

Muhammad Amjad Nawaz

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2347440/muhammad-amjad-nawaz-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,115
citations

18
h-index

32
g-index

57
ext. papers

1,530
ext. citations

3.5
avg, IF

4.46
L-index

#	Paper	IF	Citations
52	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	3.6	0
51	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	2	
50	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	2.8	2
49	Combined Application of Biochar and Biocontrol Agents Enhances Plant Growth and Activates Resistance Against <i>Meloidogyne incognita</i> in Tomato. <i>Gesunde Pflanzen</i> , 2021 , 73, 591	1.9	3
48	Genome-Wide Identification and Expression Profiling of Potassium Transport-Related Genes in under Abiotic Stresses.. <i>Plants</i> , 2021 , 11,	4.5	1
47	Biochemical adaptation of wild and cultivated soybean against toxicity of lead salts. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 79, 103429	5.8	0
46	Korean Wild Soybeans (<i>Glycine soja</i> Sieb & Zucc.): Geographic Distribution and Germplasm Conservation. <i>Agronomy</i> , 2020 , 10, 214	3.6	9
45	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	3.6	19
44	GMOs, Biodiversity and Ecosystem Processes. <i>Topics in Biodiversity and Conservation</i> , 2020 , 3-17	0.2	7
43	Dihydroquercetin increases the adaptive potential of wild soybean against copper sulfate and cadmium sulfate toxicity. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2020 , 44, 492-499	2.2	2
42	Molecular characterization of genetic diversity and similarity centers of safflower accessions with ISSR markers. <i>Revista Brasileira De Botanica</i> , 2020 , 43, 109-121	1.2	4
41	Transgenic crops for the agricultural improvement in Pakistan: a perspective of environmental stresses and the current status of genetically modified crops. <i>GM Crops and Food</i> , 2020 , 11, 1-29	2.7	14
40	In-silico Exploration of Channel Type and Efflux Silicon Transporters and Silicification Proteins in 80 Sequenced Viridiplantae Genomes. <i>Plants</i> , 2020 , 9,	4.5	2
39	Determination of Se content of 78 sesame accessions with different geographical origin. <i>Journal of Food Composition and Analysis</i> , 2020 , 94, 103621	4.1	1
38	Investigation of morphoagronomic performance and selection indices in the international safflower panel for breeding perspectives. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2020 , 44, 103-120	2.2	9
37	Genome-wide identification and expression analysis of two component system genes in <i>Cicer arietinum</i> . <i>Genomics</i> , 2020 , 112, 1371-1383	4.3	12
36	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	3.8	5

