Francesco Di Serio

List of Publications by Year
in descending order

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154	4,515	109321	114465
papers	citations	35 h-index	63 g-index

162	162	162	3077
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A scenario for the emergence of protoviroids in the RNA world and for their further evolution into viroids and viroid-like RNAs by modular recombinations and mutations. Virus Evolution, 2022, 8, veab107.	4.9	13
2	In memoriam of Ricardo Flores: The career, achievements, and legacy of an inspirational plant virologist. Virus Research, 2022, 312, 198718.	2.2	2
3	Reassessing species demarcation criteria in viroid taxonomy by pairwise identity matrices. Virus Evolution, 2021, 7, veab001.	4.9	13
4	ICTV Virus Taxonomy Profile: Pospiviroidae. Journal of General Virology, 2021, 102, .	2.9	33
5	Degradome Analysis of Tomato and Nicotiana benthamiana Plants Infected with Potato Spindle Tuber Viroid. International Journal of Molecular Sciences, 2021, 22, 3725.	4.1	13
6	Watermelon crinkle leaf-associated virus 1 and watermelon crinkle leaf-associated virus 2 have a bipartite genome with molecular signatures typical of the members of the genus Coguvirus (family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		19
7	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
8	Identification, full-length genome sequencing, and field survey of citrus vein enation virus in Italy. Phytopathologia Mediterranea, 2021, 60, 293-301.	1.3	2
9	Advances in Viroid-Host Interactions. Annual Review of Virology, 2021, 8, 305-325.	6.7	49
10	Identification and Characterization of Citrus Concave Gum-Associated Virus Infecting Citrus and Apple Trees by Serological, Molecular and High-Throughput Sequencing Approaches. Plants, 2021, 10, 2390.	3.5	10
11	Pest categorisation of potato virus M (nonâ€EU isolates). EFSA Journal, 2020, 18, e05854.	1.8	5
12	Pest categorisation of potato virus S (nonâ€EU isolates). EFSA Journal, 2020, 18, e05855.	1.8	0
13	List of nonâ€EU Scolytinae of coniferous hosts. EFSA Journal, 2020, 18, e05933.	1.8	2
14	Pest categorisation of potato virus Y (nonâ€EU isolates). EFSA Journal, 2020, 18, e05938.	1.8	2
15	Genomic sequence variability of an Italian Zucchini yellow mosaic virus isolate. European Journal of Plant Pathology, 2020, 156, 325-332.	1.7	5
16	Pest categorisation of Naupactus leucoloma. EFSA Journal, 2020, 18, e06104.	1.8	0
17	Pest categorisation of tomato leaf curl New Delhi virus. EFSA Journal, 2020, 18, e06179.	1.8	4
18	Pest categorisation of the Andean Potato Weevil (APW) complex (Coleoptera: Curculionidae). EFSA Journal, 2020, 18, e06176.	1.8	1

