

# Shahid Mansoor

## List of Publications by Year in descending order

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220  
papers

10,304  
citations

47409

49  
h-index

48101

92  
g-index

228  
all docs

228  
docs citations

228  
times ranked

6872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of Soybean; A Way Forward Transition from Genetic Engineering to New Plant Breeding Technologies. <i>Molecular Biotechnology</i> , 2023, 65, 162-180.	1.3	24
2	Whole-Genome Resequencing Deciphers New Insight Into Genetic Diversity and Signatures of Resistance in Cultivated Cotton <i>Gossypium hirsutum</i> . <i>Molecular Biotechnology</i> , 2023, 65, 34-51.	1.3	4
3	Mini CRISPR-Cas12f1: a new genome editing tool. <i>Trends in Plant Science</i> , 2022, 27, 110-112.	4.3	8
4	Genetic Origins of the Two <i>Canis lupus familiaris</i> (Dog) Freight Dog Populations. <i>Journal of Heredity</i> , 2022, 113, 160-170.	1.0	0
5	Virus detection using nanobiosensors. , 2022, , 547-572.		3
6	Methods for design and fabrication of nanosensors. , 2022, , 53-79.		1
7	Dominance of Asia II 1 species of <i>Bemisia tabaci</i> in Pakistan and beyond. <i>Scientific Reports</i> , 2022, 12, 1528.	1.6	9
8	Twin prime editor: seamless repair without damage. <i>Trends in Biotechnology</i> , 2022, 40, 374-376.	4.9	6
9	<i>Aegilops tauschii</i> presents a genetic roadmap for hexaploid wheat improvement. <i>Trends in Genetics</i> , 2022, 38, 307-309.	2.9	7
10	Analysis of a tetraploid cotton line Mac7 transcriptome reveals mechanisms underlying resistance against the whitefly <i>Bemisia tabaci</i> . <i>Gene</i> , 2022, 820, 146200.	1.0	8
11	A DNA barcode survey of insect biodiversity in Pakistan. <i>PeerJ</i> , 2022, 10, e13267.	0.9	2
12	Broad-spectrum resistance against multiple PVY-strains by CRISPR/Cas13 system in <i>Solanum tuberosum</i> crop. <i>GM Crops and Food</i> , 2022, 13, 97-111.	2.0	11
13	Alternative splicing plays a vital role in regulating pollen allergen (Ole e 1) P19963 protein in <i>Gossypium arboreum</i> . <i>Plant Gene</i> , 2022, 31, 100362.	1.4	0
14	Genome edited wheat- current advances for the second green revolution. <i>Biotechnology Advances</i> , 2022, 60, 108006.	6.0	19
15	Plant Resistance to Geminiviruses. , 2021, , 554-566.		3
16	Cotton Leaf Curl Disease (Geminiviridae). , 2021, , 355-363.		0
17	Plant Genetic Networks Shaping Phyllosphere Microbial Community. <i>Trends in Genetics</i> , 2021, 37, 306-316.	2.9	29
18	Diversity and recombination analysis of Cotton leaf curl Multan betasatellite associated with cotton leaf curl begomovirus disease complex. <i>Australasian Plant Pathology</i> , 2021, 50, 13-16.	0.5	0

