Shahid Mansoor

List of Publications by Year
in descending order

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220	10,304	41344	42399
papers	citations	49 h-index	92 g-index

228	228	228	6194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Repeated polyploidization of Gossypium genomes and the evolution of spinnable cotton fibres. Nature, 2012, 492, 423-427.	27.8	1,204
2	Geminiviruses: masters at redirecting and reprogramming plant processes. Nature Reviews Microbiology, 2013, 11, 777-788.	28.6	601
3	Universal Primers for the PCR-Mediated Amplification of DNA Î² A Molecule Associated with Some Monopartite Begomoviruses. Molecular Biotechnology, 2002, 20, 315-318.	2.4	408
4	Diversity of DNA Î², a satellite molecule associated with some monopartite begomoviruses. Virology, 2003, 312, 106-121.	2.4	391
5	Geminivirus disease complexes: an emerging threat. Trends in Plant Science, 2003, 8, 128-134.	8.8	324
6	Identification of a Novel Circular Single-Stranded DNA Associated with Cotton Leaf Curl Disease in Pakistan. Virology, 1999, 259, 190-199.	2.4	216
7	Genome Editing: Targeting Susceptibility Genes for Plant Disease Resistance. Trends in Biotechnology, 2018, 36, 898-906.	9.3	215
8	Diversity of DNA 1: a satellite-like molecule associated with monopartite begomovirusâ€“DNA Î² complexes. Virology, 2004, 324, 462-474.	2.4	203
9	Cotton leaf curl disease is associated with multiple monopartite begomoviruses supported by single DNA ?. Archives of Virology, 2003, 148, 1969-1986.	2.1	185
10	Engineering abiotic stress tolerance via CRISPR/ Cas-mediated genome editing. Journal of Experimental Botany, 2020, 71, 470-479.	4.8	184
11	Geminivirus disease complexes: the threat is spreading. Trends in Plant Science, 2006, 11, 209-212.	8.8	164
12	A Single Complementary-Sense Transcript of a Geminiviral DNA Î² Satellite Is Determinant of Pathogenicity. Molecular Plant-Microbe Interactions, 2005, 18, 7-14.	2.6	150
13	Engineering novel traits in plants through RNA interference. Trends in Plant Science, 2006, 11, 559-565.	8.8	148
14	Post-transcriptional gene silencing suppressor activity of two non-pathogenic alphasatellites associated with a begomovirus. Virology, 2010, 405, 300-308.	2.4	141
15	Engineering Plant Immunity: Using CRISPR/Cas9 to Generate Virus Resistance. Frontiers in Plant Science, 2016, 7, 1673.	3.6	141
16	Suppressors of RNA Silencing Encoded by the Components of the Cotton Leaf Curl Begomovirus-BetaSatellite Complex. Molecular Plant-Microbe Interactions, 2011, 24, 973-983.	2.6	133
17	New plant breeding technologies for food security. Science, 2019, 363, 1390-1391.	12.6	125
18	A RanGAP protein physically interacts with the NBâ€LRR protein Rx, and is required for Rxâ€mediated viral resistance. Plant Journal, 2007, 52, 82-93.	5.7	124

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19	CRISPR-Cpf1: A New Tool for Plant Genome Editing. Trends in Plant Science, 2017, 22, 550-553.	8.8	124
20	Tomato leaf curl New Delhi virus: a widespread bipartite begomovirus in the territory of monopartite begomoviruses. Molecular Plant Pathology, 2017, 18, 901-911.	4.2	106
21	Cotton leaf curl disease in resistant cotton is associated with a single begomovirus that lacks an intact transcriptional activator protein. Virus Research, 2010, 152, 153-163.	2.2	104
22	Viral Vectors for Plant Genome Engineering. Frontiers in Plant Science, 2017, 8, 539.	3.6	103
23	Legume yellow mosaic viruses: genetically isolated begomoviruses. Molecular Plant Pathology, 2007, 8, 343-348.	4.2	101