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19	Novel Fig-Associated Viroid-Like RNAs Containing Hammerhead Ribozymes in Both Polarity Strands Identified by High-Throughput Sequencing. Frontiers in Microbiology, 2020, 11, 1903.	3.5	7
20	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2020, 165, 3023-3072.	2.1	184
21	Viroid pathogenesis: a critical appraisal of the role of RNA silencing in triggering the initial molecular lesion. FEMS Microbiology Reviews, 2020, 44, 386-398.	8.6	26
22	Commodity risk assessment of Malus domestica plants from Serbia. EFSA Journal, 2020, 18, e06109.	1.8	0
23	Pest categorisation of Spodoptera eridania. EFSA Journal, 2020, 18, e05932.	1.8	5
24	Commodity risk assessment of AcerÂspp. plants from New Zealand. EFSA Journal, 2020, 18, e06105.	1.8	2
25	Pest categorisation of Nemorimyza maculosa. EFSA Journal, 2020, 18, e06036.	1.8	0
26	Commodity risk assessment of Robinia pseudoacacia plants from Israel. EFSA Journal, 2020, 18, e06039.	1.8	0
27	Discovery and Survey of a New Mandarivirus Associated with Leaf Yellow Mottle Disease of Citrus in Pakistan. Plant Disease, 2020, 104, 1593-1600.	1.4	10
28	Commodity risk assessment of Albizia julibrissin plants from Israel. EFSA Journal, 2020, 18, e05941.	1.8	2
29	Pest categorisation of nonâ€EU Scolytinae of coniferous hosts. EFSA Journal, 2020, 18, e05934.	1.8	2
30	Pest categorisation of Saperda tridentata. EFSA Journal, 2020, 18, e05940.	1.8	0
31	Pest categorisation of Helicoverpa zea. EFSA Journal, 2020, 18, e06177.	1.8	2
32	Pest categorisation of potato virus V (nonâ€EU isolates). EFSA Journal, 2020, 18, e05936.	1.8	0
33	List of nonâ€EU viruses and viroids infecting potato (Solanum tuberosum) and other tuberâ€forming Solanum species. EFSA Journal, 2020, 18, e05852.	1.8	3
34	Pest categorisation of nonâ€EU viruses and viroids of potato. EFSA Journal, 2020, 18, e05853.	1.8	12
35	Pest categorisation of potato virus A (nonâ€EU isolates). EFSA Journal, 2020, 18, e05935.	1.8	0
36	Pest categorisation of potato virus X (nonâ€EU isolates). EFSA Journal, 2020, 18, e05937.	1.8	1

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37	Pest categorisation of potato leafroll virus (nonâ€EU isolates). EFSA Journal, 2020, 18, e05939.	1.8	0
38	Pest categorisation of nonâ€EU viruses of Rubus L.. EFSA Journal, 2020, 18, e05928.	1.8	6
39	Pest categorisation of nonâ€EU Tephritidae. EFSA Journal, 2020, 18, e05931.	1.8	10
40	List of nonâ€EU phytoplasmas of Cydonia Mill., Fragaria L., Malus Mill., Prunus L., Pyrus L., Ribes L., Rubus L. and Vitis L.. EFSA Journal, 2020, 18, e05930.	1.8	1
41	Pest categorisation of the nonâ€EU phytoplasmas of Cydonia Mill., Fragaria L., Malus Mill., Prunus L., Pyrus L., Ribes L., Rubus L. and Vitis L.. EFSA Journal, 2020, 18, e05929.	1.8	7
42	Pest categorisation of Liriomyza sativae. EFSA Journal, 2020, 18, e06037.	1.8	2
43	Pest categorisation of Liriomyza bryoniae. EFSA Journal, 2020, 18, e06038.	1.8	2
44	Simultaneous detection of citrus concave gum-associated virus (CCGaV) and citrus virus A (CiVA) by multiplex RT-PCR. Journal of Plant Pathology, 2020, 102, 655-661.	1.2	8
45	Pest categorisation of Exomala orientalis. EFSA Journal, 2020, 18, e06103.	1.8	0
46	Symptomatic plant viroid infections in phytopathogenic fungi: A request for a critical reassessment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10126-10128.	7.1	14
47	Pest categorisation of Spodoptera litura. EFSA Journal, 2019, 17, e05765.	1.8	17
48	Identification and Characterization of a Novel Emaravirus Associated With Jujube (Ziziphus jujuba) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	35
49	Pest categorisation of nonâ€EU Cicadomorpha vectors of Xylella spp.. EFSA Journal, 2019, 17, e05736.	1.8	9
50	Two Novel Negative-Sense RNA Viruses Infecting Grapevine Are Members of a Newly Proposed Genus within the Family Phenuiviridae. Viruses, 2019, 11, 685.	3.3	27
51	Molecular variability of apple hammerhead viroid from Italian apple varieties supports the relevance in vivo of its branched conformation stabilized by a kissing loop interaction. Virus Research, 2019, 270, 197644.	2.2	8
52	Pest categorisation of nonâ€EU viruses of Fragaria L.. EFSA Journal, 2019, 17, e05766.	1.8	3
53	Pest categorisation of nonâ€EU viruses and viroids of Cydonia Mill., Malus Mill. and Pyrus L.. EFSA Journal, 2019, 17, e05590.	1.8	7
54	Pest categorisation of nonâ€EU viruses and viroids of Vitis L.. EFSA Journal, 2019, 17, e05669.	1.8	6