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19	Development of a LAMP assay using a portable device for the real-time detection of cotton leaf curl disease in field conditions. <i>Biology Methods and Protocols</i> , 2021, 6, bpab010.	1.0	9
20	Circular DNA enrichment sequencing reveals the viral/satellites genetic diversity associated with the third epidemic of cotton leaf curl disease. <i>Biology Methods and Protocols</i> , 2021, 6, bpab005.	1.0	10
21	Omics and CRISPR-Cas9 Approaches for Molecular Insight, Functional Gene Analysis, and Stress Tolerance Development in Crops. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1292.	1.8	30
22	Implication of the Whitefly Protein Vps Twenty Associated 1 (Vta1) in the Transmission of Cotton Leaf Curl Multan Virus. <i>Microorganisms</i> , 2021, 9, 304.	1.6	6
23	Tomato leaf curl Oman virus and associated Betasatellite causing leaf curl disease in tomato in Pakistan. <i>European Journal of Plant Pathology</i> , 2021, 160, 249-257.	0.8	6
24	Development of event-specific detection method for identification of insect resistant NIBGE-1601 cotton harboring double gene Cry1Ac-Cry2Ab construct. <i>Scientific Reports</i> , 2021, 11, 3479.	1.6	4
25	Genetic Features of Reproductive Traits in Bovine and Buffalo: Lessons From Bovine to Buffalo. <i>Frontiers in Genetics</i> , 2021, 12, 617128.	1.1	18
26	Biologically prepared copper-graphene nanohybrid as the interface of microchips for sensitive detection of crop viruses. <i>Journal of Materials Research and Technology</i> , 2021, 12, 727-738.	2.6	4
27	Amplicon-based RNAi construct targeting beta-C1 gene gives enhanced resistance against cotton leaf curl disease. <i>3 Biotech</i> , 2021, 11, 256.	1.1	4
28	First report of Cotton leaf curl Kokhran virus associated with Cotton leaf curl Multan betasatellite infecting soybean in Pakistan. <i>Journal of Plant Pathology</i> , 2021, 103, 1323-1324.	0.6	2
29	Editing the plastid genome of recalcitrant plant species. <i>Trends in Genetics</i> , 2021, 37, 955-957.	2.9	1
30	Geminiviruses also encode small proteins with specific functions. <i>Trends in Microbiology</i> , 2021, 29, 1052-1054.	3.5	5
31	Geminiviruses and their interaction with host proteins. , 2021, , 191-229.		2
32	Gene drive: a faster route to plant improvement. <i>Trends in Plant Science</i> , 2021, 26, 1204-1206.	4.3	10
33	Transgenic Expression of Synthetic Coat Protein and Synthetic Replication Associated Protein Produces Mild Symptoms and Reduce Begomovirus-Betasatellite Accumulation in <i>Nicotiana benthamiana</i> . <i>Frontiers in Agronomy</i> , 2021, 3, .	1.5	1
34	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. <i>Genomics</i> , 2020, 112, 263-275.	1.3	27
35	Molecular insight into cotton leaf curl geminivirus disease resistance in cultivated cotton ( <i>Gossypium hirsutum</i> ). <i>Plant Biotechnology Journal</i> , 2020, 18, 691-706.	4.1	44
36	Engineering abiotic stress tolerance via CRISPR/ Cas-mediated genome editing. <i>Journal of Experimental Botany</i> , 2020, 71, 470-479.	2.4	184

