Mulatu Geleta Dida

List of Publications by Year
in descending order

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		331538	434063
64	1,280	21	31
papers	citations	h-index	g-index

65	65	65	1163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sorghum in dryland: morphological, physiological, and molecular responses of sorghum under drought stress. Planta, 2022, 255, 20.	1.6	55
2	Novel GBS-Based SNP Markers for Finger Millet and Their Use in Genetic Diversity Analyses. Frontiers in Genetics, 2022, 13, 848627.	1.1	7
3	RNA-Seq Provides Novel Genomic Resources for Noug (Guizotia abyssinica) and Reveals Microsatellite Frequency and Distribution in Its Transcriptome. Frontiers in Plant Science, 2022, 13, .	1.7	9
4	Comparison of Morphological and Genetic Characteristics of Avocados Grown in Tanzania. Genes, 2021, 12, 63.	1.0	7
5	Analyses of genetic diversity and population structure of anchote (Coccinia abyssinica (Lam.) Cogn.) using newly developed EST-SSR markers. Genetic Resources and Crop Evolution, 2021, 68, 2337-2350.	0.8	5
6	Sterols as a biomarker in tracing niger and sesame seeds oils adulterated with palm oil. Heliyon, 2021, 7, e06797.	1.4	6
7	Understanding the Sorghumâ€“Colletotrichum sublineola Interactions for Enhanced Host Resistance. Frontiers in Plant Science, 2021, 12, 641969.	1.7	11
8	Characterization of Oilseed Crop Noug (Guizotia abyssinica) Using Agro-Morphological Traits. Agronomy, 2021, 11, 1479.	1.3	3
9	Nutritional Profile of the Ethiopian Oilseed Crop Noug (Guizotia abyssinica Cass.): Opportunities for Its Improvement as a Source for Human Nutrition. Foods, 2021, 10, 1778.	1.9	9
10	Fatty Acid Profile, Total Phenolic Content, and Antioxidant Activity of Niger Seed (Guizotia abyssinica) and Linseed (Linum usitatissimum). Frontiers in Nutrition, 2021, 8, 674882.	1.6	18
11	Traits that define yield and genetic gain in East African highland banana breeding. Euphytica, 2021, 217, 1.	0.6	2
12	Novel Expressed Sequence Tag-Derived and Other Genomic Simple Sequence Repeat Markers Revealed Genetic Diversity in Ethiopian Finger Millet Landrace Populations and Cultivars. Frontiers in Plant Science, 2021, 12, 735610.	1.7	4
13	Insights Into the Genetic Diversity of Nordic Red Clover (Trifolium pratense) Revealed by SeqSNP-Based Genic Markers. Frontiers in Plant Science, 2021, 12, 748750.	1.7	11
14	Genotype by environment interaction, correlation, AMMI, GGE biplot and cluster analysis for grain yield and other agronomic traits in sorghum (Sorghum bicolor L. Moench). PLoS ONE, 2021, 16, e0258211.	1.1	43
15	Genetic Diversity and Population Structure of Sorghum [Sorghum Bicolor (L.) Moench] Accessions as Revealed by Single Nucleotide Polymorphism Markers. Frontiers in Plant Science, 2021, 12, 799482.	1.7	20
16	Morphological traits based genetic diversity assessment of Ethiopian potato [Plectranthus edulis (Vatke) Agnew] populations from Ethiopia. Genetic Resources and Crop Evolution, 2020, 67, 809-829.	0.8	7
17	New Transcriptome-Based SNP Markers for Noug (Guizotia abyssinica) and Their Conversion to KASP Markers for Population Genetics Analyses. Genes, 2020, 11, 1373.	1.0	16
18	QTL Mapping for Domestication-Related Characteristics in Field Cress (Lepidium campestre)â€"A Novel Oil Crop for the Subarctic Region. Genes, 2020, 11, 1223.	1.0	2