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55	Risk assessment of the entry of PantoeaÂstewartii subsp. stewartii on maize seed imported by the EU from the USA. EFSA Journal, 2019, 17, e05851.	1.8	4
56	List of nonâ€EU viruses and viroids of Cydonia Mill., Fragaria L., Malus Mill., Prunus L., Pyrus L., Ribes L., Rubus L. and Vitis L.. EFSA Journal, 2019, 17, e05501.	1.8	15
57	Pest categorisation of nonâ€EU viruses and viroids of Prunus L.. EFSA Journal, 2019, 17, e05735.	1.8	5
58	Pest categorisation of PhymatotrichopsisÂomnivora. EFSA Journal, 2019, 17, e05619.	1.8	0
59	Commodity risk assessment of black pine (PinusÂthunbergii Parl.) bonsai from Japan. EFSA Journal, 2019, 17, e05667.	1.8	26
60	Citrus tristeza virus: Host RNA Silencing and Virus Counteraction. Methods in Molecular Biology, 2019, 2015, 195-207.	0.9	8
61	Detection of Citrus tristeza virus and Coinfecting Viroids. Methods in Molecular Biology, 2019, 2015, 67-78.	0.9	2
62	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
63	Update of the Scientific Opinion on the risks to plant health posed by Xylella fastidiosa in the EU territory. EFSA Journal, 2019, 17, e05665.	1.8	79
64	Pest categorisation of the RalstoniaÂsolanacearum species complex. EFSA Journal, 2019, 17, e05618.	1.8	8
65	Pest categorisation of PseudopityophthorusÂminutissimus and P.Âpruinosus. EFSA Journal, 2019, 17, e05513.	1.8	1
66	Pest categorisation of ScaphoideusÂluteolus. EFSA Journal, 2019, 17, e05616.	1.8	0
67	Effectiveness of in planta control measures for XylellaÂfastidiosa. EFSA Journal, 2019, 17, e05666.	1.8	25
68	Guidance on commodity risk assessment for the evaluation of high risk plants dossiers. EFSA Journal, 2019, 17, e05668.	1.8	49
69	Pest categorisation of nonâ€EU Choristoneura spp.. EFSA Journal, 2019, 17, e05671.	1.8	0
70	Pest categorisation of nonâ€EU Margarodidae. EFSA Journal, 2019, 17, e05672.	1.8	0
71	Reassessment of Viroid RNA Cytosine Methylation Status at the Single Nucleotide Level. Viruses, 2019, 11, 357.	3.3	6
72	Pest categorisation of ClavibacterÂsepedonicus. EFSA Journal, 2019, 17, e05670.	1.8	4