24	Contribution of the satellite encoded gene Î²C1 to cotton leaf curl disease symptoms. Virus Research, 2007, 128, 135-139.	2.2	95
25	Maintenance of an Old World Betasatellite by a New World Helper Begomovirus and Possible Rapid Adaptation of the Betasatellite. Journal of Virology, 2009, 83, 9347-9355.	3.4	94
26	Breakdown of resistance in cotton to cotton leaf curl disease in Pakistan. Plant Pathology, 2003, 52, 784-784.	2.4	86
27	The Nuclear Shuttle Protein of Tomato Leaf Curl New Delhi Virus Is a Pathogenicity Determinant. Journal of Virology, 2005, 79, 4434-4439.	3.4	86
28	A common set of developmental miRNAs are upregulated in Nicotiana benthamiana by diverse begomoviruses. Virology Journal, 2011, 8, 143.	3.4	86
29	Applications of New Breeding Technologies for Potato Improvement. Frontiers in Plant Science, 2018, 9, 925.	3.6	80
30	Frequent Occurrence of Tomato Leaf Curl New Delhi Virus in Cotton Leaf Curl Disease Affected Cotton in Pakistan. PLoS ONE, 2016, 11, e0155520.	2.5	77
31	RNAi-mediated mortality of the whitefly through transgenic expression of double-stranded RNA homologous to acetylcholinesterase and ecdysone receptor in tobacco plants. Scientific Reports, 2016, 6, 38469.	3.3	75
32	The hypersensitive response induced by the V2 protein of a monopartite begomovirus is countered by the C2 protein. Molecular Plant Pathology, 2010, 11, 245-254.	4.2	74
33	Artificial microRNA-mediated resistance against the monopartite begomovirus Cotton leaf curl Burewala virus. Virology Journal, 2013, 10, 231.	3.4	74
34	Mobilisation into cotton and spread of a recombinant cotton leaf curl disease satellite. Archives of Virology, 2006, 151, 2055-2065.	2.1	72
35	Clones of cotton leaf curl geminivirus induce symptoms atypical of cotton leaf curl disease. Virus Genes, 2000, 20, 19-26.	1.6	71
36	Precise CRISPR-Cas9 Mediated Genome Editing in Super Basmati Rice for Resistance Against Bacterial Blight by Targeting the Major Susceptibility Gene. Frontiers in Plant Science, 2020, 11, 575.	3.6	70

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37	DNA Barcoding of Bemisia tabaci Complex (Hemiptera: Aleyrodidae) Reveals Southerly Expansion of the Dominant Whitefly Species on Cotton in Pakistan. PLoS ONE, 2014, 9, e104485.	2.5	67
38	Genetic diversity and phylogeography of begomoviruses infecting legumes in Pakistan. Journal of General Virology, 2010, 91, 2091-2101.	2.9	66
39	RNA Interference based Approach to Down Regulate Osmoregulators of Whitefly (Bemisia tabaci): Potential Technology for the Control of Whitefly. PLoS ONE, 2016, 11, e0153883.	2.5	64
40	The Merging of Two Dynastiesâ€"Identification of an African Cotton Leaf Curl Disease-Associated Begomovirus with Cotton in Pakistan. PLoS ONE, 2011, 6, e20366.	2.5	61
41	Transcriptomics reveals multiple resistance mechanisms against cotton leaf curl disease in a naturally immune cotton species, Gossypium arboreum. Scientific Reports, 2017, 7, 15880.	3.3	61
42	A CRISPR Way for Fast-Forward Crop Domestication. Trends in Plant Science, 2019, 24, 293-296.	8.8	61
43	The Hypersensitive Response to Tomato leaf curl New Delhi virus Nuclear Shuttle Protein Is Inhibited by Transcriptional Activator Protein. Molecular Plant-Microbe Interactions, 2007, 20, 1581-1588.	2.6	59
44	Silicon Carbide Whisker-Mediated Embryogenic Callus Transformation of Cotton (Gossypium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.4	59