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37	Isolation of biotic stress resistance genes from cotton ( <i>Gossypium arboreum</i> ) and their analysis in model plant tobacco ( <i>Nicotiana tabacum</i> ) for resistance against cotton leaf curl disease complex. <i>Journal of Virological Methods</i> , 2020, 276, 113760.	1.0	8
38	CRISPR-TSKO: A Tool for Tissue-Specific Genome Editing in Plants. <i>Trends in Plant Science</i> , 2020, 25, 123-126.	4.3	19
39	Association of cotton leaf curl Multan betasatellite and <i>Ageratum conyzoides</i> symptomless alphasatellite with tomato leaf curl New Delhi virus in <i>Luffa cylindrica</i> in Pakistan. <i>Australasian Plant Pathology</i> , 2020, 49, 25-29.	0.5	10
40	Alternative Routes to Improving Photosynthesis in Field Crops. <i>Trends in Plant Science</i> , 2020, 25, 958-960.	4.3	16
41	Cotton leaf curl Kokhran virus in association with Chili leaf curl betasatellite infecting mungbean ( <i>Vigna radiata</i> .) and black gram ( <i>Vigna mungo</i> .) in Pakistan. <i>Australasian Plant Pathology</i> , 2020, 49, 461-465.	0.5	0
42	Transgenic expression of the <i>Agrobacterium tumefaciens</i> single-stranded DNA binding protein VirE2 provides resistance to both bipartite and monopartite betasatellite-associated begomoviruses in <i>Nicotiana benthamiana</i> . <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101516.	1.3	0
43	Genome-wide identification and classification of resistance genes predicted several decoy domains in <i>Gossypium sp.</i> . <i>Plant Gene</i> , 2020, 24, 100250.	1.4	7
44	Precise CRISPR-Cas9 Mediated Genome Editing in Super Basmati Rice for Resistance Against Bacterial Blight by Targeting the Major Susceptibility Gene. <i>Frontiers in Plant Science</i> , 2020, 11, 575.	1.7	70
45	Effects of the transient expression of heterologous RNA virus-encoded silencing suppressors on the infectivity and systemic movement of tomato leaf curl New Delhi virus. <i>Australasian Plant Pathology</i> , 2020, 49, 531-540.	0.5	1
46	Genome Editing Technologies for Rice Improvement: Progress, Prospects, and Safety Concerns. <i>Frontiers in Genome Editing</i> , 2020, 2, 5.	2.7	51
47	Detection and molecular characterization of <i>Clerodendron</i> yellow mosaic virus infecting <i>Volkameria inermis</i> in Pakistan. <i>Journal of Plant Pathology</i> , 2020, 102, 957-957.	0.6	3
48	Artificial micro RNA (amiRNA)-mediated resistance against whitefly ( <i>Bemisia tabaci</i> ) targeting three genes. <i>Crop Protection</i> , 2020, 137, 105308.	1.0	14
49	Understanding divergent domestication traits from the whole-genome sequencing of swamp- and river-buffalo populations. <i>National Science Review</i> , 2020, 7, 686-701.	4.6	43
50	First report of pepper leaf curl Bangladesh virus (PepLCBV) associated with cotton leaf curl Multan betasatellite on kidney bean ( <i>Phaseolus vulgaris</i> ) in Pakistan. <i>Journal of Plant Pathology</i> , 2020, 102, 917-918.	0.6	1
51	Tolerance to tomato leaf curl New Delhi begomovirus in transgenic <i>Nicotiana benthamiana</i> expressing the phage M13 gene 5 (G5), an ssDNA binding protein. <i>Tropical Plant Pathology</i> , 2020, 45, 443-447.	0.8	0
52	Prior Biological Knowledge Improves Genomic Prediction of Growth-Related Traits in <i>Arabidopsis thaliana</i> . <i>Frontiers in Genetics</i> , 2020, 11, 609117.	1.1	4
53	<i>Codiaeum variegatum</i> in Pakistan harbours <i>pedilanthus</i> leaf curl virus and papaya leaf curl virus as well as a newly identified betasatellite. <i>Archives of Virology</i> , 2020, 165, 1877-1881.	0.9	3
54	Development and evaluation of double gene transgenic cotton lines expressing Cry toxins for protection against chewing insect pests. <i>Scientific Reports</i> , 2019, 9, 11774.	1.6	36

