Aghafakhr Mirlohi

List of Publications by Year
in descending order

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67 papers	1,076 citations	430874 18 h-index	477307 29 g-index
69 all docs	69 docs citations	69 times ranked	885 citing authors

#	Article	IF	Citations
1	Genetic variation, heritability and correlations of agro-morphological traits in tall fescue (Festuca) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	87
2	Neotyphodium endophytes trigger salt resistance in tall and meadow fescues. Journal of Plant Nutrition and Soil Science, 2010, 173, 952-957.	1.9	80
3	Oil Content and Fatty Acid Composition in Seeds of Three Safflower Species. JAOCS, Journal of the American Oil Chemists' Society, 2008, 85, 717-721.	1.9	75
4	Effects of endophytic fungi on some drought tolerance mechanisms of tall fescue in a hydroponics culture. Russian Journal of Plant Physiology, 2009, 56, 510-516.	1.1	64
5	Physiological traits related to drought tolerance in tall fescue. Euphytica, 2013, 190, 401-414.	1.2	52
6	Genotypic variation and selection of traits related to forage yield in tall fescue under irrigated and drought stress environments. Grass and Forage Science, 2013, 68, 59-71.	2.9	41
7	Mapping Quantitative Trait Loci for Powdery Mildew Resistance in Flax (Linum usitatissimum L.). Crop Science, 2013, 53, 2462-2472.	1.8	34
8	Genetic and Genotype Ã— Environment Interaction Analysis for Agronomical and Some Morphological Traits in Halfâ€Sib Families of Tall Fescue. Crop Science, 2013, 53, 411-421.	1.8	34
9	Barley Stem Rust Resistance Genes: Structure and Function. Plant Genome, 2009, 2, .	2.8	30
10	Reaction to powdery mildew fungus, Blumeria graminis in endophyte-infected and endophyte-free tall and meadow fescues. Australasian Plant Pathology, 2012, 41, 565-572.	1.0	29
11	Application of half-sib mating for genetic analysis of forage yield and related traits in Bromus inermis. Euphytica, 2014, 196, 25-34.	1.2	29
12	Study of genetic variation in sesame (Sesamum indicum L.) using agro-morphological traits and ISSR markers. Russian Journal of Genetics, 2011, 47, 314-321.	0.6	28
13	Effects of Drought Stress on Oil Characteristics of Carthamus Species. JAOCS, Journal of the American Oil Chemists' Society, 2017, 94, 247-256.	1.9	25
14	Drought-tolerance indices in a tall fescue population and its polycross progenies. Crop and Pasture Science, 2012, 63, 360.	1.5	24
15	Genetic analysis of seed related traits in Orchardgrass (Dactylis glomerata) under normal and drought stress conditions. Euphytica, 2015, 203, 409-420.	1.2	23
16	Genetic variation among populations of wild safflower, Carthamus oxyacanthus analyzed by agro-morphological traits and ISSR markers. Genetic Resources and Crop Evolution, 2009, 56, 1057-1064.	1.6	20
17	Response of Cultivated and Wild Barley Germplasm to Drought Stress at Different Developmental Stages. Crop Science, 2015, 55, 2668-2681.	1.8	20
18	Proteomics analysis ofMedicago truncatularesponse to infection by the phytopathogenic bacteriumRalstonia solanacearumpoints to jasmonate and salicylate defence pathways. Cellular Microbiology, 2018, 20, e12796.	2.1	20

