Faheem Shehzad Baloch

List of Publications by Year
in descending order

105	2,337	279487 23	276539 41
papers	citations	h-index	g-index

108	108	108	1923
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA molecular markers in plant breeding: current status and recent advancements in genomic selection and genome editing. Biotechnology and Biotechnological Equipment, 2018, 32, 261-285.	0.5	487
2	A Whole Genome DArTseq and SNP Analysis for Genetic Diversity Assessment in Durum Wheat from Central Fertile Crescent. PLoS ONE, 2017, 12, e0167821.	1.1	137
3	Diversity of Macro- and Micronutrients in the Seeds of Lentil Landraces. Scientific World Journal, The, 2012, 2012, 1-9.	0.8	61
4	iPBS-Retrotransposons-based genetic diversity and relationship among wild annual Cicer species. Journal of Plant Biochemistry and Biotechnology, 2013, 22, 453-466.	0.9	56
5	Diversity Assessment of Turkish Maize Landraces Based on Fluorescent Labelled SSR Markers. Plant Molecular Biology Reporter, 2012, 30, 261-274.	1.0	53
6	DNA based iPBS-retrotransposon markers for investigating the population structure of pea (Pisum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	53
7	Nutritional and physicochemical variation in Turkish kabuli chickpea (Cicer arietinum L.) landraces. Euphytica, 2010, 175, 237-249.	0.6	49
8	Plant drought stress tolerance: understanding its physiological, biochemical and molecular mechanisms. Biotechnology and Biotechnological Equipment, 2021, 35, 1912-1925.	0.5	49
9	Characterization of genetic diversity in Turkish common bean gene pool using phenotypic and whole-genome DArTseq-generated silicoDArT marker information. PLoS ONE, 2018, 13, e0205363.	1.1	47
10	Variation of some seed mineral contents in open pollinated faba bean (Vicia faba L.) landraces from Turkey. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2014, 38, 591-602.	0.8	46
11	Effect of soil applied zinc sulphate on wheat (Triticum aestivumL.) grown on a calcareous soil in Pakistan. Cereal Research Communications, 2008, 36, 571-582.	0.8	44
12	Common bean as a potential crop for future food security: an overview of past, current and future contributions in genomics, transcriptomics, transgenics and proteomics. Biotechnology and Biotechnological Equipment, 2021, 35, 759-787.	0.5	39
13	Variation for selected morphological and quality-related traits among 178 faba bean landraces collected from Turkey. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, 5-13.	0.4	35
14	Mobile genomic element diversity in world collection of safflower (Carthamus tinctorius L.) panel using iPBS-retrotransposon markers. PLoS ONE, 2019, 14, e0211985.	1.1	35
15	Phenotypic Characterization of 183 Turkish Common Bean Accessions for Agronomic, Trading, and Consumer-Preferred Plant Characteristics for Breeding Purposes. Agronomy, 2020, 10, 272.	1.3	35
16	DNA fingerprinting and genetic diversity analysis of world quinoa germplasm using iPBS-retrotransposon marker system. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2020, 44, 479-491.	0.8	35
17	Insect-resistant transgenic crops: retrospect and challenges. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2015, 39, 531-548.	0.8	34
18	Genome and transcriptome-wide analyses of cellulose synthase gene superfamily in soybean. Journal of Plant Physiology, 2017, 215, 163-175.	1.6	32

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19	Distribution of vernalization and photoperiod genes (Vrn-A1, Vrn-B1, Vrn-D1, Vrn-B3, Ppd-D1)in Turkish bread wheat cultivars and landraces. Cereal Research Communications, 2011, 39, 352-364.	0.8	30
20	Inter-primer binding site retrotransposon and inter-simple sequence repeat diversity among wild Lens species. Biochemical Systematics and Ecology, 2015, 58, 162-168.	0.6	30