45	Engineering Plants for Geminivirus Resistance with CRISPR/Cas9 System. Trends in Plant Science, 2016, 21, 279-281.	8.8	59
46	Gene body methylation shows distinct patterns associated with different gene origins and duplication modes and has a heterogeneous relationship with gene expression in Oryza sativa (rice). New Phytologist, 2013, 198, 274-283.	7.3	57
47	Targeting Plant ssDNA Viruses with Engineered Miniature CRISPR-Cas14a. Trends in Biotechnology, 2019, 37, 800-804.	9.3	54
48	Engineering broad-spectrum resistance against RNA viruses in potato. Transgenic Research, 2012, 21, 303-311.	2.4	52
49	Knock down of Whitefly Gut Gene Expression and Mortality by Orally Delivered Gut Gene-Specific dsRNAs. PLoS ONE, 2017, 12, e0168921.	2.5	52
50	Two dicot-infecting mastreviruses (family Geminiviridae) occur in Pakistan. Archives of Virology, 2008, 153, 1441-1451.	2.1	51
51	Cotton leaf curl disease in Sindh province of Pakistan is associated with recombinant begomovirus components. Virus Research, 2010, 153, 161-165.	2.2	51
52	Engineering cotton (Gossypium hirsutum L.) for resistance to cotton leaf curl disease using viral truncated AC1 DNA sequences. Virus Genes, 2011, 42, 286-296.	1.6	51
53	Comparison of phenotypes produced in response to transient expression of genes encoded by four distinct begomoviruses in Nicotiana benthamianaand their correlation with the levels of developmental miRNAs. Virology Journal, 2011, 8, 238.	3.4	51
54	Genome Editing Technologies for Rice Improvement: Progress, Prospects, and Safety Concerns. Frontiers in Genome Editing, 2020, 2, 5.	5.2	51

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55	RNAi-Mediated Simultaneous Resistance Against Three RNA Viruses in Potato. Molecular Biotechnology, 2017, 59, 73-83.	2.4	49
56	Effects of genetic changes to the begomovirus/betasatellite complex causing cotton leaf curl disease in South Asia post-resistance breaking. Virus Research, 2014, 186, 114-119.	2.2	48
57	Multiple begomoviruses found associated with cotton leaf curl disease in Pakistan in early 1990 are back in cultivated cotton. Scientific Reports, 2017, 7, 680.	3.3	48
58	Complete nucleotide sequences of cotton leaf curl Rajasthan virus and its associated DNA Î² molecule infecting tomato. Archives of Virology, 2007, 152, 2131-2134.	2.1	46
59	RNA interference-based resistance in transgenic tomato plants against Tomato yellow leaf curl virus-Oman (TYLCV-OM) and its associated betasatellite. Virology Journal, 2015, 12, 38.	3.4	46
60	Molecular characterisation and infectivity of a â€œLegumovirusâ€•(genus Begomovirus: family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 279-284.	2.2	44
61	Molecular insight into cotton leaf curl geminivirus disease resistance in cultivated cotton (Gossypium hirsutum). Plant Biotechnology Journal, 2020, 18, 691-706.	8.3	44
62	Characterization of begomovirus components from a weed suggests that begomoviruses may associate with multiple distinct DNA satellites. Virus Genes, 2010, 40, 452-457.	1.6	43
63	Effects of the mutation of selected genes of Cotton leaf curl Kokhran virus on infectivity, symptoms and the maintenance of Cotton leaf curl Multan betasatellite. Virus Research, 2012, 169, 107-116.	2.2	43
64	Understanding divergent domestication traits from the whole-genome sequencing of swamp- and river-buffalo populations. National Science Review, 2020, 7, 686-701.	9.5	43
65	Complete nucleotide sequence of chili leaf curl virus and its associated satellites naturally infecting potato in Pakistan. Archives of Virology, 2009, 154, 365-368.	2.1	42