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73	How sequence variants of a plastid-replicating viroid with one single nucleotide change initiate disease in its natural host. RNA Biology, 2019, 16, 906-917.	3.1	19
74	Pest categorisation of ThripsÂpalmi. EFSA Journal, 2019, 17, e05620.	1.8	2
75	Pest categorisation of ArrhenodesÂminutus. EFSA Journal, 2019, 17, e05617.	1.8	1
76	Pest categorisation of Diabrotica virgifera zeae. EFSA Journal, 2019, 17, e05858.	1.8	4
77	Pest categorisation of nonâ€EU Acleris spp.. EFSA Journal, 2019, 17, e05856.	1.8	0
78	Pest categorisation of Diabrotica barberi. EFSA Journal, 2019, 17, e05857.	1.8	2
79	Pest categorisation of nonâ€EU viruses of Ribes L.. EFSA Journal, 2019, 17, e05859.	1.8	4
80	Double-Stranded RNA-Enriched Preparations to Identify Viroids by Next-Generation Sequencing. Methods in Molecular Biology, 2018, 1746, 37-43.	0.9	7
81	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018. Archives of Virology, 2018, 163, 2295-2310.	2.1	157
82	The first phleboâ€like virus infecting plants: a case study on the adaptation of negativeâ€stranded RNA viruses to new hosts. Molecular Plant Pathology, 2018, 19, 1075-1089.	4.2	72
83	Pest categorisation of SternochetusÂmangiferae. EFSA Journal, 2018, 16, e05439.	1.8	1
84	Pest categorisation of AcrobasisÂpirivorella. EFSA Journal, 2018, 16, e05440.	1.8	0
85	Pest categorisation of StagonosporopsisÂandigena. EFSA Journal, 2018, 16, e05441.	1.8	0
86	Pest categorisation of MelampsoraÂfarlowii. EFSA Journal, 2018, 16, e05442.	1.8	0
87	Pest categorisation of Cronartium harknessii, Cronartium kurilense and Cronartium sahoanum. EFSA Journal, 2018, 16, e05443.	1.8	0
88	Pest categorisation of PhyllostictaÂsolitaria. EFSA Journal, 2018, 16, e05510.	1.8	0
89	Pest categorisation of Gymnosporangium spp. (nonâ€EU). EFSA Journal, 2018, 16, e05512.	1.8	1
90	Pest categorisation of Grapholita prunivora. EFSA Journal, 2018, 16, e05517.	1.8	0

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91	Pest categorisation of ConotrachelusÂnenuphar. EFSA Journal, 2018, 16, e05437.	1.8	1
92	Pest categorisation of GrapholitaÂinopinata. EFSA Journal, 2018, 16, e05515.	1.8	0
93	Pest categorisation of nonâ€EU Monochamus spp.. EFSA Journal, 2018, 16, e05435.	1.8	3
94	Pest categorisation of Cronartium spp. (nonâ€EU). EFSA Journal, 2018, 16, e05511.	1.8	0
95	Pest categorisation of Aleurocanthus spp.. EFSA Journal, 2018, 16, e05436.	1.8	5
96	Viroid Diseases in Pome and Stone Fruit Trees and Kochâ€™s Postulates: A Critical Assessment. Viruses, 2018, 10, 612.	3.3	26
97	Pest categorisation of PopilliaÂjaponica. EFSA Journal, 2018, 16, e05438.	1.8	8
98	Pest categorisation of SeptoriaÂmalagutii. EFSA Journal, 2018, 16, e05509.	1.8	0
99	Pest categorisation of Carposina sasakii. EFSA Journal, 2018, 16, e05516.	1.8	0
100	Pest categorisation of Arceuthobium spp. (nonâ€EU). EFSA Journal, 2018, 16, e05384.	1.8	1
101	A Negative-Stranded RNA Virus Infecting Citrus Trees: The Second Member of a New Genus Within the Order Bunyavirales. Frontiers in Microbiology, 2018, 9, 2340.	3.5	53
102	Pest categorisation of ThecaphoraÂsolani. EFSA Journal, 2018, 16, e05445.	1.8	2
103	ICTV Virus Taxonomy Profile: Avsunviroidae. Journal of General Virology, 2018, 99, 611-612.	2.9	53
104	Actinidia chlorotic ringspotâ€associated virus: a novel emaravirus infecting kiwifruit plants. Molecular Plant Pathology, 2017, 18, 569-581.	4.2	79
105	Engineering resistance against viroids. Current Opinion in Virology, 2017, 26, 1-7.	5.4	15
106	Identification and characterization of privet leaf blotchâ€associated virus, a novel idaeovirus. Molecular Plant Pathology, 2017, 18, 925-936.	4.2	22
107	Viroid Pathogenesis. , 2017, , 93-103.		2
108	Origin and Evolution of Viroids. , 2017, , 125-134.		10