21	Systems Identification and Characterization of Cell Wall Reassembly and Degradation Related Genes in Glycine max (L.) Merill, a Bioenergy Legume. Scientific Reports, 2017, 7, 10862.	1.6	30
22	Genetic bottlenecks in Turkish okra germplasm and utility of iPBS retrotransposon markers for genetic diversity assessment. Genetics and Molecular Research, 2015, 14, 10588-10602.	0.3	30
23	Development, characterization and mapping of microsatellite markers for lentil (Lens culinaris) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	27
24	Uncovering Phenotypic Diversity and DArTseq Marker Loci Associated with Antioxidant Activity in Common Bean. Genes, 2020, 11, 36.	1.0	26
25	Testing of rye-specific markers located on 1RS chromosome and distribution of 1AL.RS and 1BL.RS translocations in Turkish wheat (Triticum aestivum L., T. durum Desf.) varieties and landraces. Genetic Resources and Crop Evolution, 2010, 57, 119-129.	0.8	24
26	Assessing genetic diversity of potato genotypes using inter-PBS retrotransposon marker system. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 137-145.	0.4	24
27	Exploring the Genetic Diversity and Population Structure of Turkish Laurel Germplasm by the iPBS-Retrotransposon Marker System. Agronomy, 2019, 9, 647.	1.3	24
28	iPBS retrotransposons â€˜A Universal Retrotransposonsâ€™ now in molecular phylogeny of fungal pathogens. Biochemical Systematics and Ecology, 2016, 68, 142-147.	0.6	23
29	Genetic diversity assessment in Nicotianatabacum L. with iPBS-retrotransposons. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2018, 42, 154-164.	0.8	23
30	Molecular characterization of genetic diversity and similarity centers of safflower accessions with ISSR markers. Revista Brasileira De Botanica, 2020, 43, 109-121.	0.5	23
31	Transferability of Cucurbita SSR markers for genetic diversity assessment of Turkish bottle gourd (Lagenaria siceraria) genetic resources. Biochemical Systematics and Ecology, 2015, 59, 45-53.	0.6	22
32	Genetic Linkage Map of Anatolian Durum Wheat Derived from a Cross of Kunduru-1149 Ã— Cham1. Plant Molecular Biology Reporter, 2015, 33, 209-220.	1.0	22
33	Genome-wide association mapping of total antioxidant capacity, phenols, tannins, and flavonoids in a panel of Sorghum bicolor and S. bicolor Ã— S. halepense populations using multi-locus models. PLoS ONE, 2019, 14, e0225979.	1.1	22
34	Genetic diversity analysis in the Turkish pepper germplasm using iPBS retrotransposon- based markers. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2020, 44, 1-14.	0.8	22
35	Genetic analysis of some physical properties of bread wheat grain (Triticum aestivum L. em Thell). Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 0, , .	0.8	22
36	Genetic diversity and population structure of Korean wild soybean (Glycine soja Sieb. and Zucc.) inferred from microsatellite markers. Biochemical Systematics and Ecology, 2017, 71, 87-96.	0.6	21

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37	Genome-Wide Association Study for Biomass Related Traits in a Panel of Sorghum bicolor and S. bicolor Ã— S. halepense Populations. Frontiers in Plant Science, 2020, 11, 551305.	1.7	20
38	Genomic Selection for Optimum Index with Dry Biomass Yield, Dry Mass Fraction of Fresh Material, and Plant Height in Biomass Sorghum. Genes, 2020, 11, 61.	1.0	20
39	High levels of segregation distortion in the molecular linkage map of bread wheat representing the West Asia and North Africa region. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2016, 40, 352-364.	0.8	19
40	Fenugreek (Trigonella foenum-graecum L.): An Underutilized Edible Plant of Modern World. , 2018, , 381-408.		19
41	Effects of Silicon and Selenium in Alleviation of Drought Stress in Rice. Silicon, 2022, 14, 5453-5461.	1.8	19
42	Phenotypic and genotypic intra-diversity among Anatolian durum wheat â€œKunduruâ€•landraces. Biochemical Systematics and Ecology, 2016, 65, 9-16.	0.6	18
