Brent S Hulke

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/181676/publications.pdf

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42	861	567281	526287
papers	citations	15	27
		h-index	g-index

44	44	44	921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Pipeline Strategy for Grain Crop Domestication. Crop Science, 2016, 56, 917-930.	1.8	101
2	A High-Density SNP Map of Sunflower Derived from RAD-Sequencing Facilitating Fine-Mapping of the Rust Resistance Gene R12. PLoS ONE, 2014, 9, e98628.	2.5	93
3	De novo sequencing of sunflower genome for SNP discovery using RAD (Restriction site Associated) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	83
4	Accelerating Silphium Domestication: An Opportunity to Develop New Crop Ideotypes and Breeding Strategies Informed by Multiple Disciplines. Crop Science, 2017, 57, 1274-1284.	1.8	61
5	Using Nectar-Related Traits to Enhance Crop-Pollinator Interactions. Frontiers in Plant Science, 2018, 9, 812.	3.6	47
6	Freezing tolerance of selected perennial ryegrass (Lolium perenne L.) accessions and its association with field winterhardiness and turf traits. Euphytica, 2008, 163, 131-141.	1.2	39
7	Linkage Mapping and Genome-Wide Association Studies of the Rf Gene Cluster in Sunflower (Helianthus annuus L.) and Their Distribution in World Sunflower Collections. Frontiers in Genetics, 2019, 10, 216.	2.3	34
8	Candidate gene association mapping of Sclerotinia stalk rot resistance in sunflower (Helianthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 193-209.	3.6	33
9	Sources of Resistance to Sunflower Diseasesin a Global Collection of Domesticated USDA Plant Introductions. Crop Science, 2014, 54, 694-705.	1.8	31
10	Winterhardiness and Turf Quality of Accessions of Perennial Ryegrass (Lolium perenne L.) from Public Collections. Crop Science, 2007, 47, 1596-1602.	1.8	26
11	Breeding crops for climate resilience. Theoretical and Applied Genetics, 2021, 134, 1607-1611.	3.6	26
12	Gene banks for wild and cultivated sunflower genetic resources. OCL - Oilseeds and Fats, Crops and Lipids, 2020, 27, 9.	1.4	20
13	Variation in floret size explains differences in wild bee visitation to cultivated sunflowers. Plant Genetic Resources: Characterisation and Utilisation, 2018, 16, 498-503.	0.8	19
14	Breeding for sustainable oilseed crop yield and quality in a changing climate. Theoretical and Applied Genetics, 2021, 134, 1817-1827.	3.6	19
15	Mowing Strategies and Dew Removal to Minimize Dollar Spot on Creeping Bentgrass. Crop Science, 2007, 47, 2129-2137.	1.8	18
16	Assessment of the biogeographical variation of seed size and seed oil traits in wild Silphium integrifolium Michx. genotypes. Plant Genetic Resources: Characterisation and Utilisation, 2019, 17, 427-436.	0.8	17
17	A Unified Single Nucleotide Polymorphism Map of Sunflower (Helianthus annuus L.) Derived from Current Genomic Resources. Crop Science, 2015, 55, 1696-1702.	1.8	16
18	Determination of Virulence Phenotypes of Plasmopara halstedii in the United States. Plant Disease, 2020, 104, 2823-2831.	1.4	16

