

Ibrokhim Y Abdurakhmonov

List of Publications by Year in descending order

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63
papers

1,972
citations

567281

15
h-index

276875

41
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66
all docs

66
docs citations

66
times ranked

1927
citing authors

#	ARTICLE	IF	CITATIONS
1	Profiling of the most reliable mutations from sequenced SARS-CoV-2 genomes scattered in Uzbekistan. PLoS ONE, 2022, 17, e0266417.	2.5	7
2	Registration of three <i>Gossypium barbadense</i> L. American pima-like germplasm lines (PSSJâ€FRP01,) Tj ETQq0 0 0 rgBT /Overlock Journal of Plant Registrations, 2022, 16, 626-634.	0.5	7
3	Development of Superior Fibre Quality Upland Cotton Cultivar Series â€Ravnaqâ€™™ Using Marker-Assisted Selection. Frontiers in Plant Science, 2022, 13, .	3.6	5
4	Genome sequence diversity of SARS-CoV-2 obtained from clinical samples in Uzbekistan. PLoS ONE, 2022, 17, e0270314.	2.5	4
5	Alteration of root and shoot morphologies by interspecific replacement of individual Upland cotton chromosome or chromosome segment pairs. Euphytica, 2021, 217, 1.	1.2	3
6	Genetic Diversity, QTL Mapping, and Marker-Assisted Selection Technology in Cotton (<i>Gossypium</i> spp.). Frontiers in Plant Science, 2021, 12, 779386.	3.6	29
7	Role of MicroRNAs and small RNAs in regulation of developmental processes and agronomic traits in <i>Gossypium</i> species. Genomics, 2019, 111, 1018-1025.	2.9	19
8	Functional intron-derived miRNAs and host-gene expression in plants. Plant Methods, 2018, 14, 83.	4.3	8
9	Wild Relatives of Maize, Rice, Cotton, and Soybean: Treasure Troves for Tolerance to Biotic and Abiotic Stresses. Frontiers in Plant Science, 2018, 9, 886.	3.6	211
10	Recent Developments in Fiber Genomics of Tetraploid Cotton Species. , 2018, , .		3
11	The Cotton-Insect Interactive Transcriptome â€“ Molecular Elements Involved in Plant-Insect Interactions. , 2018, , 62-73.		2
12	Transcriptome Analysis of Ten Days Post Anthesis Elongating Fiber in the Upland Cotton (<i>Gossypium hirsutum</i>) Chromosome Substitution Line CS-B25. American Journal of Plant Sciences, 2018, 09, 1334-1361.	0.8	2
13	Overview of the Biosafety and Risk Assessment Steps for Insect-resistant Biotech Crops. , 2018, , 178-203.		1
14	A High-Throughput Standard PCR-Based Genotyping Method for Determining Transgene Zygosity in Segregating Plant Populations. Frontiers in Plant Science, 2017, 8, 1252.	3.6	3
15	Genome Editing in Plants: An Overview of Tools and Applications. International Journal of Agronomy, 2017, 2017, 1-15.	1.2	82
16	Genome-wide identification and characterization of microRNAs differentially expressed in fibers in a cotton phytochrome A1 RNAi line. PLoS ONE, 2017, 12, e0179381.	2.5	9
17	QTL mapping for flowering-time and photoperiod insensitivity of cotton <i>Gossypium darwinii</i> Watt. PLoS ONE, 2017, 12, e0186240.	2.5	11
18	Genetic diversity, linkage disequilibrium, and association mapping analyses of <i>Gossypium barbadense</i> L. germplasm. PLoS ONE, 2017, 12, e0188125.	2.5	15

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19	Transcriptome Analysis of Ten-DPA Fiber in an Upland Cotton (<i>Gossypium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 American Journal of Plant Sciences, 2017, 08, 2530-2553.	0.8	8
20	RNA Interference for Functional Genomics and Improvement of Cotton (<i>Gossypium</i> sp.). <i>Frontiers in Plant Science</i> , 2016, 7, 202.	3.6	36
21	Comparative assessment of genetic diversity in cytoplasmic and nuclear genome of upland cotton. <i>Genetica</i> , 2016, 144, 289-306.	1.1	3
22	Development, genetic mapping and QTL association of cotton PHYA, PHYB, and HY5-specific CAPS and dCAPS markers. <i>BMC Genetics</i> , 2016, 17, 141.	2.7	15
23	Characterization of Small RNAs and Their Targets from <i>Fusarium oxysporum</i> Infected and Noninfected Cotton Root Tissues. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 698-706.	1.8	4
24	Bioinformatics - Updated Features and Applications. , 2016, , .		4
25	Analyses of <i>Fusarium</i> wilt race 3 resistance in Upland cotton (<i>Gossypium hirsutum</i> L.). <i>Genetica</i> , 2015, 143, 385-392.	1.1	5
26	Molecular confirmation of <i>Gossypium hirsutum</i> chromosome substitution lines. <i>Euphytica</i> , 2015, 205, 459-473.	1.2	17
27	Detection of <i>Fusarium oxysporum</i> f. sp. v <i>as</i> infectum race 3 by single-base extension method and allele-specific polymerase chain reaction. <i>Canadian Journal of Plant Pathology</i> , 2014, 36, 216-223.	1.4	6
28	Phytochrome RNAi enhances major fibre quality and agronomic traits of the cotton <i>Gossypium hirsutum</i> L. <i>Nature Communications</i> , 2014, 5, 3062.	12.8	51
29	World Cotton Germplasm Resources. , 2014, , .		11
30	Genetic diversity and population structure of cotton (<i>Gossypium</i> spp.) of the New World assessed by SSR markers. <i>Botany</i> , 2013, 91, 251-259.	1.0	37
31	Molecular Characterization of Uzbekistan Isolates of <i>Fusarium oxysporum</i> f. sp. v <i>as</i> infectum. <i>Journal of Plant Science and Molecular Breeding</i> , 2013, 2, 3.	1.2	11
32	Solid-Phase Colorimetric Method for the Quantification of Fucoidan. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1019-1024.	2.9	12
33	Low molecular fucoidan and its macromolecular complex with bee venom melittin. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2011, 02, 298-303.	0.7	1
34	Molecular evolution of the clustered MIC-3 multigene family of <i>Gossypium</i> species. <i>Theoretical and Applied Genetics</i> , 2011, 123, 1359-1373.	3.6	4
35	Cytogenetic Characteristics of New Monosomic Stocks of Cotton (<i>Gossypium hirsutum</i> L.). <i>Genetics Research International</i> , 2011, 2011, 1-12.	2.0	6
36	Clustering, haplotype diversity and locations of MIC-3: a unique root-specific defense-related gene family in Upland cotton (<i>Gossypium hirsutum</i> L.). <i>Theoretical and Applied Genetics</i> , 2010, 120, 587-606.	3.6	10