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109	Viroid Taxonomy. , 2017, , 135-146.		15
110	Other Apscaviroids Infecting Pome Fruit Trees. , 2017, , 229-241.		6
111	Peach Latent Mosaic Viroid in Infected Peach. , 2017, , 307-316.		1
112	Molecular Hybridization Techniques for Detecting and Studying Viroids. , 2017, , 369-379.		8
113	Small Circular Satellite RNAs. , 2017, , 659-669.		12
114	A nuclear-replicating viroid antagonizes infectivity and accumulation of a geminivirus by upregulating methylation-related genes and inducing hypermethylation of viral DNA. Scientific Reports, 2016, 6, 35101.	3.3	29
115	Viroids, the simplest RNA replicons: How they manipulate their hosts for being propagated and how their hosts react for containing the infection. Virus Research, 2015, 209, 136-145.	2.2	96
116	Identification and molecular characterization of a novel monopartite geminivirus associated with mulberry mosaic dwarf disease. Journal of General Virology, 2015, 96, 2421-2434.	2.9	67
117	Identification and characterization of a novel geminivirus with a monopartite genome infecting apple trees. Journal of General Virology, 2015, 96, 2411-2420.	2.9	62
118	Viroid RNA turnover: characterization of the subgenomic RNAs of potato spindle tuber viroid accumulating in infected tissues provides insights into decay pathways operating in vivo. Nucleic Acids Research, 2015, 43, 2313-2325.	14.5	24
119	Viroid-like RNAs from cherry trees affected by leaf scorch disease: further data supporting their association with mycoviral double-stranded RNAs. Archives of Virology, 2014, 159, 589-593.	2.1	22
120	Current status of viroid taxonomy. Archives of Virology, 2014, 159, 3467-3478.	2.1	151
121	Specific Argonautes Selectively Bind Small RNAs Derived from Potato Spindle Tuber Viroid and Attenuate Viroid Accumulation In Vivo. Journal of Virology, 2014, 88, 11933-11945.	3.4	97
122	Survey on viroids infecting grapevine in Italy: identification and characterization of Australian grapevine viroid and Grapevine yellow speckle viroid 2. European Journal of Plant Pathology, 2014, 140, 199-205.	1.7	27
123	Identification and characterization of a viroid resembling apple dimple fruit viroid in fig (Ficus carica) Tj ETQq1 1 0.784314 rgBT /Over	2.2	45
124	The genetic diversity of Citrus dwarfing viroid populations is mainly dependent on the infected host species. Journal of General Virology, 2013, 94, 687-693.	2.9	19
125	Viroids: How to infect a host and cause disease without encoding proteins. Biochimie, 2012, 94, 1474-1480.	2.6	81
126	A single polyprobe for detecting simultaneously eight pospiviroids infecting ornamentals and vegetables. Journal of Virological Methods, 2012, 186, 141-146.	2.1	25