#	Article	IF	Citations
19	Genetic and phenotypic analyses indicate that resistance to flooding stress is uncoupled from performance in cultivated sunflower. New Phytologist, 2019, 223, 1657-1670.	7.3	14
20	Association of Freezing Tolerance to LpCBFIIIb and LpCBFIIIc Gene Polymorphism in Perennial Ryegrass Accessions. Crop Science, 2012, 52, 2023-2029.	1.8	13
21	Phomopsis stem canker of sunflower in North America: correlation with climate and solutions through breeding and management. OCL - Oilseeds and Fats, Crops and Lipids, 2019, 26, 13.	1.4	12
22	A Greenhouse Method to Evaluate Sunflower Quantitative Resistance to Basal Stalk Rot Caused by Sclerotinia sclerotiorum. Plant Disease, 2021, 105, 464-472.	1.4	12
23	Seed and floret size parameters of sunflower are determined by partially overlapping sets of quantitative trait loci with epistatic interactions. Molecular Genetics and Genomics, 2020, 295, 143-154.	2.1	11
24	Sunflower. CSSA Special Publication - Crop Science Society of America, 0, , 433-457.	0.1	10
25	Silflower seed and biomass responses to plant density and nitrogenÂfertilization. , 2020, 3, e20118.		9
26	Mating compatibility and fertility studies in an herbaceous perennial Aster undergoing de novo domestication to enhance agroecosystems. Agronomy for Sustainable Development, 2020, 40, 1.	5.3	8
27	Resistance in Cultivated Sunflower Germplasm to the Red Sunflower Seed Weevil (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 51-57.	0.2	7
28	Registration of the Oilseed Restorer Sunflower Germplasms RHA 472, RHA 473, RHA 474, and RHA 475, Possessing Resistance to Sclerotinia Head Rot. Journal of Plant Registrations, 2015, 9, 232-238.	0.5	7
29	Effective strategies for isolating DNA from members of Asteraceae with high concentrations of secondary metabolites. BioTechniques, 2022, , .	1.8	7
30	Relative susceptibility of sunflower maintainer lines and resistance sources to natural infestations of the banded sunflower moth (Lepidoptera: Tortricidae). Canadian Entomologist, 2016, 148, 736-741.	0.8	6
31	Two contrasting laboratory methods improve Silphium integrifolium Michx. germination rate to agronomically acceptable levels. Euphytica, 2018, 214, 1.	1.2	6
32	Registration of Oilseed Sunflower Germplasms RHA 485, RHA 486, and HA 487, Selected for Resistance to Phomopsis Stalk Canker and Sclerotinia, in a Highâ€Yielding and Highâ€Oil Background. Journal of Plant Registrations, 2019, 13, 439-442.	0.5	6
33	Genetic loci underlying quantitative resistance to necrotrophic pathogens Sclerotinia and Diaporthe (Phomopsis), and correlated resistance to both pathogens. Theoretical and Applied Genetics, 2021, 134, 249-259.	3.6	6
34	Ovipositional Preference and Larval Performance of the Banded Sunflower Moth (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	1.4	5
35	Assessment of biogeographic variation in traits of Lewis flax (Linum lewisii) for use in restoration and agriculture. AoB PLANTS, 2022, 14, plac005.	2.3	5
36	Pest potential of Neotephritis finalis (Loew) on Silphium integrifolium Michx., Silphium perfoliatum L., and interspecific hybrids. Agronomy Journal, 2020, 112, 1462-1465.	1.8	4

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37	Registration of Oilseed Sunflower Germplasms RHA 478, RHA 479, RHA 480, and HA 481 Providing Diversity in Resistance to Necrotrophic Pathogens of Sunflower. Journal of Plant Registrations, 2019, 13, 444-449.	0.5	3
38	Registration of oilseed sunflower maintainer germplasm HA 488, with resistance to the red sunflower seed weevil. Journal of Plant Registrations, 2020, 14, 203-205.	0.5	3
39	Registration of Oilseed Sunflower Restorer Germplasms RHA 476 and RHA 477, Adapted for Short Season Environments. Journal of Plant Registrations, 2018, 12, 148-151.	0.5	2
40	Registration of Oilseed Sunflower Germplasms HA 482, RHA 483, and RHA 484 Selected for Resistance to Sclerotinia and Phomopsis Diseases. Journal of Plant Registrations, 2019, 13, 450-454.	0.5	2
41	Registration of Sunflower Genetic Stocks TOCO B1, TOCO R1, and TOCO R2 with High Gammaâ€ and Deltaâ€Tocopherol and Altered Fatty Acid Composition in the Seed Oil. Journal of Plant Registrations, 2019, 13, 465-468.	0.5	1
42	Registration of oilseed sunflower maintainer germplasm HA 489 with resistance to the banded sunflower moth. Journal of Plant Registrations, 2020, 14, 197-202.	0.5	1