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55	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.	1.2	25
56	Genome-Wide Analysis of Cotton miRNAs During Whitefly Infestation Offers New Insights into Plant-Herbivore Interaction. International Journal of Molecular Sciences, 2019, 20, 5357.	1.8	12
57	Multiple alphasatellites associated with Papaya leaf curl virus and Croton yellow mosaic betasatellite in Croton bonplandianus: first identification of Ageratum yellow vein Singapore alphasatellite in Pakistan. European Journal of Plant Pathology, 2019, 155, 1353-1361.	0.8	0
58	In-planta expression of insecticidal proteins provides protection against lepidopteran insects. Scientific Reports, 2019, 9, 6745.	1.6	15
59	In silico Prediction and Validations of Domains Involved in Gossypium hirsutum SnRK1 Protein Interaction With Cotton Leaf Curl Multan Betasatellite Encoded $\text{I}^2\text{C1}$ . Frontiers in Plant Science, 2019, 10, 656.	1.7	15
60	Identification of two further agriculturally important begomoviruses and their associated satellites infecting the weed Digera arvensis in Pakistan. European Journal of Plant Pathology, 2019, 155, 659-666.	0.8	3
61	Assembling a DNA barcode reference library for the spiders (Arachnida: Araneae) of Pakistan. PLoS ONE, 2019, 14, e0217086.	1.1	16
62	Non-cultivated Cotton Species (Gossypium spp.) Act as a Reservoir for Cotton Leaf Curl Begomoviruses and Associated Satellites. Plants, 2019, 8, 127.	1.6	5
63	Targeting Plant ssDNA Viruses with Engineered Miniature CRISPR-Cas14a. Trends in Biotechnology, 2019, 37, 800-804.	4.9	54
64	Development of expressed sequenced tags (EST) to identify some pathogen resistance genes expressed in Gossypium arboreum. Gene Reports, 2019, 15, 100397.	0.4	0
65	New plant breeding technologies for food security. Science, 2019, 363, 1390-1391.	6.0	125
66	Genomic variants identified from whole-genome resequencing of indicine cattle breeds from Pakistan. PLoS ONE, 2019, 14, e0215065.	1.1	28
67	Silencing cathepsin L expression reduces <i>Myzus persicae</i> protein content and the nutritional value as prey for <i>Coccinella septempunctata</i> . Insect Molecular Biology, 2019, 28, 785-797.	1.0	15
68	A CRISPR Way for Fast-Forward Crop Domestication. Trends in Plant Science, 2019, 24, 293-296.	4.3	61
69	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.	1.1	28
70	$\text{I}^2\text{C1}$ , pathogenicity determinant encoded by Cotton leaf curl Multan betasatellite, interacts with calmodulin-like protein 11 (Gh-CML11) in <i>Gossypium hirsutum</i> . PLoS ONE, 2019, 14, e0225876.	1.1	10
71	Identification of <i>Malvastrum</i> yellow vein Lahore virus—a proposed new species of begomovirus in association with cotton leaf curl Multan betasatellite infecting green bean ( <i>Phaseolus vulgaris</i> ) in Pakistan. Australasian Plant Disease Notes, 2019, 14, 1.	0.4	4
72	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.	1.0	21

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73	The Rep proteins encoded by alphasatellites restore expression of a transcriptionally silenced green fluorescent protein transgene in <i>Nicotiana benthamiana</i> . <i>VirusDisease</i> , 2019, 30, 101-105.	1.0	35
74	Characterization of circular DNA molecules from cotton plants with leaf curl disease. <i>Pakistan Journal of Botany</i> , 2019, 51, .	0.2	0
75	Use of the cotton leaf curl Multan alphasatellite as a silencing or expression vector. <i>Acta Virologica</i> , 2019, 63, 36-44.	0.3	0
76	RNAi-mediated silencing of endogenous <i>Vlnv</i> gene confers stable reduction of cold-induced sweetening in potato ( <i>Solanum tuberosum</i> L. cv. DÅ©sirÅ©e). <i>Plant Biotechnology Reports</i> , 2018, 12, 175-185.	0.9	7
77	Computational and biological characterization of fusion proteins of two insecticidal proteins for control of insect pests. <i>Scientific Reports</i> , 2018, 8, 4837.	1.6	10
78	Evaluation of potential RNAâ€interferenceâ€target genes to control cotton mealybug, <i>Phenacoccus solenopsis</i> (Hemiptera: Pseudococcidae). <i>Insect Science</i> , 2018, 25, 778-786.	1.5	30
79	Evaluation of carbon nanotube based copper nanoparticle composite for the efficient detection of agroviruses. <i>Journal of Hazardous Materials</i> , 2018, 346, 27-35.	6.5	24
80	In silico identification of conserved miRNAs and their selective target gene prediction in indicine ( <i>Bos Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> )	1.1	15
81	Exploration of Cotton Leaf Curl Virus (CLCuV) resistance genes and their screening in <i>Gossypium arboreum</i> by targeting resistance gene analogues. <i>AoB PLANTS</i> , 2018, 10, ply067.	1.2	4
82	The Rise of Cotton Genomics. <i>Trends in Plant Science</i> , 2018, 23, 953-955.	4.3	16
83	Analysis of the resistance of <i>Gossypium herbaceum</i> to cotton leaf curl kokhran virus strain burewala and cotton leaf curl multan betasatellite. <i>Journal of Plant Pathology</i> , 2018, 100, 313-316.	0.6	3
84	Applications of New Breeding Technologies for Potato Improvement. <i>Frontiers in Plant Science</i> , 2018, 9, 925.	1.7	80
85	Infectivity of okra enation leaf curl virus and the role of its V2 protein in pathogenicity. <i>Virus Research</i> , 2018, 255, 90-94.	1.1	8
86	Genome Editing: Targeting Susceptibility Genes for Plant Disease Resistance. <i>Trends in Biotechnology</i> , 2018, 36, 898-906.	4.9	215
87	Identification of a dicot infecting mastrevirus along with alpha- and betasatellite associated with leaf curl disease of spinach ( <i>Spinacia oleracea</i> ) in Pakistan. <i>Virus Research</i> , 2018, 256, 174-182.	1.1	18
88	CRISPRâ€Cas13a: Prospects for Plant Virus Resistance. <i>Trends in Biotechnology</i> , 2018, 36, 1207-1210.	4.9	31
89	Begomovirus and Associated Satellite Components Infecting Cluster Bean ( <i>Cyamopsis tetragonoloba</i> ) in Pakistan. <i>Journal of Phytopathology</i> , 2017, 165, 115-122.	0.5	9
90	RNAi-Mediated Simultaneous Resistance Against Three RNA Viruses in Potato. <i>Molecular Biotechnology</i> , 2017, 59, 73-83.	1.3	49

