

Faheem Shehzad Baloch

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,337
citations

279487

23
h-index

276539

41
g-index

108
all docs

108
docs citations

108
times ranked

1923
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the genetic diversity in hawthorn (<i>Crataegus</i> spp.) genotypes using morphological, phytochemical and molecular markers. <i>Genetic Resources and Crop Evolution</i> , 2023, 70, 135-146.	0.8	5
2	Random mutagenesis in vegetatively propagated crops: opportunities, challenges and genome editing prospects. <i>Molecular Biology Reports</i> , 2022, 49, 5729-5749.	1.0	7
3	Effects of Silicon and Selenium in Alleviation of Drought Stress in Rice. <i>Silicon</i> , 2022, 14, 5453-5461.	1.8	19
4	Marker-assisted selection and validation of DNA markers associated with cadmium content in durum wheat germplasm. <i>Crop and Pasture Science</i> , 2022, 73, 943-956.	0.7	7
5	Applicability of inter-primer binding site iPBS- retrotransposon marker system for the assessment of genetic diversity and population structure of Peruvian rosewood (<i>Aniba rosaeodora</i> Ducke) germplasm. <i>Molecular Biology Reports</i> , 2022, 49, 2553-2564.	1.0	4
6	Turkish durum wheat conserved ex situ and in situ unveils a new hotspot of unexplored genetic diversity. <i>Crop Science</i> , 2022, 62, 1200-1212.	0.8	5
7	Omics: a tool for resilient rice genetic improvement strategies. <i>Molecular Biology Reports</i> , 2022, 49, 5075-5088.	1.0	3
8	Whole-genome resequencing of <i>Sorghum bicolor</i> and <i>S. bicolor</i> × <i>S. halepense</i> lines provides new insights for improving plant agroecological characteristics. <i>Scientific Reports</i> , 2022, 12, 5556.	1.6	5
9	Comparative genetic, biochemical and physiological analysis of sodium and chlorine in wheat. <i>Molecular Biology Reports</i> , 2022, , .	1.0	1
10	Magnesium- a Forgotten Element: Phenotypic Variation and Genome Wide Association Study in Turkish Common Bean Germplasm. <i>Frontiers in Genetics</i> , 2022, 13, 848663.	1.1	4
11	Molecular characterization and validation of sunflower (<i>Helianthus annuus</i> L.) hybrids through SSR markers. <i>PLoS ONE</i> , 2022, 17, e0267383.	1.1	2
12	Assessment of genetic diversity among 131 safflower (<i>Carthamus tinctorius</i> L.) accessions using peroxidase gene polymorphism (POGP) markers. <i>Molecular Biology Reports</i> , 2022, 49, 6531-6539.	1.0	3
13	Genomics, Phenomics, and Next Breeding Tools for Genetic Improvement of Safflower (<i>Carthamus</i>) Tj ETQq1 1 0.784314 rgBT /Overl		
14	Genetic architecture of wild soybean (<i>Glycine soja</i> Sieb. and Zucc.) populations originating from different East Asian regions. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 1577-1588.	0.8	2
15	Common bean as a potential crop for future food security: an overview of past, current and future contributions in genomics, transcriptomics, transgenics and proteomics. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 759-787.	0.5	39
16	In-Depth Genetic Diversity and Population Structure of Endangered Peruvian Amazon Rosewood Germplasm Using Genotyping by Sequencing (GBS) Technology. <i>Forests</i> , 2021, 12, 197.	0.9	7
17	Macro and micro nutrients diversity in the seeds of field pea germplasm. <i>Pakistan Journal of Botany</i> , 2021, 53, .	0.2	3
18	Machine learning models based on remote and proximal sensing as potential methods for in-season biomass yields prediction in commercial sorghum fields. <i>PLoS ONE</i> , 2021, 16, e0249136.	1.1	8