35	Ribonuclease activity of Glycine max and Glycine soja sprouts as a marker adaptation to copper sulphate and zinc sulphate toxicity. <i>Biochemical Systematics and Ecology</i> , 2019 , 83, 66-70	1.4	1
34	Genome-wide analysis of spatiotemporal gene expression patterns during floral organ development in <i>Brassica rapa</i> . <i>Molecular Genetics and Genomics</i> , 2019 , 294, 1403-1420	3.1	10
33	Uncovering Phenotypic Diversity and DArTseq Marker Loci Associated with Antioxidant Activity in Common Bean. <i>Genes</i> , 2019 , 11,	4.2	13
32	Phytolith Formation in Plants: From Soil to Cell. <i>Plants</i> , 2019 , 8,	4.5	33
31	Insights on Calcium-Dependent Protein Kinases (CPKs) Signaling for Abiotic Stress Tolerance in Plants. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
30	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	3.7	21
29	Addressing concerns over the fate of DNA derived from genetically modified food in the human body: A review. <i>Food and Chemical Toxicology</i> , 2019 , 124, 423-430	4.7	28
28	Genome-wide identification and expression analyses of WRKY transcription factor family members from chickpea (<i>Cicer arietinum</i> L.) reveal their role in abiotic stress-responses. <i>Genes and Genomics</i> , 2019 , 41, 467-481	2.1	32
27	Genetically Modified Plants: Risks to Environment 2019 , 208-214		
26	Characterization of Cellulose Synthase A (CESA) Gene Family in Eudicots. <i>Biochemical Genetics</i> , 2019 , 57, 248-272	2.4	12
25	Vanadium toxicity in chickpea (<i>Cicer arietinum</i> L.) grown in red soil: Effects on cell death, ROS and antioxidative systems. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 158, 139-144	7	47
24	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	3.2	39
23	Comparative genomic and transcriptomic analyses of Family-1 UDP glycosyltransferase in three Brassica species and Arabidopsis indicates stress-responsive regulation. <i>Scientific Reports</i> , 2018 , 8, 1875	4.9	52
22	Soyisoflavone diversity in wild soybeans (<i>Glycine soja</i> Sieb. & Zucc.) from the main centres of diversity. <i>Biochemical Systematics and Ecology</i> , 2018 , 77, 16-21	1.4	9
21	Functional characterization of naturally occurring wild soybean mutant (sg-5) lacking astringent saponins using whole genome sequencing approach. <i>Plant Science</i> , 2018 , 267, 148-156	5.3	10
20	Transcription factors WRKY11 and WRKY17 are involved in abiotic stress responses in Arabidopsis. <i>Journal of Plant Physiology</i> , 2018 , 226, 12-21	3.6	45
19	Physiological and anthocyanin biosynthesis genes response induced by vanadium stress in mustard genotypes with distinct photosynthetic activity. <i>Environmental Toxicology and Pharmacology</i> , 2018 , 62, 20-29	5.8	16
18	Signal Transduction in Plant-Nematode Interactions. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	26

17	Isoflavone profile diversity in Korean wild soybeans (<i>Glycine soja</i> Sieb. & Zucc.). <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018 , 42, 248-261	2.2	10
16	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	1.6	272
15	Genetic diversity assessment in <i>Nicotianatabacum</i> L. with iPBS-retrotransposons. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018 , 42, 154-164	2.2	15
14	Molecular Elucidation of Two Novel Seed Specific Flavonoid Glycosyltransferases in Soybean 2018 , 61, 320-329		4
13	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	3.7	29
12	Wild Soybeans: An Opportunistic Resource for Soybean Improvement 2018 ,		5
11	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		3
10	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	1.4	15
9	Genome and transcriptome-wide analyses of cellulose synthase gene superfamily in soybean. <i>Journal of Plant Physiology</i> , 2017 , 215, 163-175	3.6	17
8	Environmental impacts of genetically modified plants: A review. <i>Environmental Research</i> , 2017 , 156, 818-833	3.3	68
7	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	4.9	14
6	Impact on environment, ecosystem, diversity and health from culturing and using GMOs as feed and food. <i>Food and Chemical Toxicology</i> , 2017 , 107, 108-121	4.7	53
5	In-Depth Genomic and Transcriptomic Analysis of Five K Transporter Gene Families in Soybean Confirm Their Differential Expression for Nodulation. <i>Frontiers in Plant Science</i> , 2017 , 8, 804	6.2	21
4	Redox and Ionic Homeostasis Regulations against Oxidative, Salinity and Drought Stress in Wheat (A Systems Biology Approach). <i>Frontiers in Genetics</i> , 2017 , 8, 141	4.5	29
3	Genome-wide characterization and expression pattern of auxin response factor (ARF) gene family in soybean and common bean. <i>Genes and Genomics</i> , 2016 , 38, 1165-1178	2.1	12
2	Identification and expression profiling of a new ßmyrin synthase gene (GmBAS3) from soybean. <i>Russian Journal of Plant Physiology</i> , 2016 , 63, 383-390	1.6	6
1	Genome-wide analysis of Family-1 UDP-glycosyltransferases in soybean confirms their abundance and varied expression during seed development. <i>Journal of Plant Physiology</i> , 2016 , 206, 87-97	3.6	20