#	Article	IF	Citations
19	Significant progressive heterobeltiosis in banana crossbreeding. BMC Plant Biology, 2020, 20, 489.	1.6	8
20	Genetic diversity of avocado from the southern highlands of Tanzania as revealed by microsatellite markers. Hereditas, 2020, 157, 40.	0.5	9
21	Characterization of Tanzanian Avocado Using Morphological Traits. Diversity, 2020, 12, 64.	0.7	7
22	Oil crops for the future. Current Opinion in Plant Biology, 2020, 56, 181-189.	3.5	38
23	High-Density Genetic Linkage Mapping of Lepidium Based on Genotyping-by-Sequencing SNPs and Segregating Contig Tag Haplotypes. Frontiers in Plant Science, 2020, 11, 448.	1.7	6
24	Avocado Production and Local Trade in the Southern Highlands of Tanzania: A Case of an Emerging Trade Commodity from Horticulture. Agronomy, 2019, 9, 749.	1.3	21
25	Crossbreeding East African Highland Bananas: Lessons Learnt Relevant to the Botany of the Crop After 21 Years of Genetic Enhancement. Frontiers in Plant Science, 2019, 10, 81.	1.7	40
26	Heterobeltiosis in Banana and Genetic Gains through Crossbreeding. Proceedings (mdpi), 2019, 36, 193.	0.2	0
27	Mineral composition and nutritive value of Festuca ecotypes originated from the highland region of Bolivia and cultivars from Argentina. Australian Journal of Crop Science, 2019, , 1650-1658.	0.1	2
28	Suitability of existing Musa morphological descriptors to characterize East African highland â€˜matookeâ€™ bananas. Genetic Resources and Crop Evolution, 2018, 65, 645-657.	0.8	8
29	A transnational and holistic breeding approach is needed for sustainable wheat production in the Baltic Sea region. Physiologia Plantarum, 2018, 164, 442-451.	2.6	36
30	Genetic diversity and population structure analyses of Plectranthus edulis (Vatke) Agnew collections from diverse agro-ecologies in Ethiopia using newly developed EST-SSRs marker system. BMC Genetics, 2018, 19, 92.	2.7	26
31	Identification of genes regulating traits targeted for domestication of field cress (Lepidium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.7	9
32	Molecular markers associated with aluminium tolerance in Sorghum bicolor. Hereditas, 2018, 155, 20.	0.5	6
33	Nutritional variation in sorghum [Sorghum bicolor (L.) Moench] accessions from southern Africa revealed by protein and mineral composition. Journal of Cereal Science, 2018, 83, 123-129.	1.8	19
34	Genetic diversity in sorghum [Sorghum bicolor (L.) Moench] germplasm from Southern Africa as revealed by microsatellite markers and agro-morphological traits. Genetic Resources and Crop Evolution, 2017, 64, 599-610.	0.8	19
35	Genetic Diversity within a Global Panel of Durum Wheat (Triticum durum) Landraces and Modern Germplasm Reveals the History of Alleles Exchange. Frontiers in Plant Science, 2017, 8, 1277.	1.7	178
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37	Genetic structure and relationships within and between cultivated and wild korarima [Aframomum corrorima (Braun) P.C.M. Jansen] in Ethiopia as revealed by simple sequence repeat (SSR) markers. BMC Genetics, 2017, 18, 72.	2.7	6
38	Molecular and Genomic Tools Provide Insights on Crop Domestication and Evolution. Advances in Agronomy, 2016, 135, 181-223.	2.4	4
39	Enhancing Neoplasm Expression in Field Pea (Pisum sativum) via Intercropping and Its Significance to Pea Weevil (Bruchus pisorum) Management. Frontiers in Plant Science, 2016, 7, 654.	1.7	7
40	Screening the primary gene pool of field pea (Pisum sativum L. subsp. sativum) in Ethiopia for resistance against pea weevil (Bruchus pisorum L.). Genetic Resources and Crop Evolution, 2015, 62, 525-538.	0.8	33
41	Assessment of genetic diversity in Ethiopian field pea (Pisum sativum L.) accessions with newly developed EST-SSR markers. BMC Genetics, 2015, 16, 102.	2.7	26
42	Introducing hostâ€plant resistance to anthracnose in <scp>K</scp>yrgyz common bean through inoculationâ€based and markerâ€aided selection. Plant Breeding, 2014, 133, 86-91.	1.0	29
43	Genetic diversity analysis in Phaseolus vulgaris L. using morphological traits. Genetic Resources and Crop Evolution, 2014, 61, 555-566.	0.8	20
44	Cell membrane integrity, callose accumulation, and root growth in aluminum-stressed sorghum seedlings. Biologia Plantarum, 2014, 58, 768-772.	1.9	14
45	The importance of Guizotia abyssinica (niger) for sustainable food security in Ethiopia. Genetic Resources and Crop Evolution, 2013, 60, 1763-1770.	0.8	14
46	Marker-aided breeding for resistance to bean common mosaic virus in Kyrgyz bean cultivars. Euphytica, 2013, 193, 67-78.	0.6	32
47	Seed colour loci, homoeology and linkage groups of the C genome chromosomes revealed in Brassica rapa-B. oleracea monosomic alien addition lines. Annals of Botany, 2012, 109, 1227-1242.	1.4	29
48	Population Genetic Analysis ofLobelia rhynchopetalumHemsl. (Campanulaceae) Using DNA Sequences fromITSand Eight Chloroplast DNA Regions. Scientific World Journal, The, 2012, 2012, 1-10.	0.8	4
49	Genetic Diversity of Arabica Coffee (Coffea arabicaL.) in Nicaragua as Estimated by Simple Sequence Repeat Markers. Scientific World Journal, The, 2012, 2012, 1-11.	0.8	30
50	Assigning Brassica microsatellite markers to the nine C-genome chromosomes using Brassica rapa var. trilocularisâ€“B. oleracea var. alboglabra monosomic alien addition lines. Theoretical and Applied Genetics, 2012, 125, 455-466.	1.8	20
51	Comparative analysis of genetic diversity of sesame (Sesamum indicum L.) from Vietnam and Cambodia using agro-morphological and molecular markers. Hereditas, 2011, 148, 28-35.	0.5	31
52	Genetic diversity in sorghum (Sorghum bicolor (L.) Moench) accessions of Zambia as revealed by simple sequence repeats (SSR). Hereditas, 2011, 148, 52-62.	0.5	42
53	Variation and inheritance of oil content and fatty acid composition in niger (Guizotia abyssinica). Journal of Food Composition and Analysis, 2011, 24, 995-1003.	1.9	31
54	Phylogenetics and taxonomic delimitation of the genus Guizotia (Asteraceae) based on sequences derived from various chloroplast DNA regions. Plant Systematics and Evolution, 2010, 289, 77-89.	0.3	10