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127	Viroids: From Genotype to Phenotype Just Relying on RNA Sequence and Structural Motifs. Frontiers in Microbiology, 2012, 3, 217.	3.5	68
128	Development and validation of a multiplex RT-PCR method for the simultaneous detection of five grapevine viroids. Journal of Virological Methods, 2012, 179, 62-69.	2.1	59
129	Small RNAs containing the pathogenic determinant of a chloroplastâ€replicating viroid guide the degradation of a host mRNA as predicted by RNA silencing. Plant Journal, 2012, 70, 991-1003.	5.7	192
130	Cytopathic Effects Incited by Viroid RNAs and Putative Underlying Mechanisms. Frontiers in Plant Science, 2012, 3, 288.	3.6	18
131	Somatic embryogenesis efficiently eliminates viroid infections from grapevines. European Journal of Plant Pathology, 2011, 130, 511-519.	1.7	34
132	Citrus tristeza virus infection induces the accumulation of viral small RNAs (21â€“24-nt) mapping preferentially at the 3â€²-terminal region of the genomic RNA and affects the host small RNA profile. Plant Molecular Biology, 2011, 75, 607-619.	3.9	73
133	RNA-Dependent RNA Polymerase 6 Delays Accumulation and Precludes Meristem Invasion of a Viroid That Replicates in the Nucleus. Journal of Virology, 2010, 84, 2477-2489.	3.4	147
134	Deep Sequencing of Viroid-Derived Small RNAs from Grapevine Provides New Insights on the Role of RNA Silencing in Plant-Viroid Interaction. PLoS ONE, 2009, 4, e7686.	2.5	130
135	Deep Sequencing of the Small RNAs Derived from Two Symptomatic Variants of a Chloroplastic Viroid: Implications for Their Genesis and for Pathogenesis. PLoS ONE, 2009, 4, e7539.	2.5	82
136	Sequences of the smallest double-stranded RNAs associated with cherry chlorotic rusty spot and Amasya cherry diseases. Archives of Virology, 2008, 153, 759-762.	2.1	19
137	Viroids: Molecular implements for dissecting RNA trafficking in plants. RNA Biology, 2008, 5, 128-131.	3.1	16
138	First Report of Cucumber mosaic virus Infecting Solanum jasminoides in Italy. Plant Disease, 2008, 92, 1585-1585.	1.4	3
139	A Viroid RNA with a Specific Structural Motif Inhibits Chloroplast Development. Plant Cell, 2007, 19, 3610-3626.	6.6	100
140	Peach latent mosaic viroid: not so latent. Molecular Plant Pathology, 2006, 7, 209-221.	4.2	36
141	Close structural relationship between two hammerhead viroid-like RNAs associated with cherry chlorotic rusty spot disease. Archives of Virology, 2006, 151, 1539-1549.	2.1	15
142	Variants of Peach latent mosaic viroid inducing peach calico: uneven distribution in infected plants and requirements of the insertion containing the pathogenicity determinant. Journal of General Virology, 2006, 87, 231-240.	2.9	54
143	Molecular characterization of the largest mycoviral-like double-stranded RNAs associated with Amasya cherry disease, a disease of presumed fungal aetiology. Journal of General Virology, 2006, 87, 3113-3117.	2.9	22
144	An Element of the Tertiary Structure of Peach Latent Mosaic Viroid RNA Revealed by UV Irradiation. Journal of Virology, 2006, 80, 9336-9340.	3.4	14

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145	Viroids and Viroid-Host Interactions. Annual Review of Phytopathology, 2005, 43, 117-139.	7.8	395
146	Cherry chlorotic rusty spot and Amasya cherry diseases are associated with a complex pattern of mycoviral-like double-stranded RNAs. I. Characterization of a new species in the genus Chrysovirus. Journal of General Virology, 2004, 85, 3389-3397.	2.9	65
147	Cherry chlorotic rusty spot and Amasya cherry diseases are associated with a complex pattern of mycoviral-like double-stranded RNAs. II. Characterization of a new species in the genus Partitivirus. Journal of General Virology, 2004, 85, 3399-3403.	2.9	37
148	Peach latent mosaic viroid variants inducing peach calico (extreme chlorosis) contain a characteristic insertion that is responsible for this symptomatology. Virology, 2003, 313, 492-501.	2.4	90
149	First Report of Peach latent mosaic viroid and Hop stunt viroid Infecting Peach Trees in the Czech Republic. Plant Disease, 2003, 87, 1537-1537.	1.4	1
150	Local expression of enzymatically active class I Î²-1, 3-glucanase enhances symptoms of TMV infection in tobacco. Plant Journal, 2001, 28, 361-369.	5.7	153
151	Sense- and antisense-mediated gene silencing in tobacco is inhibited by the same viral suppressors and is associated with accumulation of small RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 6506-6510.	7.1	56
152	Viroids: The Noncoding Genomes. Seminars in Virology, 1997, 8, 65-73.	3.9	93
153	The role of plant viroids in diseases - new developments.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-6.	1.0	2
154	Ricardo Flores PedauyÃ© (1947 - 2020). Journal of Plant Pathology, 0, , 1.	1.2	0