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91	First Report of <i>Tomato leaf curl New Delhi virus</i> and a <i>Tomato yellow leaf curl Thailand betasatellite</i> Causing Severe Leaf Curl Disease of Potato in Pakistan. <i>Plant Disease</i> , 2017, 101, 1065-1065.	0.7	16
92	CRISPR-Cpf1: A New Tool for Plant Genome Editing. <i>Trends in Plant Science</i> , 2017, 22, 550-553.	4.3	124
93	Real-time quantitative PCR assay for the quantification of virus and satellites causing leaf curl disease in cotton in Pakistan. <i>Journal of Virological Methods</i> , 2017, 248, 54-60.	1.0	32
94	First Report of <i>Tomato leaf curl New Delhi virus</i> on <i>Calotropis procera</i> , a Weed as Potential Reservoir Begomovirus Host in Pakistan. <i>Plant Disease</i> , 2017, 101, 1071.	0.7	25
95	Diversity and Distribution of Cryptic Species of the <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) complex in Pakistan. <i>Journal of Economic Entomology</i> , 2017, 110, 2295-2300.	0.8	27
96	Investigating the potential of multiwalled carbon nanotubes based zinc nanocomposite as a recognition interface towards plant pathogen detection. <i>Journal of Virological Methods</i> , 2017, 249, 130-136.	1.0	18
97	Further changes in the cotton leaf curl disease complex: an indication of things to come?. <i>Virus Genes</i> , 2017, 53, 759-761.	0.7	6
98	Multiple begomoviruses found associated with cotton leaf curl disease in Pakistan in early 1990 are back in cultivated cotton. <i>Scientific Reports</i> , 2017, 7, 680.	1.6	48
99	Transcriptomics reveals multiple resistance mechanisms against cotton leaf curl disease in a naturally immune cotton species, <i>Gossypium arboreum</i> . <i>Scientific Reports</i> , 2017, 7, 15880.	1.6	61
100	Tobacco Rattle Virus-Based Silencing of Enoyl-CoA Reductase Gene and Its Role in Resistance Against Cotton Wilt Disease. <i>Molecular Biotechnology</i> , 2017, 59, 241-250.	1.3	7
101	<i>Tomato leaf curl New Delhi virus</i> : a widespread bipartite begomovirus in the territory of monopartite begomoviruses. <i>Molecular Plant Pathology</i> , 2017, 18, 901-911.	2.0	106
102	Isolation and in silico analysis of a novel H <sup>+</sup> -pyrophosphatase gene orthologue from the halophytic grass <i>Leptochloa fusca</i> . <i>Journal of Molecular Structure</i> , 2017, 1129, 179-187.	1.8	0
103	Engineering Dual Begomovirus- <i>Bemisia tabaci</i> Resistance in Plants. <i>Trends in Plant Science</i> , 2017, 22, 6-8.	4.3	24
104	Development of a Triple Gene Cry1Ac-Cry2Ab-EPSPS Construct and Its Expression in <i>Nicotiana benthamiana</i> for Insect Resistance and Herbicide Tolerance in Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 55.	1.7	21
105	Viral Vectors for Plant Genome Engineering. <i>Frontiers in Plant Science</i> , 2017, 8, 539.	1.7	103
106	Identification and Characterization of miRNA Transcriptome in Asiatic Cotton ( <i>Gossypium arboreum</i> ) Using High Throughput Sequencing. <i>Frontiers in Plant Science</i> , 2017, 8, 969.	1.7	15
107	Maintenance of Cotton Leaf Curl Multan Betasatellite by Tomato Leaf Curl New Delhi Virus Analysis by Mutation. <i>Frontiers in Plant Science</i> , 2017, 8, 2208.	1.7	18
108	An Insight into Cotton Leaf Curl Multan Betasatellite, the Most Important Component of Cotton Leaf Curl Disease Complex. <i>Viruses</i> , 2017, 9, 280.	1.5	37

