Southern Italy. Plant Disease, 2015, 99, 1289-1289.	1.4	17
20	High-Throughput Sequencing Reveals Cyclamen persicum Mill. as a Natural Host for Fig Mosaic Virus. Viruses, 2018, 10, 684.	3.3	16
21	Impact of alfalfa mosaic virus subgroup I and II isolates on terpene secondary metabolism of Lavandula vera D.C., LavandulaÃ—alardii and eight cultivars of L. hybrida Rev.. Physiological and Molecular Plant Pathology, 2006, 68, 189-197.	2.5	15
22	First Report of an Isolate of Pelargonium zonate spot virus in Commercial Glasshouse Tomato Crops in Southeastern France. Plant Disease, 2002, 86, 1052-1052.	1.4	14
23	First Record and Complete Nucleotide Sequence of Alfalfa mosaic virus from Lavandula stoechas in Italy. Plant Disease, 2010, 94, 924-924.	1.4	12
24	First Report of China Rose (Hibiscus rosa-sinensis) as a Host of Alfalfa mosaic virus in Spain. Plant Disease, 2012, 96, 462-462.	1.4	11
25	First Report of Tomato apical stunt viroid in Tomato in Italy. Plant Disease, 2014, 98, 1164-1164.	1.4	11
26	First Report of Tomato Leaf Curl New Delhi Virus Causing Yellow Leaf Curl of Pepper in Europe. Plant Disease, 2019, 103, 2970-2970.	1.4	11
27	Sweet potato feathery mottle virus is the casual agent of sweetpotato virus disease in Italy. Plant Pathology, 2006, 55, 818-818.	2.4	9
28	Severe outbreaks of parietaria mottle virus in tomato in Sardinia, southern Italy. Journal of Plant Pathology, 2020, 102, 915-915.	1.2	9
29	Severe Symptoms of Mosaic and Necrosis in Bell Pepper Associated With Parietaria mottle virus in Italy. Plant Disease, 2016, 100, 1514-1514.	1.4	9
30	TOMATO GENOTYPES RESISTANT TO TOMATO SPOTTED WILT VIRUS EVALUATED IN OPEN FIELD CROPS IN SOUTHERN ITALY. Acta Horticulturae, 2008, , 147-150.	0.2	9
31	First report of Olive latent virus 2 in wild castor bean (Ricinus communis) in Italy. Plant Pathology, 2008, 57, 392-392.	2.4	8
32	Identification of a new pathotype of Bean yellow mosaic virus (BYMV) infecting blue passion flower and some evolutionary characteristics of BYMV. Archives of Virology, 2009, 154, 1689-1694.	2.1	8
33	Change in Chemical Composition of Sweet Basil (Ocimum basilicum L.) Essential Oil Caused by Alfalfa mosaic virus. Journal of Phytopathology, 2016, 164, 202-206.	1.0	8
34	Dieback and Wilting Caused by Tomato spotted wilt virus in Arctotis Ã— hybrida in Italy. Plant Disease, 2013, 97, 1387-1387.	1.4	8
35	Model-Based Interpretation of PolSAR Data for the Characterization of Glacier Zones in Greenland. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11593-11607.	4.9	8
36	Different Infectivity of Mediterranean and Southern Asian Tomato Leaf Curl New Delhi Virus Isolates in Cucurbit Crops. Plants, 2022, 11, 704.	3.5	8

#	Article	IF	Citations
37	Identification of a Cucumber mosaic virus Isolate from Passiflora edulis in Southern Italy and Validation of Subgroup Identification by In Silico Restriction Fragment Length Polymorphism. Journal of Phytopathology, 2009, 157, 762-767.	1.0	7
38	Cytofluorimetric Method for the Detection of the Cucumber Mosaic Virus. Phytopathology, 1996, 86, 959.	2.2	7
39	FIRST RECORD OF COLUMNEA LATENT VIROID (CLVD) IN TOMATO IN ITALY. Acta Horticulturae, 2011, , 149-152.	0.2	7
40	Tomato Leaf Curl New Delhi Virus Found Associated with Eggplant Yellowing Disease in Italy. Plant Disease, 2020, 104, 2034-2034.	1.4	6
41	Distribution and Genetic Variability of Bemisia tabaci Cryptic Species (Hemiptera: Aleyrodidae) in Italy. Insects, 2021, 12, 521.	2.2	6
42	First Report of Parietaria mottle virus Associated With Yellowing Disease in Diplotaxis tenuifolia in Italy. Plant Disease, 2017, 101, 850.	1.4	6
43	THE PRESENT STATUS OF TOMATO VIRUSES IN ITALY. Acta Horticulturae, 2005, , 37-42.	0.2	6
44	On the Interpretation of Polarimetric Phase Differences in SAR Data Over Land Ice. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 192-196.	3.1	5
45	Sources of resistance in wild Solanum germplasm (section Lycopersicon) to parietaria mottle virus, an emerging virus in the Mediterranean basin. Plant Pathology, 2020, 69, 1018-1025.	2.4	5
46	First Report of Alfalfa Mosaic Virus in Chayote in Italy. Plant Disease, 2021, 105, 698-698.	1.4	5
47	Detection of Parietaria Mottle Virus by RT-qPCR: An Emerging Virus Native of Mediterranean Area That Undermine Tomato and Pepper Production in Southern Italy. Frontiers in Plant Science, 2021, 12, 698573.	3.6	5
48	Urtica membranacea: A New Host for Tomato yellow leaf curl virus and Tomato yellow leaf curl Sardinia virus in Italy. Plant Disease, 2016, 100, 539.	1.4	5
49	First Record of Alfalfa mosaic virus in Teucrium fruticans in Italy. Plant Disease, 2012, 96, 294-294.	1.4	5
50	Short communication. First report of Eggplant mottled dwarf virus in China rose in southern Spain. Spanish Journal of Agricultural Research, 2013, 11, 204.	0.6	5
51	Biodiversity of viruses infecting tomato in Italy: methods for diagnosis and diversification*. EPPO Bulletin, 2000, 30, 301-304.	0.8	4
52	Molecular tagging of the Am gene from Lycopersicon hirsutum f. glabratum PI 134417 using AFLP markers. Acta Physiologiae Plantarum, 2000, 22, 291-293.	2.1	4
53	Interveinal Yellowing Caused by Tomato infectious chlorosis virus in Lettuce and Escarole in Southern Italy. Journal of Phytopathology, 2008, 156, 190-192.	1.0	4
54	PolSAR-Ap: Exploitation of fully polarimetric SAR data for application demonstration. , 2015, , .		4