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19	Polycross Genetic Analysis of Forage Yield and Related Traits in Dactylis glomerata. Crop Science, 2015, 55, 203-210.	1.8	19
20	Allele Sequencing of the Barley Stem Rust Resistance Gene Rpg1 Identifies Regions Relevant to Disease Resistance. Phytopathology, 2008, 98, 910-918.	2.2	18
21	Integrating parametric and non-parametric measures to investigate genotypeÂÃ—Âenvironment interactions in tall fescue. Euphytica, 2016, 208, 583-596.	1.2	18
22	Improved polycross breeding of tall fescue through markerâ€based parental selection. Plant Breeding, 2011, 130, 701-707.	1.9	17
23	Productivity, persistence and traits related to drought tolerance in smooth bromegrass. Plant Breeding, 2017, 136, 270-278.	1.9	17
24	Physiological and Tolerance Indices Useful for Drought Tolerance Selection in Smooth Bromegrass. Crop Science, 2017, 57, 282-289.	1.8	16
25	Assessment of the Genetic Diversity Among Potato Cultivars from Different Geographical Areas Using the Genomic and EST Microsatellites. Iranian Journal of Biotechnology, 2016, 14, 270-277.	0.3	15
26	Assessment of Drought Tolerance in Sainfoin: Physiological and Drought Tolerance Indices. Agronomy Journal, 2015, 107, 1771-1781.	1.8	13
27	Physiological responses of drought tolerance in orchardgrass (Dactylis glomerata) in association with persistence and summer dormancy. Crop and Pasture Science, 2018, 69, 515.	1.5	13
28	Marker-based parental selection to improve performance of orchadgrass polycross populations under water deficit environments. Euphytica, 2018, 214, 1.	1.2	12
29	Halfâ€Sib Matting and Genetic Analysis of Agronomic, Morphological, and Physiological Traits in Sainfoin under Nonstressed versus Waterâ€Deficit Conditions. Crop Science, 2015, 55, 123-135.	1.8	11
30	Analysis of seed production and its association with forage production and agronomic traits in orchardgrass (Dactylis glomerata) under different moisture conditions. Crop and Pasture Science, 2017, 68, 657.	1.5	11
31	Growth traits associated with drought survival, recovery and persistence of cocksfoot (Dactylis) Tj ETQq1 1 0.784314 rgBT /Overlock 1C	1.5	11
32	Emmer wheat as a source for trait improvement in durum wheat: a study of general and specific combining ability. Euphytica, 2021, 217, 1.	1.2	11
33	Widespread occurrence ofNeotyphodium-like endophyte in populations ofBromus tomentellusBoiss. in Iran. FEMS Microbiology Letters, 2006, 256, 126-131.	1.8	10
34	Simultaneous selection for seed and forage production in cocksfoot (Dactylis glomerata): application of drought tolerance and susceptibility indices. Grass and Forage Science, 2017, 72, 441-453.	2.9	10
35	Selection for productivity, persistence and drought tolerance in orchardgrass. Euphytica, 2016, 212, 111-130.	1.2	9
36	Genetics of post-drought recovery, persistence and summer dormancy in orchardgrass (Dactylis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.5	9