66	Cloning and characterization of Na+/H+ antiporter (LfNHX1) gene from a halophyte grass Leptochloa fusca for drought and salt tolerance. Molecular Biology Reports, 2014, 41, 1669-1682.	2.3	42
67	Use of Recombinant Tobacco Mosaic Virus To Achieve RNA Interference in Plants against the Citrus Mealybug, Planococcus citri (Hemiptera: Pseudococcidae). PLoS ONE, 2013, 8, e73657.	2.5	41
68	A transgenic approach to control hemipteran insects by expressing insecticidal genes under phloem-specific promoters. Scientific Reports, 2016, 6, 34706.	3.3	41
69	Detection of Multiple Potato Viruses in the Field Suggests Synergistic Interactions among Potato Viruses in Pakistan. Plant Pathology Journal, 2014, 30, 407-415.	1.7	40
70	Diverse and recombinant DNA betasatellites are associated with a begomovirus disease complex of Digera arvensis, a weed host. Virus Research, 2009, 142, 208-212.	2.2	37
71	An Insight into Cotton Leaf Curl Multan Betasatellite, the Most Important Component of Cotton Leaf Curl Disease Complex. Viruses, 2017, 9, 280.	3.3	37
72	Development and evaluation of double gene transgenic cotton lines expressing Cry toxins for protection against chewing insect pests. Scientific Reports, 2019, 9, 11774.	3.3	36

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73	RNAi-mediated male sterility of tobacco by silencing TA29. Molecular Biotechnology, 2007, 36, 159-165.	2.4	35
74	The Rep proteins encoded by alphasatellites restore expression of a transcriptionally silenced green fluorescent protein transgene in Nicotiana benthamiana. VirusDisease, 2019, 30, 101-105.	2.0	35
75	Real-time quantitative PCR assay for the quantification of virus and satellites causing leaf curl disease in cotton in Pakistan. Journal of Virological Methods, 2017, 248, 54-60.	2.1	32
76	Molecular characterisation of Banana bunchy top virus (BBTV) from Pakistan. Virus Genes, 2008, 36, 191-198.	1.6	31
77	CRISPRâ€“Cas13a: Prospects for Plant Virus Resistance. Trends in Biotechnology, 2018, 36, 1207-1210.	9.3	31
78	Genomes for jeans: cotton genomics for engineering superior fiber. Trends in Biotechnology, 2012, 30, 521-527.	9.3	30
79	Mapping global biodiversity connections with DNA barcodes: Lepidoptera of Pakistan. PLoS ONE, 2017, 12, e0174749.	2.5	30
80	Evaluation of potential RNAâ€interferenceâ€target genes to control cotton mealybug, Phenacoccus solenopsis (Hemiptera: Pseudococcuidae). Insect Science, 2018, 25, 778-786.	3.0	30
81	Omics and CRISPR-Cas9 Approaches for Molecular Insight, Functional Gene Analysis, and Stress Tolerance Development in Crops. International Journal of Molecular Sciences, 2021, 22, 1292.	4.1	30
82	Ageratum enation virusâ€"A Begomovirus of Weeds with the Potential to Infect Crops. Viruses, 2015, 7, 647-665.	3.3	29
83	Virus-Induced Gene Silencing in Cultivated Cotton (Gossypium spp.) Using Tobacco Rattle Virus. Molecular Biotechnology, 2016, 58, 65-72.	2.4	29
84	Plant Genetic Networks Shaping Phyllosphere Microbial Community. Trends in Genetics, 2021, 37, 306-316.	6.7	29
85	Complete Nucleotide Sequence of Watermelon Chlorotic Stunt Virus Originating from Oman. Viruses, 2012, 4, 1169-1181.	3.3	28
86	Genomic variants identified from whole-genome resequencing of indicine cattle breeds from Pakistan. PLoS ONE, 2019, 14, e0215065.	2.5	28
87	Transcriptomic analysis of cultivated cotton Gossypium hirsutum provides insights into host responses upon whitefly-mediated transmission of cotton leaf curl disease. PLoS ONE, 2019, 14, e0210011.	2.5	28