43	Genetic Diversity, Population Structure and Marker-Trait Association for 100-Seed Weight in International Safflower Panel Using SilicoDArT Marker Information. Plants, 2020, 9, 652.	1.6	18
44	Investigation of morphoagronomic performance and selection indices in the international safflower panel for breeding perspectives. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2020, 44, 103-120.	0.8	17
45	Deciphering global DNA variations and embryo sac fertility in autotetraploid rice line. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2019, 43, 554-568.	0.8	16
46	Characterization of Cellulose Synthase A (CESA) Gene Family in Eudicots. Biochemical Genetics, 2019, 57, 248-272.	0.8	16
47	The allelic state at the major semi-dwarfing genes in a panel of Turkish bread wheat cultivars and landraces. Plant Genetic Resources: Characterisation and Utilisation, 2011, 9, 423-429.	0.4	15
48	Isoflavone profile diversity in Korean wild soybeans (Glycine soja Sieb. & Zucc.). Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2018, 42, 248-261.	0.8	15
49	Molecular footprints of selection effects and whole genome duplication (WGD) events in three blueberry species: detected by transcriptome dataset. BMC Plant Biology, 2020, 20, 250.	1.6	15
50	TÃ¼rkiyeâ€™deki Islah Ã‡alÄ±ÅŸmalarÄ± Ä°Ã§in TÃ¼rk Fasulye Genetik KaynaklarÄ±nÄ±n Morfo-Agronomik ve Mineral Ä°Ã§erik VaryasyonlarÄ±nÄ±n Belirlenmesi. KahramanmaraÅŸ SÃ¼tÃ§Ã¼ Ä°mam Ãœniversitesi TarÄ±m Ve DoÄŸa Dergisi, 0, , .	0.2	15
51	Effects of different priming applications on seed germination and some agromorphological characteristics of bread wheat (Triticum aestivum L.). Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2015, 39, 1005-1013.	0.8	14
52	Evaluation of the geographical pattern of genetic diversity of Glycine soja and Glycine max based on four single copy nuclear gene loci: For conservation of soybean germplasm. Biochemical Systematics and Ecology, 2015, 62, 229-235.	0.6	12
53	The genetic diversity and population structure of wild soybean evaluated by chloroplast and nuclear gene sequences. Biochemical Systematics and Ecology, 2017, 71, 170-178.	0.6	12
54	Development of EST-based SSR and SNP markers in Gastrodia elata (herbal medicine) by sequencing, de novo assembly and annotation of the transcriptome. 3 Biotech, 2019, 9, 292.	1.1	11

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55	Population structure of rice varieties used in Turkish rice breeding programs determined using simple-sequence repeat and inter-primer binding site-retrotransposon data. Genetics and Molecular Research, 2016, 15, .	0.3	9
56	Genome-wide identification, classification, expression profiling and DNA methylation (5mC) analysis of stress-responsive ZFP transcription factors in rice (Oryza sativa L.). Gene, 2019, 718, 144018.	1.0	9
57	Transcriptome analysis and annotation: SNPs identified from single copy annotated unigenes of three polyploid blueberry crops. PLoS ONE, 2019, 14, e0216299.	1.1	9
58	The first report about genetic diversity analysis among endemic wild rhubarb (Rheum ribes L.) populations through iPBS markers. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2021, 45, 784-796.	0.8	9
59	The grain Hardness locus characterized in a diverse wheat panel (Triticum aestivum L.) adapted to the central part of the Fertile Crescent: genetic diversity, haplotype structure, and phylogeny. Molecular Genetics and Genomics, 2016, 291, 1259-1275.	1.0	8
60	Identification, phylogenetic analysis, and expression patterns of the SAUR gene family in loquat (Eriobotrya japonica). Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2020, 44, 15-23.	0.8	8
61	Machine learning models based on remote and proximal sensing as potential methods for in-season biomass yields prediction in commercial sorghum fields. PLoS ONE, 2021, 16, e0249136.	1.1	8
