

Mehboob-Ur- Rahman

List of Publications by Year in descending order

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42
papers

3,788
citations

516710

16
h-index

526287

27
g-index

45
all docs

45
docs citations

45
times ranked

5491
citing authors

#	ARTICLE	IF	CITATIONS
1	EMS-based mutants are useful for enhancing drought tolerance in spring wheat. <i>Cereal Research Communications</i> , 2022, 50, 767-778.	1.6	6
2	Targeted Breeding in Cotton Using CRISPR/Cas9 Genome Editing. , 2021, , 313-327.		1
3	Mutagenesis for Targeted Breeding in Cotton. , 2021, , 197-226.		1
4	First-Generation Transgenic Cotton Crops. , 2021, , 229-255.		2
5	Historical Perspectives: From Conventional to Precision Breeding in Cotton. , 2021, , 3-23.		0
6	Genomic-Assisted Breeding for Abiotic Stress Tolerance. , 2021, , 137-156.		1
7	Multivariate analysis of mutant wheat (<i>Triticum aestivum</i> L.) lines under drought stress. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2021, 45, 617-633.	2.1	6
8	Prospects of Developing Novel Genetic Resources by Chemical and Physical Mutagenesis to Enlarge the Genetic Window in Bread Wheat Varieties. <i>Agriculture (Switzerland)</i> , 2021, 11, 621.	3.1	6
9	Characterization of Gamma-Rays-Induced Spring Wheat Mutants for Morphological and Quality Traits through Multivariate and GT Bi-Plot Analysis. <i>Agronomy</i> , 2021, 11, 2288.	3.0	13
10	A critical look on CRISPR-based genome editing in plants. <i>Journal of Cellular Physiology</i> , 2020, 235, 666-682.	4.1	39
11	Registration of PGMB-15-30 Spring Wheat. <i>Journal of Plant Registrations</i> , 2019, 13, 245-250.	0.5	5
12	Mechanisms and molecular approaches for heat tolerance in rice (<i>Oryza sativa</i> L.) under climate change scenario. <i>Journal of Integrative Agriculture</i> , 2018, 17, 726-738.	3.5	60
13	Introductory Chapter: Updates on Achieving Sustainable Cotton Production. , 2018, , .		0
14	Genetic Mapping in Cotton. , 2018, , .		1
15	Identification of induced mutations in hexaploid wheat genome using exome capture assay. <i>PLoS ONE</i> , 2018, 13, e0201918.	2.5	45
16	Identification of Marker-Trait Associations for Lint Traits in Cotton. <i>Frontiers in Plant Science</i> , 2017, 8, 86.	3.6	37
17	Genetics and Genomics of Cotton Leaf Curl Disease, Its Viral Causal Agents and Whitefly Vector: A Way Forward to Sustain Cotton Fiber Security. <i>Frontiers in Plant Science</i> , 2017, 8, 1157.	3.6	53
18	Soybean production and drought stress. , 2016, , 177-196.		7

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19	Safe use of Cry genes in genetically modified crops. <i>Environmental Chemistry Letters</i> , 2015, 13, 239-249.	16.2	27
20	Comparative sequence analysis of citrate synthase and 18S ribosomal DNA from a wild and mutant strains of <i>Aspergillus niger</i> with various fungi. <i>Bioinformatics</i> , 2014, 10, 1-7.	0.5	6
21	Pros and cons of using genomic SSRs and EST-SSRs for resolving phylogeny of the genus <i>Gossypium</i> . <i>Plant Systematics and Evolution</i> , 2014, 300, 559-575.	0.9	30
22	Citrate synthase gene comparison and use of RAPD genomic fingerprinting to study relatedness among different <i>Aspergillus</i> sp (912.1). <i>FASEB Journal</i> , 2014, 28, 912.1.	0.5	1
23	Marker-Assisted Selection in Plant Breeding for Salinity Tolerance. , 2012, 913, 305-333.		23
24	Registration of NNâ€³ Cotton. <i>Journal of Plant Registrations</i> , 2012, 6, 342-347.	0.5	6
25	Bridging Genomic and Classical Breeding Approaches for Improving Crop Productivity. , 2012, , 19-41.		2
26	Cotton genetic resources. A review. <i>Agronomy for Sustainable Development</i> , 2012, 32, 419-432.	5.3	69
27	Gamma radiation induced mutagenesis in <i>Aspergillus niger</i> to enhance its microbial fermentation activity for industrial enzyme production. <i>Molecular Biology Reports</i> , 2011, 38, 1367-1374.	2.3	47
28	Marker-Assisted Breeding in Higher Plants. , 2011, , 39-76.		6
29	Comparative Genomics in Crop Plants. , 2010, , 23-61.		5
30	The <i>Sorghum bicolor</i> genome and the diversification of grasses. <i>Nature</i> , 2009, 457, 551-556.	27.8	2,642
31	<i>Gossypium</i> DNA Markers: Types, Numbers, and Uses. , 2009, , 101-139.		14
32	Registration of â€³CIM-496â€³™ Cotton. <i>Journal of Plant Registrations</i> , 2009, 3, 231-235.	0.5	5
33	Studying the extent of genetic diversity among <i>Gossypium arboreum</i> L. genotypes/cultivars using DNA fingerprinting. <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 331-339.	1.6	45
34	Genotypic variation for drought tolerance in cotton. <i>Agronomy for Sustainable Development</i> , 2008, 28, 439-447.	5.3	40
35	Assessment of genetic diversity among mango (<i>Mangifera indica</i> L.) genotypes using RAPD markers. <i>Scientia Horticulturae</i> , 2008, 117, 297-301.	3.6	27
36	Genotypic variation for drought tolerance in cotton (<i>Gossypium hirsutum</i> L.): Leaf gas exchange and productivity. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2008, 203, 105-115.	1.2	45

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37	Toward Sequencing Cotton (<i>Gossypium</i>) Genomes: Figure 1.. Plant Physiology, 2007, 145, 1303-1310.	4.8	390
38	Registration of NIBGEâ€15 Cotton. Journal of Plant Registrations, 2007, 1, 51-52.	0.5	14
39	Registration of â€NIBGEâ€2â€™ Cotton. Journal of Plant Registrations, 2007, 1, 113-114.	0.5	8
40	RAPD analysis of Fusarium Isolates Causing â€Mango Malformationâ€Disease in Pakistan. World Journal of Microbiology and Biotechnology, 2006, 22, 1161-1167.	3.6	19
41	Temperature Extremes in Cotton Production and Mitigation Strategies. , 0, , .		32
42	Association Mapping for Improving Fiber Quality in Upland Cottons. , 0, , .		0