88	Xanthium strumarium: a weed host of components of begomovirusâ€"betasatellite complexes affecting crops. Virus Genes, 2012, 44, 112-119.	1.6	27
89	Diversity and Distribution of Cryptic Species of the Bemisia tabaci (Hemiptera: Aleyrodidae) complex in Pakistan. Journal of Economic Entomology, 2017, 110, 2295-2300.	1.8	27
90	Comparative phylogenetic analysis of aquaporins provides insight into the gene family expansion and evolution in plants and their role in drought tolerant and susceptible chickpea cultivars. Genomics, 2020, 112, 263-275.	2.9	27

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91	Infectious clones of Tomato leaf curl Palampur virus with a defective DNA B and their pseudo-recombination with Tomato leaf curl New Delhi virus. Virology Journal, 2011, 8, 173.	3.4	26
92	Oman: a case for a sink of begomoviruses of geographically diverse origins. Trends in Plant Science, 2014, 19, 67-70.	8.8	26
93	A PCR-Based Method, With Internal Control, for the Detection of <I>Banana Bunchy Top Virus</I> in Banana. Molecular Biotechnology, 2005, 30, 167-170.	2.4	25
94	Identification of a major pathogenicity determinant and suppressors of RNA silencing encoded by a South Pacific isolate of Banana bunchy top virus originating from Pakistan. Virus Genes, 2011, 42, 272-281.	1.6	25
95	First Report of Tomato leaf curl New Delhi virus on Calotropis procera, a Weed as Potential Reservoir Begomovirus Host in Pakistan. Plant Disease, 2017, 101, 1071.	1.4	25
96	Whole genome sequencing of Asia II 1 species of whitefly reveals that genes involved in virus transmission and insecticide resistance have genetic variances between Asia II 1 and MEAM1 species. BMC Genomics, 2019, 20, 507.	2.8	25
97	Pepper leaf curl Lahore virus requires the DNA B component of Tomato leaf curl New Delhi virus to cause leaf curl symptoms. Virology Journal, 2010, 7, 367.	3.4	24
98	Spider toxin (Hvt) gene cloned under phloem specific RSs1 and RolC promoters provides resistance against American bollworm (Heliothis armigera). Biotechnology Letters, 2011, 33, 1457-1463.	2.2	24
99	Overexpression of an H+-PPase gene from Arabidopsis in sugarcane improvesdrought tolerance, plant growth, and photosynthetic responses. Turkish Journal of Biology, 2016, 40, 109-119.	0.8	24
100	Engineering Dual Begomovirus- Bemisia tabaci Resistance in Plants. Trends in Plant Science, 2017, 22, 6-8.	8.8	24
101	Evaluation of carbon nanotube based copper nanoparticle composite for the efficient detection of agroviruses. Journal of Hazardous Materials, 2018, 346, 27-35.	12.4	24
102	Improvement of Soybean; A Way Forward Transition from Genetic Engineering to New Plant Breeding Technologies. Molecular Biotechnology, 2023, 65, 162-180.	2.4	24
103	RNA interference-based resistance against a legume mastrevirus. Virology Journal, 2011, 8, 499.	3.4	23
104	Satellite DNA Î² overrides the pathogenicity phenotype of the C4 gene of tomato leaf curl virus but does not compensate for loss of function of the coat protein and V2 genes. Archives of Virology, 2008, 153, 1367-1372.	2.1	22
105	Complete nucleotide sequence of a begomovirus and associated betasatellite infecting croton (Croton bonplandianus) in Pakistan. Archives of Virology, 2011, 156, 1101-1105.	2.1	22
106	Selection of target sequences as well as sequence identity determine the outcome of RNAi approach for resistance against cotton leaf curl geminivirus complex. Virology Journal, 2011, 8, 122.	3.4	22