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19	Genetic dissection of days to flowering via genome-wide association studies in Turkish common bean germplasm. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 1609-1622.	1.4	6
20	Exploring the genetic diversity and population structure of scarlet eggplant germplasm from Rwanda through iPBS-retrotransposon markers. <i>Molecular Biology Reports</i> , 2021, 48, 6323-6333.	1.0	8
21	Expression studies of stress responsive genes in cotton <i>Gossypium hirsutum</i> L.. <i>Molecular Biology Reports</i> , 2021, 48, 7077-7085.	1.0	6
22	Contribution of Landraces in Wheat Breeding. , 2021, , 215-258.		3
23	The first report about genetic diversity analysis among endemic wild rhubarb (<i>Rheum ribes</i> L.) populations through iPBS markers. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2021, 45, 784-796.	0.8	9
24	Genome-wide analysis of bZIP, BBR, and BZR transcription factors in <i>Triticum aestivum</i> . <i>PLoS ONE</i> , 2021, 16, e0259404.	1.1	5
25	Plant drought stress tolerance: understanding its physiological, biochemical and molecular mechanisms. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 1912-1925.	0.5	49
26	Identification of genetic basis associated with agronomic traits in a global safflower panel using genome-wide association study. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2021, 45, 834-849.	0.8	6
27	Genome-Wide Association Study for Biomass Related Traits in a Panel of <i>Sorghum bicolor</i> and <i>S. bicolor</i> – <i>S. halepense</i> Populations. <i>Frontiers in Plant Science</i> , 2020, 11, 551305.	1.7	20
28	In-silico Exploration of Channel Type and Efflux Silicon Transporters and Silicification Proteins in 80 Sequenced Viridiplantae Genomes. <i>Plants</i> , 2020, 9, 1612.	1.6	7
29	Determination of Se content of 78 sesame accessions with different geographical origin. <i>Journal of Food Composition and Analysis</i> , 2020, 94, 103621.	1.9	5
30	Investigation of morphoagronomic performance and selection indices in the international safflower panel for breeding perspectives. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2020, 44, 103-120.	0.8	17
31	Genetic diversity analysis in the Turkish pepper germplasm using iPBS retrotransposon-based markers. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2020, 44, 1-14.	0.8	22
32	Molecular footprints of selection effects and whole genome duplication (WGD) events in three blueberry species: detected by transcriptome dataset. <i>BMC Plant Biology</i> , 2020, 20, 250.	1.6	15
33	Genetic Diversity, Population Structure and Marker-Trait Association for 100-Seed Weight in International Safflower Panel Using SilicoDArT Marker Information. <i>Plants</i> , 2020, 9, 652.	1.6	18
34	De Novo Assembly and Annotation of the Juvenile Tuber Transcriptome of a <i>Gastrodia elata</i> Hybrid by RNA Sequencing: Detection of SSR Markers. <i>Biochemical Genetics</i> , 2020, 58, 914-934.	0.8	6
35	Identification, phylogenetic analysis, and expression patterns of the SAUR gene family in loquat (<i>Eriobotrya japonica</i>). <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2020, 44, 15-23.	0.8	8
36	Phenotypic Characterization of 183 Turkish Common Bean Accessions for Agronomic, Trading, and Consumer-Preferred Plant Characteristics for Breeding Purposes. <i>Agronomy</i> , 2020, 10, 272.	1.3	35