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37	Response to Drought Stress in Sainfoin: Within and Among Ecotype Variation. Crop Science, 2015, 55, 1868-1880.	1.8	8
38	Inheritance and combining ability of persistence and drought recovery in smooth bromegrass (Bromus inermis L.). Euphytica, 2019, 215, 1.	1.2	8
39	EpichloÃ« endophyte and plant genotype determine seed production through self-pollination in tall fescue. Euphytica, 2017, 213, 1.	1.2	7
40	Association analysis for seed yield, forage yield and traits related to drought tolerance in orchardgrass (Dactylis glomerata). Crop and Pasture Science, 2018, 69, 1150.	1.5	7
41	Genetic and Physiological Aspects of Drought Tolerance in Smooth Bromegrass. Crop Science, 2019, 59, 2601-2607.	1.8	7
42	Water stress intensified the relation of seed color with lignan content and seed yield components in flax (Linum usitatissimum L.). Scientific Reports, 2021, 11, 23958.	3.3	7
43	Evaluation of wild barley species as possible sources of drought tolerance for arid environments. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 209-217.	0.8	6
44	Influence of water deficit and defoliation managements on postâ€drought recovery and persistence of smooth bromegrass. Agronomy Journal, 2020, 112, 4578-4586.	1.8	6
45	Seed set in inter specific crosses of male sterile Mentha spicata with Mentha longifolia. Euphytica, 2020, 216, 1.	1.2	6
46	Genetic characterization of a diversity panel, selected from IPK linseed (Linum usitatissimum) world collection. Plant Breeding, 2021, 140, 919.	1.9	6
47	Root characteristic system improves drought tolerance in orchardgrass. Plant Breeding, 2017, 136, 775-783.	1.9	5
48	Genetic variation in an orchardgrass population promises successful direct or indirect selection of superior drought tolerant genotypes. Plant Breeding, 2018, 137, 928-935.	1.9	5
49	Cytogenetic and crossability studies in hulled wheat collected from Central Zagros in Iran. Plant Systematics and Evolution, 2014, 300, 1895-1901.	0.9	4
50	Genetic Analysis of Stability in Polyâ€Crossed Populations of Orchardgrass. Crop Science, 2017, 57, 2828-2836.	1.8	4
51	Genetic potential to improve seed and forage yield simultaneously in smooth bromegrass under water deficit conditions. Euphytica, 2018, 214, 1.	1.2	4
52	A genetic view on the role of prolonged drought stress and mating systems on post-drought recovery, persistence and drought memory of orchardgrass (Dactylis glomerata L.). Euphytica, 2020, 216, 1.	1.2	4
53	Root characteristics of an elite spring wheat panel under contrasting water treatments and their genome-wide association study. Rhizosphere, 2021, 19, 100413.	3.0	4
54	Comparative physiological attributes of cultivated and wild relatives of barley in response to different water environments. Agronomy Journal, 2020, 112, 36-43.	1.8	4

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55	The Use of Wild Relatives of Safflower to Increase Genetic Diversity for Fatty Acid Composition and Drought Tolerance. Crop Science, 2019, 59, 2109-2118.	1.8	3
56	Genotype selection for physiological responses of drought tolerance using molecular markers in polycross hybrids of orchardgrass. Plant Breeding, 2019, 138, 937-946.	1.9	3
57	Evolution of Carthamus species revealed through sequence analyses of the fad2 gene family. Physiology and Molecular Biology of Plants, 2020, 26, 419-432.	3.1	3
58	Multi environmental evaluation of persistence and drought tolerance in smooth bromegrass (Bromus inermis): genetic analysis for stability in combining ability. Crop and Pasture Science, 2021, 72, 565.	1.5	3
59	Exploring the breeding potential of Iranian emmer wheats to increase durum wheat tolerance to drought. Plant Genetic Resources: Characterisation and Utilisation, 0, , 1-12.	0.8	2
60	Genetic analysis of seedâ€related traits in smooth bromegrass (Bromus inermis) under wellâ€watered and waterâ€stressed conditions. Grass and Forage Science, 2017, 72, 163-173.	2.9	1
61	Evaluating Selection Methods for Carthamus Interspecific Crosses under Different Water Conditions. Agronomy Journal, 2019, 111, 1592-1603.	1.8	1
62	Marker-trait association analysis for drought tolerance in smooth bromegrass. BMC Plant Biology, 2021, 21, 116.	3.6	1
63	Yield stability of contrasting orchardgrass (Dactylis glomerata L.) genotypes over the years and water regimes. Euphytica, 2021, 217, 1.	1.2	1
64	Genetic variability of seed yield and oil nutritional attributes in linseed dominated by biennial variation. Crop and Pasture Science, 2021, 72, 443.	1.5	1
65	Generation means analysis of traits related to lodging using two crosses of durumâ€‰Ã—â€‰emmer wheat. Genetic Resources and Crop Evolution, 0, , 1.	1.6	0
66	Genetic interaction and inheritance of important traits in durum (Triticum turgidum ssp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (Pasture Science, 2021, 72, 874.	1.5	0
67	Drought tolerance and stability of native and foreign tall fescue genotypes: Comparison of AMMI and GGE biplot analyses. Agronomy Journal, 0, , .	1.8	0