107	Development of a Triple Gene Cry1Ac-Cry2Ab-EPSPS Construct and Its Expression in Nicotiana benthamiana for Insect Resistance and Herbicide Tolerance in Plants. Frontiers in Plant Science, 2017, 8, 55.	3.6	21
108	The V2 protein encoded by a monopartite begomovirus is a suppressor of both post-transcriptional and transcriptional gene silencing activity. Gene, 2019, 686, 43-48.	2.2	21

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109	Silencing of the AV2 gene by antisense RNA protects transgenic plants against a bipartite begomovirus. Virology Journal, 2007, 4, 10.	3.4	20
110	Report of a parasitic wasp (Hymenoptera: Encyrtidae) parasitizing cotton mealybug (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Technology, 2010, 20, 625-630.	1.3	19
111	Analysis of the sequence of a dicot-infecting mastrevirus (family Geminiviridae) originating from Syria. Virus Genes, 2011, 42, 422-428.	1.6	19
112	An analysis of the resistance of Gossypium arboreum to cotton leaf curl disease by grafting. European Journal of Plant Pathology, 2014, 139, 837-847.	1.7	19
113	Amplicon-Based RNA Interference Targeting V2 Gene of Cotton Leaf Curl Kokhran Virus-Burewala Strain Can Provide Resistance in Transgenic Cotton Plants. Molecular Biotechnology, 2016, 58, 807-820.	2.4	19
114	CRISPR-TSKO: A Tool for Tissue-Specific Genome Editing in Plants. Trends in Plant Science, 2020, 25, 123-126.	8.8	19
115	Genome edited wheat- current advances for the second green revolution. Biotechnology Advances, 2022, 60, 108006.	11.7	19
116	Investigating the potential of multiwalled carbon nanotubes based zinc nanocomposite as a recognition interface towards plant pathogen detection. Journal of Virological Methods, 2017, 249, 130-136.	2.1	18
117	Maintenance of Cotton Leaf Curl Multan Betasatellite by Tomato Leaf Curl New Delhi Virusâ€"Analysis by Mutation. Frontiers in Plant Science, 2017, 8, 2208.	3.6	18
118	Identification of a dicot infecting mastrevirus along with alpha- and betasatellite associated with leaf curl disease of spinach (Spinacia oleracea) in Pakistan. Virus Research, 2018, 256, 174-182.	2.2	18
119	Genetic Features of Reproductive Traits in Bovine and Buffalo: Lessons From Bovine to Buffalo. Frontiers in Genetics, 2021, 12, 617128.	2.3	18
120	Both malvaceous and non-malvaceous betasatellites are associated with two wild cotton species grown under field conditions in Pakistan. Virus Genes, 2010, 41, 417-424.	1.6	17
121	Regional Changes in the Sequence of Cotton Leaf Curl Multan Betasatellite. Viruses, 2014, 6, 2186-2203.	3.3	17
122	Evidence for the Association of a Bipartite Geminivirus with Tomato Leaf Curl Disease in Pakistan. Plant Disease, 1997, 81, 958-958.	1.4	17
123	A Single Species of Betasatellite is Prevalent in Chilli across North Central Pakistan and Shows Phylogeographic Segregation. Journal of Phytopathology, 2009, 157, 576-579.	1.0	16
124	DNA-based characterization of an invasive mealybug (Hemiptera: Pseudococcidae) species damaging cotton in Pakistan. Applied Entomology and Zoology, 2010, 45, 395-404.	1.2	16
125	First Report of Tomato leaf curl New Delhi virus and a Tomato yellow leaf curl Thailand betasatellite Causing Severe Leaf Curl Disease of Potato in Pakistan. Plant Disease, 2017, 101, 1065-1065.	1.4	16
126	The Rise of Cotton Genomics. Trends in Plant Science, 2018, 23, 953-955.	8.8	16

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127	Assembling a DNA barcode reference library for the spiders (Arachnida: Araneae) of Pakistan. PLoS ONE, 2019, 14, e0217086.	2.5	16