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37	Genomic Selection for Optimum Index with Dry Biomass Yield, Dry Mass Fraction of Fresh Material, and Plant Height in Biomass Sorghum. <i>Genes</i> , 2020, 11, 61.	1.0	20
38	Uncovering Phenotypic Diversity and DArTseq Marker Loci Associated with Antioxidant Activity in Common Bean. <i>Genes</i> , 2020, 11, 36.	1.0	26
39	Molecular characterization of genetic diversity and similarity centers of safflower accessions with ISSR markers. <i>Revista Brasileira De Botanica</i> , 2020, 43, 109-121.	0.5	23
40	Genetic diversity and population structure of endangered rosewood from the Peruvian Amazon using ISSR markers. <i>Acta Amazonica</i> , 2020, 50, 204-212.	0.3	8
41	DNA fingerprinting and genetic diversity analysis of world quinoa germplasm using iPBS-retrotransposon marker system. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2020, 44, 479-491.	0.8	35
42	Identification of Genetic Variations on <i>Fritillaria imperialis</i> L. Genotypes Collected from Van Lake Basin by iPBS-Retrotranspozon Markers. <i>Yuzuncu Yil University Journal of Agricultural Sciences</i> , 2020, 30, 398-406.	0.1	1
43	Geographical description and molecular characterization of genetic structure and diversity using a 6K SNP array in Turkish oat germplasm. <i>Canadian Journal of Plant Science</i> , 2019, 99, 12-21.	0.3	3
44	Development of EST-based SSR and SNP markers in <i>Gastrodia elata</i> (herbal medicine) by sequencing, de novo assembly and annotation of the transcriptome. <i>3 Biotech</i> , 2019, 9, 292.	1.1	11
45	Exploring the Genetic Diversity and Population Structure of Turkish Laurel Germplasm by the iPBS-Retrotransposon Marker System. <i>Agronomy</i> , 2019, 9, 647.	1.3	24
46	Genome-wide identification, classification, expression profiling and DNA methylation (5mC) analysis of stress-responsive ZFP transcription factors in rice (<i>Oryza sativa</i> L.). <i>Gene</i> , 2019, 718, 144018.	1.0	9
47	Transcriptome analysis and annotation: SNPs identified from single copy annotated unigenes of three polyploid blueberry crops. <i>PLoS ONE</i> , 2019, 14, e0216299.	1.1	9
48	Mobile genomic element diversity in world collection of safflower (<i>Carthamus tinctorius</i> L.) panel using iPBS-retrotransposon markers. <i>PLoS ONE</i> , 2019, 14, e0211985.	1.1	35
49	Deciphering global DNA variations and embryo sac fertility in autotetraploid rice line. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2019, 43, 554-568.	0.8	16
50	Genome-wide association mapping of total antioxidant capacity, phenols, tannins, and flavonoids in a panel of <i>Sorghum bicolor</i> and <i>S. bicolor</i> × <i>S. halepense</i> populations using multi-locus models. <i>PLoS ONE</i> , 2019, 14, e0225979.	1.1	22
51	Characterization of Cellulose Synthase A (CESA) Gene Family in Eudicots. <i>Biochemical Genetics</i> , 2019, 57, 248-272.	0.8	16
52	Identification of chromosomal regions in the genetic control of quality traits in durum wheat (<i>Triticum turgidum</i> L.) from the Fertile Crescent. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2019, 43, 334-350.	0.8	3
53	Assessing genetic diversity of potato genotypes using inter-PBS retrotransposon marker system. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 137-145.	0.4	24
54	DNA molecular markers in plant breeding: current status and recent advancements in genomic selection and genome editing. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 261-285.	0.5	487

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55	Genetic diversity assessment in <i>Nicotianatabacum</i> L. with iPBS-retrotransposons. <i>Turk Tarim Ve Ormançilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018, 42, 154-164.	0.8	23
56	Characterization of genetic diversity in Turkish common bean gene pool using phenotypic and whole-genome DArTseq-generated silicoDArT marker information. <i>PLoS ONE</i> , 2018, 13, e0205363.	1.1	47
57	Biotechnological Approaches for Genetic Improvement of Fenugreek (<i>Trigonella foenum-graceum</i> L.) , 2018, , 417-444.		1
58	Laurel (<i>Laurus nobilis</i> L.): A Less-Known Medicinal Plant to the World with Diffusion, Genomics, Phenomics, and Metabolomics for Genetic Improvement. , 2018, , 631-653.		6
59	Fenugreek (<i>Trigonella foenum-graecum</i> L.): An Underutilized Edible Plant of Modern World. , 2018, , 381-408.		19
60	Isoflavone profile diversity in Korean wild soybeans (<i>Glycine soja</i> Sieb. & Zucc.). <i>Turk Tarim Ve Ormançilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018, 42, 248-261.	0.8	15
61	Exploring the genetic diversity and population structure of Turkish common bean germplasm by the iPBS-retrotransposons markers. <i>Legume Research</i> , 2018, , .	0.0	7
62	Effects of trimethylamine oxide (TMAO) and loading duration on the shoot tip cryopreservation of loquat (<i>Eriobotrya japonica</i>). <i>Turkish Journal of Biology</i> , 2018, 42, 224-230.	2.1	0
63	Genetic diversity and population structure of Korean wild soybean (<i>Glycine soja</i> Sieb. and Zucc.) inferred from microsatellite markers. <i>Biochemical Systematics and Ecology</i> , 2017, 71, 87-96.	0.6	21
64	The genetic diversity and population structure of wild soybean evaluated by chloroplast and nuclear gene sequences. <i>Biochemical Systematics and Ecology</i> , 2017, 71, 170-178.	0.6	12
65	Genome and transcriptome-wide analyses of cellulose synthase gene superfamily in soybean. <i>Journal of Plant Physiology</i> , 2017, 215, 163-175.	1.6	32
66	Systems Identification and Characterization of Cell Wall Reassembly and Degradation Related Genes in <i>Glycine max</i> (L.) Merrill, a Bioenergy Legume. <i>Scientific Reports</i> , 2017, 7, 10862.	1.6	30
67	RNA-Seq reveals differential expression patterns of genes associated with carotenoid accumulation in loquat. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	1.0	3
68	A Whole Genome DArTseq and SNP Analysis for Genetic Diversity Assessment in Durum Wheat from Central Fertile Crescent. <i>PLoS ONE</i> , 2017, 12, e0167821.	1.1	137
69	Allelic variations of glutenin subunits and their association with quality traits in bread wheat genotypes. <i>Turk Tarim Ve Ormançilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2017, 41, 127-134.	0.8	7
70	High levels of segregation distortion in the molecular linkage map of bread wheat representing the West Asia and North Africa region. <i>Turk Tarim Ve Ormançilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2016, 40, 352-364.	0.8	19
71	Population structure of rice varieties used in Turkish rice breeding programs determined using simple-sequence repeat and inter-primer binding site-retrotransposon data. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	9
72	iPBS retrotransposons –A Universal Retrotransposons™ now in molecular phylogeny of fungal pathogens. <i>Biochemical Systematics and Ecology</i> , 2016, 68, 142-147.	0.6	23