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55	Population genetics of self-incompatibility and developing self-compatible genotypes in niger (Guizotia) Tj ETQq1 1 0.784314 rgBT /O	0.6	14
56	Phylogenetic analysis of the genus Sorghum based on combined sequence data from cpDNA regions and ITS generate well-supported trees with two major lineages. Annals of Botany, 2010, 105, 471-480.	1.4	22
57	Establishing genomic tools and resources for Guizotia abyssinica (L.f.) Cass.â€"the development of a library of expressed sequence tags, microsatellite loci, and the sequencing of its chloroplast genome. Molecular Ecology Resources, 2010, 10, 1048-1058.	2.2	52
58	Inter simple sequence repeat (ISSR) based analysis of genetic diversity ofLobelia rhynchopetalum(Campanulaceae). Hereditas, 2009, 146, 122-130.	0.5	14
59	Assessment of genetic diversity ofGuizotia abyssinica(L.f.) Cass. (Asteraceae) from Ethiopia using amplified fragment length polymorphism. Plant Genetic Resources: Characterisation and Utilisation, 2008, 6, 41-51.	0.4	19
60	AFLP and RAPD analyses of genetic diversity of wild and/or weedy Guizotia (Asteraceae) from Ethiopia. Hereditas, 2007, 144, 53-62.	0.5	11
61	Genetic diversity of Guizotia abyssinica (L. f.) Cass. (Asteraceae) from Ethiopia as revealed by random amplified polymorphic DNA (RAPD). Genetic Resources and Crop Evolution, 2007, 54, 601-614.	0.8	24
62	Molecular phylogeny of genus Guizotia (Asteraceae) using DNA sequences derived from ITS. Genetic Resources and Crop Evolution, 2007, 54, 1419-1427.	0.8	20
63	Comparative analysis of genetic relationship and diagnostic markers of several taxa of Guizotia Cass. (Asteraceae) as revealed by AFLPs and RAPDs. Plant Systematics and Evolution, 2007, 265, 221-239.	0.3	8
64	Edible oil crops and their integration with the major cereals in North Shewa and South Welo, Central Highlands of Ethiopia: an ethnobotanical perspective. Hereditas, 2002, 137, 29-40.	0.5	23