128	Alternative Routes to Improving Photosynthesis in Field Crops. Trends in Plant Science, 2020, 25, 958-960.	8.8	16
129	Identification and Characterization of miRNA Transcriptome in Asiatic Cotton (Gossypium arboreum) Using High Throughput Sequencing. Frontiers in Plant Science, 2017, 8, 969.	3.6	15
130	In silico identification of conserved miRNAs and their selective target gene prediction in indicine (Bos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	15
131	In-planta expression of insecticidal proteins provides protection against lepidopteran insects. Scientific Reports, 2019, 9, 6745.	3.3	15
132	In silico Prediction and Validations of Domains Involved in Gossypium hirsutum SnRK1 Protein Interaction With Cotton Leaf Curl Multan Betasatellite Encoded Î²C1. Frontiers in Plant Science, 2019, 10, 656.	3.6	15
133	Silencing cathepsin L expression reduces Myzus persicae protein content and the nutritional value as prey for Coccinella septempunctata. Insect Molecular Biology, 2019, 28, 785-797.	2.0	15
134	Development of broad-spectrum insect-resistant tobacco by expression of synthetic cry1Ac and cry2Ab genes. Biotechnology Letters, 2012, 34, 1553-1560.	2.2	14
135	Inoculation of Nicotiana tabacum with recombinant potato virus X induces RNA interference in the solenopsis mealybug, Phenacoccus solenopsis Tinsley (Hemiptera: Pseudococcidae). Biotechnology Letters, 2015, 37, 2083-2090.	2.2	14
136	Artificial micro RNA (amiRNA)-mediated resistance against whitefly (Bemisia tabaci) targeting three genes. Crop Protection, 2020, 137, 105308.	2.1	14
137	First report of cotton leaf curl disease affecting chili peppers. Plant Pathology, 2003, 52, 809-809.	2.4	13
138	First report of Mungbean yellow mosaic India virus on mungbean in Pakistan. Plant Pathology, 2004, 53, 518-518.	2.4	13
139	Î²C1 of chili leaf curl betasatellite is a pathogenicity determinant. Virology Journal, 2011, 8, 509.	3.4	13
140	Genome-Wide Analysis of Cotton miRNAs During Whitefly Infestation Offers New Insights into Plant-Herbivore Interaction. International Journal of Molecular Sciences, 2019, 20, 5357.	4.1	12
141	Association of three begomoviruses and a betasatellite with leaf curl disease of basil in Oman. Canadian Journal of Plant Pathology, 2015, 37, 506-513.	1.4	11
142	Sesbania bispinosa, a new host of a begomovirus-betasatellite complex in Pakistan. Canadian Journal of Plant Pathology, 2016, 38, 107-111.	1.4	11
143	Broad-spectrum resistance against multiple PVY-strains by CRSIPR/Cas13 system in Solanum tuberosum crop. GM Crops and Food, 2022, 13, 97-111.	3.8	11
144	Transient expression of Î²C1 protein differentially regulates host genes related to stress response, chloroplast and mitochondrial functions. Virology Journal, 2010, 7, 373.	3.4	10

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145	Reactions of Nicotiana species to inoculation with monopartite and bipartite begomoviruses. Virology Journal, 2011, 8, 475.	3.4	10
146	Recombination Among Begomoviruses on Malvaceous Plants Leads to the Evolution of Okra Enation Leaf Curl Virus in Pakistan. Journal of Phytopathology, 2015, 163, 764-776.	1.0	10
147	Diversity of alphasatellites associated with cotton leaf curl disease in Pakistan. Virology Reports, 2016, 6, 41-52.	0.4	10
148	Computational and biological characterization of fusion proteins of two insecticidal proteins for control of insect pests. Scientific Reports, 2018, 8, 4837.	3.3	10