62	Exploring the genetic diversity and population structure of scarlet eggplant germplasm from Rwanda through iPBS-retrotransposon markers. Molecular Biology Reports, 2021, 48, 6323-6333.	1.0	8
63	Genetic diversity and population structure of endangered rosewood from the Peruvian Amazon using ISSR markers. Acta Amazonica, 2020, 50, 204-212.	0.3	8
64	Genetic diversity in mutated and non-mutated rice varieties. Genetics and Molecular Research, 2015, 14, 17109-17123.	0.3	8
65	Influence of Rootstock and Variety on Leaf Nutrient Concentration of Pear Grown on a Nutrient-Sufficient Soil. KahramanmaraÅŸ SÃ¼tÃ§Ã¼ Ä°mam Ãœniversitesi TarÄ±m Ve DoÄŸa Dergisi, 0, 22, 141-147.	0.2	8
66	Allelic variations of glutenin subunits and their associationwith quality traits in bread wheat genotypes. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2017, 41, 127-134.	0.8	7
67	In-silico Exploration of Channel Type and Efflux Silicon Transporters and Silicification Proteins in 80 Sequenced Viridiplantae Genomes. Plants, 2020, 9, 1612.	1.6	7
68	In-Depth Genetic Diversity and Population Structure of Endangered Peruvian Amazon Rosewood Germplasm Using Genotyping by Sequencing (GBS) Technology. Forests, 2021, 12, 197.	0.9	7
69	Random mutagenesis in vegetatively propagated crops: opportunities, challenges and genome editing prospects. Molecular Biology Reports, 2022, 49, 5729-5749.	1.0	7
70	Exploring the genetic diversity and population structure of Turkish common bean germplasm by the iPBS-retrotransposons markers. Legume Research, 2018, , .	0.0	7
71	Genetic Diversity of Some Tomato Cultivars and Breeding Lines Commonly Used in Pakistani Breeding Program. Turkish Journal of Agriculture: Food Science and Technology, 2014, 3, 126.	0.1	7
72	Phylogeographical studies of Glycine soja: implicating the refugium during the Quaternary glacial period and large-scale expansion after the Last Glacial Maximum. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2016, 40, 825-838.	0.8	7

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73	Marker-assisted selection and validation of DNA markers associated with cadmium content in durum wheat germplasm. Crop and Pasture Science, 2022, 73, 943-956.	0.7	7
74	In Silico Functional Analyses of SWEETs Reveal Cues for Their Role in AMF Symbiosis. , 2016, , 45-58.		6
75	Laurel (Laurus nobilis L.): A Less-Known Medicinal Plant to the World with Diffusion, Genomics, Phenomics, and Metabolomics for Genetic Improvement. , 2018, , 631-653.		6
76	De Novo Assembly and Annotation of the Juvenile Tuber Transcriptome of a Gastrodia elata Hybrid by RNA Sequencing: Detection of SSR Markers. Biochemical Genetics, 2020, 58, 914-934.	0.8	6
77	Genomics, Phenomics, and Next Breeding Tools for Genetic Improvement of Safflower (Carthamus) Tj ETQq1 1 0.784314 rgBT /Overlock		6
78	Genetic dissection ofÂdays to flowering viaÂgenome-wide association studies in Turkish common bean germplasm. Physiology and Molecular Biology of Plants, 2021, 27, 1609-1622.	1.4	6
79	Expression studies of stress responsive genes in cotton Gossypium hirsutum L.. Molecular Biology Reports, 2021, 48, 7077-7085.	1.0	6
80	Identification of genetic basis associated with agronomic traits in a global safflower panel using genome-wide association study. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2021, 45, 834-849.	0.8	6
81	Determination of Se content of 78 sesame accessions with different geographical origin. Journal of Food Composition and Analysis, 2020, 94, 103621.	1.9	5
82	Genome-wide analysis of bZIP, BBR, and BZR transcription factors in Triticum aestivum. PLoS ONE, 2021, 16, e0259404.	1.1	5
83	Turkish durum wheat conserved exâ€situ and in situ unveils a new hotspot of unexplored genetic diversity. Crop Science, 2022, 62, 1200-1212.	0.8	5