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73	In Silico Functional Analyses of SWEETs Reveal Cues for Their Role in AMF Symbiosis. , 2016, , 45-58.		6
74	The grain Hardness locus characterized in a diverse wheat panel (<i>Triticum aestivum</i> L.) adapted to the central part of the Fertile Crescent: genetic diversity, haplotype structure, and phylogeny. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1259-1275.	1.0	8
75	Phenotypic and genotypic intra-diversity among Anatolian durum wheat "Kunduru" landraces. <i>Biochemical Systematics and Ecology</i> , 2016, 65, 9-16.	0.6	18
76	Genetic Variation for Biofortifying The Maize Grain. <i>Turkish Journal of Agriculture: Food Science and Technology</i> , 2016, 4, 684.	0.1	4
77	Phylogeographical studies of <i>Glycine soja</i> : implicating the refugium during the Quaternary glacial period and large-scale expansion after the Last Glacial Maximum. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2016, 40, 825-838.	0.8	7
78	Development of a Competent and Trouble Free DNA Isolation Protocol for Downstream Genetic Analyses in <i>Glycine</i> Species. <i>Turkish Journal of Agriculture: Food Science and Technology</i> , 2016, 4, 700.	0.1	2
79	Lack of Population Structure in Coriander Populations Based on SDS (Seed Storage Protein) Page Analysis. <i>Turkish Journal of Agriculture: Food Science and Technology</i> , 2016, 4, 656.	0.1	1
80	Sivas Ekolojik Koşullarında Soğuk Dayanıklı Bezelye (<i>Pisum sativum</i> ssp. <i>sativum</i> L. ve ssp. <i>arvense</i> L.) Genotiplerinin Belirlenmesi. <i>Tarla Bitkileri Merkez Araştırma Enstitüsü Dergisi</i> , 2016, 25, 171-171.	0.6	4
81	Development, characterization and mapping of microsatellite markers for lentil (<i>Lens culinaris</i>) Tj ETQq1 1 0.784314 rgBT /Over	1.0	27
82	Effects of different priming applications on seed germination and some agromorphological characteristics of bread wheat (<i>Triticum aestivum</i> L.). <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 1005-1013.	0.8	14
83	Insect-resistant transgenic crops: retrospect and challenges. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 531-548.	0.8	34
84	Evaluation of the geographical pattern of genetic diversity of <i>Glycine soja</i> and <i>Glycine max</i> based on four single copy nuclear gene loci: For conservation of soybean germplasm. <i>Biochemical Systematics and Ecology</i> , 2015, 62, 229-235.	0.6	12
85	Inter-primer binding site retrotransposon and inter-simple sequence repeat diversity among wild <i>Lens</i> species. <i>Biochemical Systematics and Ecology</i> , 2015, 58, 162-168.	0.6	30
86	Transferability of Cucurbita SSR markers for genetic diversity assessment of Turkish bottle gourd (<i>Lagenaria siceraria</i>) genetic resources. <i>Biochemical Systematics and Ecology</i> , 2015, 59, 45-53.	0.6	22
87	DNA based iPBS-retrotransposon markers for investigating the population structure of pea (<i>Pisum</i>) Tj ETQq1 1 0.784314 rgBT /Over	0.6	53
88	Genetic Linkage Map of Anatolian Durum Wheat Derived from a Cross of Kunduru-1149 "Cham1. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 209-220.	1.0	22
89	Genetic diversity in mutated and non-mutated rice varieties. <i>Genetics and Molecular Research</i> , 2015, 14, 17109-17123.	0.3	8
90	Genetic bottlenecks in Turkish okra germplasm and utility of iPBS retrotransposon markers for genetic diversity assessment. <i>Genetics and Molecular Research</i> , 2015, 14, 10588-10602.	0.3	30