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109	Mapping global biodiversity connections with DNA barcodes: Lepidoptera of Pakistan. PLoS ONE, 2017, 12, e0174749.	1.1	30
110	First Report of <i>Alternanthera yellow vein virus</i> From <i>Eclipta prostrata</i> in Pakistan. Plant Disease, 2017, 101, 266-266.	0.7	7
111	Knock down of Whitefly Gut Gene Expression and Mortality by Orally Delivered Gut Gene-Specific dsRNAs. PLoS ONE, 2017, 12, e0168921.	1.1	52
112	Characterization of a Begomovirus-Betasatellite Complex, Producing Defective Molecules in Spinach ( <i>Spinacia oleracea</i> L.), a New Host for Begomovirus and Betasatellite Complex in Pakistan. Plant Pathology Journal, 2017, 33, 514-521.	0.7	7
113	Overexpression of an H <sup>+</sup> -PPase gene from <i>Arabidopsis</i> in sugarcane improves drought tolerance, plant growth, and photosynthetic responses. Turkish Journal of Biology, 2016, 40, 109-119.	2.1	24
114	Engineering Plant Immunity: Using CRISPR/Cas9 to Generate Virus Resistance. Frontiers in Plant Science, 2016, 7, 1673.	1.7	141
115	G5, a Phage Single-Stranded DNA-Binding Protein, Fused with a Nuclear Localization Signal, Attenuates Symptoms and Reduces Begomovirus-Betasatellite Accumulation in Transgenic Plants. Molecular Biotechnology, 2016, 58, 595-602.	1.3	3
116	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.	1.6	75
117	<i>Sesbania bispinosa</i> , a new host of a begomovirus-betasatellite complex in Pakistan. Canadian Journal of Plant Pathology, 2016, 38, 107-111.	0.8	11
118	A transgenic approach to control hemipteran insects by expressing insecticidal genes under phloem-specific promoters. Scientific Reports, 2016, 6, 34706.	1.6	41
119	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.	1.3	19
120	Diversity of alphasatellites associated with cotton leaf curl disease in Pakistan. Virology Reports, 2016, 6, 41-52.	0.4	10
121	Virus-Induced Gene Silencing in Cultivated Cotton ( <i>Gossypium</i> spp.) Using Tobacco Rattle Virus. Molecular Biotechnology, 2016, 58, 65-72.	1.3	29
122	Engineering Plants for Geminivirus Resistance with CRISPR/Cas9 System. Trends in Plant Science, 2016, 21, 279-281.	4.3	59
123	RNA Interference based Approach to Down Regulate Osmoregulators of Whitefly ( <i>Bemisia tabaci</i> ): Potential Technology for the Control of Whitefly. PLoS ONE, 2016, 11, e0153883.	1.1	64
124	Frequent Occurrence of Tomato Leaf Curl New Delhi Virus in Cotton Leaf Curl Disease Affected Cotton in Pakistan. PLoS ONE, 2016, 11, e0155520.	1.1	77
125	Diversity in Betasatellites Associated with Cotton Leaf Curl Disease During Source-To-Sink Movement Through a Resistant Host. Plant Pathology Journal, 2016, 32, 47-52.	0.7	5
126	Recombination Among Begomoviruses on Malvaceous Plants Leads to the Evolution of <i>Okra Enation Leaf Curl Virus</i> in Pakistan. Journal of Phytopathology, 2015, 163, 764-776.	0.5	10