84	Whole-genome resequencing of Sorghum bicolor and S. bicolor Ã— S. halepense lines provides new insights for improving plant agroecological characteristics. Scientific Reports, 2022, 12, 5556.	1.6	5
85	Assessing the genetic diversity in hawthorn (Crataegus spp.) genotypes using morphological, phytochemical and molecular markers. Genetic Resources and Crop Evolution, 2023, 70, 135-146.	0.8	5
86	Genetic Variation for Biofortifying The Maize Grain. Turkish Journal of Agriculture: Food Science and Technology, 2016, 4, 684.	0.1	4
87	Sivas Ekolojik KoÅŸullarÄ±nda SoÄŸuÄŸa DayanÄ±klÄ± Bezelye (Pisum sativum ssp. sativum L. ve ssp. arvense L.) Genotiplerinin Belirlenmesi. Tarla Bitkileri Merkez AraÅŸtÄ±rma EnstitÃ¼sÃ¼ Dergisi, 2016, 25, 171-171.	0.6	4
88	Applicability of inter-primer binding site iPBS- retrotransposon marker system for the assessment of genetic diversity and population structure of Peruvian rosewood (Aniba rosaeodora Ducke) germplasm. Molecular Biology Reports, 2022, 49, 2553-2564.	1.0	4
89	Magnesium- a Forgotten Element: Phenotypic Variation and Genome Wide Association Study in Turkish Common Bean Germplasm. Frontiers in Genetics, 2022, 13, 848663.	1.1	4
90	RNA-Seq reveals differential expression patterns of genes associated with carotenoid accumulation in loquat. Acta Physiologiae Plantarum, 2017, 39, 1.	1.0	3

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91	Geographical description and molecular characterization of genetic structure and diversity using a 6K SNP array in Turkish oat germplasm. Canadian Journal of Plant Science, 2019, 99, 12-21.	0.3	3
92	Macro and micro nutrients diversity in the seeds of field pea germplasm. Pakistan Journal of Botany, 2021, 53, .	0.2	3
93	Contribution of Landraces in Wheat Breeding. , 2021, , 215-258.		3
94	Identification of chromosomal regions in the genetic control of quality traits in durum wheat (Triticumturgidum L.) from the Fertile Crescent. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2019, 43, 334-350.	0.8	3
95	Omics: a tool for resilient rice genetic improvement strategies. Molecular Biology Reports, 2022, 49, 5075-5088.	1.0	3
96	Assessment of genetic diversity among 131 safflower (Carthamus tinctorius L.) accessions using peroxidase gene polymorphism (POGP) markers. Molecular Biology Reports, 2022, 49, 6531-6539.	1.0	3
97	Genetic architecture of wild soybean (Glycine soja Sieb. and Zucc.) populations originating from different East Asian regions. Genetic Resources and Crop Evolution, 2021, 68, 1577-1588.	0.8	2
98	Investigation of Quality and Cooking Traits Diversity in a Global Common Bean Germplasm. Global Journal of Botanical Science, 0, 8, 21-29.	0.4	2
99	Development of a Competent and Trouble Free DNA Isolation Protocol for Downstream Genetic Analyses in Glycine Species. Turkish Journal of Agriculture: Food Science and Technology, 2016, 4, 700.	0.1	2
100	Molecular characterization and validation of sunflower (Helianthus annuus L.) hybrids through SSR markers. PLoS ONE, 2022, 17, e0267383.	1.1	2
101	Biotechnological Approaches for Genetic Improvement of Fenugreek (Trigonella foenum-graceum L.). , 2018, , 417-444.		1
102	Lack of Population Structure in Coriander Populations Based on SDS (Seed Storage Protein) Page Analysis. Turkish Journal of Agriculture: Food Science and Technology, 2016, 4, 656.	0.1	1
103	Identification of Genetic Variations on Fritillaria imperialis L. Genotypes Collected from Van Lake Basin by iPBS-Retrotranspozon Markers. Yuzuncu Yil University Journal of Agricultural Sciences, 2020, 30, 398-406.	0.1	1
104	Comparative genetic, biochemical and physiological analysis of sodium and chlorine in wheat. Molecular Biology Reports, 2022, , .	1.0	1
105	Effects of trimethylamine oxide (TMAO) and loading duration on the shoot tip cryopreservation of loquat (Eriobotrya japonica). Turkish Journal of Biology, 2018, 42, 224-230.	2.1	0