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37	Duplication, divergence and persistence in the Phytochrome photoreceptor gene family of cottons (<i>Gossypium</i> spp.). <i>BMC Plant Biology</i> , 2010, 10, 119.	3.6	11
38	Status of the Global Cotton Germplasm Resources. <i>Crop Science</i> , 2010, 50, 1161-1179.	1.8	115
39	Morphological characteristics and identification of new monosomic stocks for cotton (<i>Gossypium</i>) Tj ETQq1 1 0.784314 rgBT ₅ /Overlo 0.7	0.7	
40	Methodologies for In Vitro Cloning of Small RNAs and Application for Plant Genome(s). <i>International Journal of Plant Genomics</i> , 2009, 2009, 1-13.	2.2	10
41	Linkage disequilibrium based association mapping of fiber quality traits in <i>G. hirsutum</i> L. variety germplasm. <i>Genetica</i> , 2009, 136, 401-417.	1.1	144
42	Gene Flow at the Crossroads of Humanity: mtDNA Sequence Diversity and Alu Insertion Polymorphism Frequencies in Uzbekistan. <i>The Open Genomics Journal</i> , 2009, 2, 1-11.	0.5	1
43	Chitin-binding antifungal protein from <i>Ficus carica</i> latex. <i>Chemistry of Natural Compounds</i> , 2008, 44, 216-219.	0.8	14
44	Small RNA regulation of ovule development in the cotton plant, <i>G. hirsutum</i> L. <i>BMC Plant Biology</i> , 2008, 8, 93.	3.6	37
45	Molecular diversity and association mapping of fiber quality traits in exotic <i>G. hirsutum</i> L. germplasm. <i>Genomics</i> , 2008, 92, 478-487.	2.9	179
46	Application of Association Mapping to Understanding the Genetic Diversity of Plant Germplasm Resources. <i>International Journal of Plant Genomics</i> , 2008, 2008, 1-18.	2.2	221
47	The Role of Induced Mutation in Conversion of Photoperiod Dependence in Cotton. <i>Journal of Heredity</i> , 2007, 98, 258-266.	2.4	18
48	Toward Sequencing Cotton (<i>Gossypium</i>) Genomes: Figure 1.. <i>Plant Physiology</i> , 2007, 145, 1303-1310.	4.8	390
49	Microsatellite markers associated with lint percentage trait in cotton, <i>Gossypium hirsutum</i> . <i>Euphytica</i> , 2007, 156, 141-156.	1.2	57
50	Simple Sequence Repeat Marker Associated with a Natural Leaf Defoliation Trait in Tetraploid Cotton. <i>Journal of Heredity</i> , 2005, 96, 644-653.	2.4	21
51	Genetic Diversity in <i>Gossypium</i> genus. , 0, , .		11
52	Chromosome Substitution Lines: Concept, Development and Utilization in the Genetic Improvement of Upland Cotton. , 0, , .		7
53	Genomics-Assisted Plant Breeding in the 21st Century: Technological Advances and Progress. , 0, , .		16
54	RNA Interference â€œ A Hallmark of Cellular Function and Gene Manipulation. , 0, , .		3

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55	Genomics Era for Plants and Crop Species – Advances Made and Needed Tasks Ahead. , 0, , .		11
56	Introduction to Microsatellites: Basics, Trends and Highlights. , 0, , .		8
57	Introductory Chapter: Introduction to Cotton Research Highlights. , 0, , .		3
58	Bioinformatics: Basics, Development, and Future. , 0, , .		10
59	Using of Genome Editing Methods in Plant Breeding. , 0, , .		1
60	Cotton as a Model for Polyploidy and Fiber Development Study. , 0, , .		1
61	Cotton Germplasm Collection of Uzbekistan. , 0, , .		4
62	Cotton Breeding in the View of Abiotic and Biotic Stresses: Challenges and Perspectives. , 0, , .		5
63	Introductory Chapter: Global Cotton Research Development Trends for the Past Five Years - Key Directions. , 0, , .		0