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91	Variation for selected morphological and quality-related traits among 178 faba bean landraces collected from Turkey. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2014, 12, 5-13.	0.4	35
92	Variation of some seed mineral contents in open pollinated faba bean (<i>Vicia faba</i> L.) landraces from Turkey. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2014, 38, 591-602.	0.8	46
93	Genetic Diversity of Some Tomato Cultivars and Breeding Lines Commonly Used in Pakistani Breeding Program. <i>Turkish Journal of Agriculture: Food Science and Technology</i> , 2014, 3, 126.	0.1	7
94	iPBS-Retrotransposons-based genetic diversity and relationship among wild annual <i>Cicer</i> species. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2013, 22, 453-466.	0.9	56
95	Diversity of Macro- and Micronutrients in the Seeds of Lentil Landraces. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9.	0.8	61
96	Diversity Assessment of Turkish Maize Landraces Based on Fluorescent Labelled SSR Markers. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 261-274.	1.0	53
97	Distribution of vernalization and photoperiod genes (<i>Vrn-A1</i> , <i>Vrn-B1</i> , <i>Vrn-D1</i> , <i>Vrn-B3</i> , <i>Ppd-D1</i>) in Turkish bread wheat cultivars and landraces. <i>Cereal Research Communications</i> , 2011, 39, 352-364.	0.8	30
98	The allelic state at the major semi-dwarfing genes in a panel of Turkish bread wheat cultivars and landraces. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2011, 9, 423-429.	0.4	15
99	Nutritional and physicochemical variation in Turkish kabuli chickpea (<i>Cicer arietinum</i> L.) landraces. <i>Euphytica</i> , 2010, 175, 237-249.	0.6	49
100	Testing of rye-specific markers located on 1RS chromosome and distribution of 1AL.RS and 1BL.RS translocations in Turkish wheat (<i>Triticum aestivum</i> L., <i>T. durum</i> Desf.) varieties and landraces. <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 119-129.	0.8	24
101	Effect of soil applied zinc sulphate on wheat (<i>Triticum aestivum</i> L.) grown on a calcareous soil in Pakistan. <i>Cereal Research Communications</i> , 2008, 36, 571-582.	0.8	44
102	Investigation of Quality and Cooking Traits Diversity in a Global Common Bean Germplasm. <i>Global Journal of Botanical Science</i> , 0, 8, 21-29.	0.4	2
103	Türkiye'deki Islah Materyallerinin Türki Fasulye Genetik Kaynakları ve Morfo-Agronomik ve Mineral İçerik Varyasyonlarının Belirlenmesi. <i>Kahramanmaraş Sıhhiye Fakültesi Tıp Fakültesi Dergisi</i> , 0, 2, 15		
104	Genetic analysis of some physical properties of bread wheat grain (<i>Triticum aestivum</i> L. em Thell). <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 0, , .	0.8	22
105	Influence of Rootstock and Variety on Leaf Nutrient Concentration of Pear Grown on a Nutrient-Sufficient Soil. <i>Kahramanmaraş Sıhhiye Fakültesi Dergisi</i> , 0, 22, 141-147.	0.2	8