149	Î²C1, pathogenicity determinant encoded by Cotton leaf curl Multan betasatellite, interacts with calmodulin-like protein 11 (Gh-CML11) inÂGossypium hirsutum. PLoS ONE, 2019, 14, e0225876.	2.5	10
150	Association of cotton leaf curl Multan betasatellite and Ageratum conyzoides symptomless alphasatellite with tomato leaf curl New Delhi virus in Luffa cylindrica in Pakistan. Australasian Plant Pathology, 2020, 49, 25-29.	1.0	10
151	Circular DNA enrichment sequencing reveals the viral/satellites genetic diversity associated with the third epidemic of cotton leaf curl disease. Biology Methods and Protocols, 2021, 6, bpab005.	2.2	10
152	Gene drive: a faster route to plant improvement. Trends in Plant Science, 2021, 26, 1204-1206.	8.8	10
153	Begomovirus and Associated Satellite Components Infecting Cluster Bean (Cyamopsis tetragonoloba) in Pakistan. Journal of Phytopathology, 2017, 165, 115-122.	1.0	9
154	Development of a LAMP assay using a portable device for the real-time detection of cotton leaf curl disease in field conditions. Biology Methods and Protocols, 2021, 6, bpab010.	2.2	9
155	Molecular phylogenetic analysis of a scale insect (Drosicha mangiferae; Hemiptera: Monophlebidae) infesting mango orchards in Pakistan. European Journal of Entomology, 2011, 108, 553-559.	1.2	9
156	Dominance of Asia II 1 species of Bemisia tabaci in Pakistan and beyond. Scientific Reports, 2022, 12, 1528.	3.3	9
157	CRISPR/Cas9-Mediated Targeting of Susceptibility Factor eIF4E-Enhanced Resistance Against Potato Virus Y. Frontiers in Genetics, 0, 13, .	2.3	9
158	Infectivity of okra enation leaf curl virus and the role of its V2 protein in pathogenicity. Virus Research, 2018, 255, 90-94.	2.2	8
159	Isolation of biotic stress resistance genes from cotton (Gossypium arboreum) and their analysis in model plant tobacco (Nicotiana tabacum) for resistance against cotton leaf curl disease complex. Journal of Virological Methods, 2020, 276, 113760.	2.1	8
160	Mini CRISPR-Cas12f1: a new genome editing tool. Trends in Plant Science, 2022, 27, 110-112.	8.8	8
161	Analysis of a tetraploid cotton line Mac7 transcriptome reveals mechanisms underlying resistance against the whitefly Bemisia tabaci. Gene, 2022, 820, 146200.	2.2	8
162	Characterization of resistance gene analogs from Gossypium arboreum and their evolutionary relationships with homologs from tetraploid cottons. Euphytica, 2011, 178, 351-362.	1.2	7

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163	Letter to the Editor: Mastrevirus sequences in a begomovirus-infected plant. Virus Genes, 2012, 44, 536-538.	1.6	7
164	Tobacco Rattle Virus-Based Silencing of Enoyl-CoA Reductase Gene and Its Role in Resistance Against Cotton Wilt Disease. Molecular Biotechnology, 2017, 59, 241-250.	2.4	7
165	RNAi-mediated silencing of endogenous Vlnv gene confers stable reduction of cold-induced sweetening in potato (Solanum tuberosum L. cv. DÃ©sirÃ©e). Plant Biotechnology Reports, 2018, 12, 175-185.	1.5	7
166	Genome-wide identification and classification of resistance genes predicted several decoy domains in Gossypium sp.. Plant Gene, 2020, 24, 100250.	2.3	7
167	First Report of Alternanthera yellow vein virus From Eclipta prostrata in Pakistan. Plant Disease, 2017, 101, 266-266.	1.4	7
168	Characterization of a Begomovirus-Betasatellite Complex, Producing Defective Molecules in Spinach (Spinacia oleracea L.), a New Host for Begomovirus and Betasatellite Complex in Pakistan. Plant Pathology Journal, 2017, 33, 514-521.	1.7	7
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