#	Article	IF	Citations
55	Sensitivity of polarimetric SAR interferometry data to different vertical subsurface structures of the Greenland ice sheet. , 2017, , .		4
56	First report of brown leaf spot caused by Alternaria alternata on cast iron plant (Aspidistra elatior) in Italy. Journal of Plant Pathology, 2018, 100, 117-117.	1.2	4
57	Cytopathology, biology and molecular characterization of two Italian isolates of Malva vein clearing virus. Plant Science Today, 2015, 2, 69-73.	0.7	4
58	Sequence variation of block III segment identifies three distinct lineages within Eggplant mottled dwarf virus isolates from Italy, Spain and Greece. Acta Virologica, 2016, 60, 100-105.	0.8	4
59	Araujia sericifera New Host of Alfalfa mosaic virus in Italy. Plant Disease, 2013, 97, 1387-1387.	1.4	4
60	A New Ilarvirus Found in French Hydrangea. Plants, 2022, 11, 944.	3.5	4
61	Molecular and serological detection of Parietaria mottle virus in Phytolacca americana, a new host of the virus. Phytopathologia Mediterranea, 2021, 60, 101-104.	1.3	3
62	Retrieval of Firn Thickness by Means of Polarisation Phase Differences in L-Band SAR Data. Remote Sensing, 2021, 13, 4448.	4.0	3
63	Typing of tomato yellow leaf curl viruses and their vector in Italy. Communications in Agricultural and Applied Biological Sciences, 2006, 71, 1229-36.	0.0	3
64	3-D glacier subsurface characterization using SAR polarimetry. , 2015, , .		2
65	CHROMATOGRAPHIC (GC-MS) AND VIROLOGICAL EVALUATIONS OF LAVANDULA HYBRIDA Â´ALARDIÂ´ INFECTED BY ALFALFA MOSAIC VIRUS. Acta Horticulturae, 2006, , 387-392.	0.2	2
66	Characterization of a â€˜CandidatusPhytoplasma asterisâ€™ strains associated with periwinkle virescence in Southern Italy. Phytopathogenic Mollicutes, 2014, 4, 53.	0.1	2
67	EPIDEMICS OF TYLCSV AND TYLCV IN TOMATO CROPS IN CALABRIA (SOUTHERN ITALY). Acta Horticulturae, 2008, , 141-146.	0.2	2
68	First Report of Cucumber mosaic virus Subgroup IA Isolate Infecting Yucca aloifolia in Italy. Plant Disease, 2014, 98, 1284-1284.	1.4	2
69	Ice volume characterization using long-wavelength airborne PolSAR data. , 2012, , .		1
70	Snow properties retrieval using TerraSAR-X dual-polarization data. , 2012, , .		1
71	Relating co-polarization phase difference at L-band over land ice to the structure of snow and firn layers. , 2014, , .		1
72	Interpretation of Polarimetric and Tomographic Signatures from Glacier Subsurface: the K-Transect Case Study. , 2019, , .		1

#	Article	IF	Citations
73	Multilocus typing for characterization of â€˜Candidatus Phytoplasma asterisâ€™-related strains in several ornamental species in Italy. Acta Horticulturae, 2018, , 55-62.	0.2	1
74	ANALYSIS OF THE SPATIAL SPREAD OF TWO BEGOMOVIRUSES, TYLCV AND TYLCSV, IN TOMATO HYDROPONICS IN CALABRIA REGION, ITALY. Acta Horticulturae, 2008, , 127-132.	0.2	0
75	Future mission concepts for measuring snow mass. , 2017, , .		0
76	Investigating the Potential to Estimate Insar Penetration Depth Over Ice Sheets from Pol-Insar Data. , 2019, , .		0
77	Complementarity and Potential of Polsar and Tomosar for Glacier Subsurface Characterization. , 2021, , .		0
78	EFFICIENCY OF POT-1 MEDIATED RESISTANCE IN LYCOPERSICON HIRSUTUM PI 247087 TOWARDS ITALIAN PVY ISOLATES. Acta Horticulturae, 2005, , 327-330.	0.2	0
79	First report of Sweet potato virus G in sweet potato in Italy. New Disease Reports, 2021, 44, e12050.	0.8	0
80	Pyramiding disease resistance in tomato by duplex PCR targeting resistance genes and exploiting gene linkage. Crop Breeding and Applied Biotechnology, 2022, 22, .	0.4	0