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127	Evidence of <i>Cotton leaf curl Burewala</i> virus Variant and its Associate Betasatellite Causing Yellow Mosaic of Eggplant ( <i>Solanum melongena</i> ) in Pakistan. <i>Journal of Phytopathology</i> , 2015, 163, 233-237.	0.5	5
128	<i>Ageratum enation virus</i> A Begomovirus of Weeds with the Potential to Infect Crops. <i>Viruses</i> , 2015, 7, 647-665.	1.5	29
129	RNA interference-based resistance in transgenic tomato plants against Tomato yellow leaf curl virus-Oman (TYLCV-OM) and its associated betasatellite. <i>Virology Journal</i> , 2015, 12, 38.	1.4	46
130	Association of three begomoviruses and a betasatellite with leaf curl disease of basil in Oman. <i>Canadian Journal of Plant Pathology</i> , 2015, 37, 506-513.	0.8	11
131	Inoculation of <i>Nicotiana tabacum</i> with recombinant potato virus X induces RNA interference in the solenopsis mealybug, <i>Phenacoccus solenopsis</i> Tinsley (Hemiptera: Pseudococcidae). <i>Biotechnology Letters</i> , 2015, 37, 2083-2090.	1.1	14
132	Detection of Multiple Potato Viruses in the Field Suggests Synergistic Interactions among Potato Viruses in Pakistan. <i>Plant Pathology Journal</i> , 2014, 30, 407-415.	0.7	40
133	Engineering crops for resistance to geminiviruses. , 2014, , 291-323.		1
134	Regional Changes in the Sequence of Cotton Leaf Curl Multan Betasatellite. <i>Viruses</i> , 2014, 6, 2186-2203.	1.5	17
135	Effects of genetic changes to the begomovirus/betasatellite complex causing cotton leaf curl disease in South Asia post-resistance breaking. <i>Virus Research</i> , 2014, 186, 114-119.	1.1	48
136	Oman: a case for a sink of begomoviruses of geographically diverse origins. <i>Trends in Plant Science</i> , 2014, 19, 67-70.	4.3	26
137	An analysis of the resistance of <i>Gossypium arboreum</i> to cotton leaf curl disease by grafting. <i>European Journal of Plant Pathology</i> , 2014, 139, 837-847.	0.8	19
138	Cloning and characterization of Na <sup>+</sup> /H <sup>+</sup> antiporter (LfnHX1) gene from a halophyte grass <i>Leptochloa fusca</i> for drought and salt tolerance. <i>Molecular Biology Reports</i> , 2014, 41, 1669-1682.	1.0	42
139	DNA Barcoding of <i>Bemisia tabaci</i> Complex (Hemiptera: Aleyrodidae) Reveals Southerly Expansion of the Dominant Whitefly Species on Cotton in Pakistan. <i>PLoS ONE</i> , 2014, 9, e104485.	1.1	67
140	Gene body methylation shows distinct patterns associated with different gene origins and duplication modes and has a heterogeneous relationship with gene expression in <i>Oryza sativa</i> (rice). <i>New Phytologist</i> , 2013, 198, 274-283.	3.5	57
141	Geminiviruses: masters at redirecting and reprogramming plant processes. <i>Nature Reviews Microbiology</i> , 2013, 11, 777-788.	13.6	601
142	Artificial microRNA-mediated resistance against the monopartite begomovirus Cotton leaf curl Burewala virus. <i>Virology Journal</i> , 2013, 10, 231.	1.4	74
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