

Katherine Frels

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8632742/publications.pdf>

Version: 2024-02-01

12
papers

492
citations

933447

10
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation for Grain Mineral Concentration in a Diversity Panel of Current and Historical Great Plains Hard Winter Wheat Germplasm. <i>Crop Science</i> , 2015, 55, 1035-1052.	1.8	112
2	Variation for nitrogen use efficiency traits in current and historical great plains hard winter wheat. <i>Euphytica</i> , 2017, 213, 1.	1.2	92
3	Identification and stacking of crucial traits required for the domestication of pennycress. <i>Nature Food</i> , 2020, 1, 84-91.	14.0	54
4	Prospects for Selecting Wheat with Increased Zinc and Decreased Cadmium Concentration in Grain. <i>Crop Science</i> , 2015, 55, 1712-1728.	1.8	52
5	The Performance of Early-Generation Perennial Winter Cereals at 21 Sites across Four Continents. <i>Sustainability</i> , 2018, 10, 1124.	3.2	36
6	Translational genomics using <i>Arabidopsis</i> as a model enables the characterization of pennycress genes through forward and reverse genetics. <i>Plant Journal</i> , 2018, 96, 1093-1105.	5.7	35
7	Management of pennycress as a winter annual cash cover crop. A review. <i>Agronomy for Sustainable Development</i> , 2019, 39, 1.	5.3	35
8	The adaptable use of Brassica NIRS calibration equations to identify pennycress variants to facilitate the rapid domestication of a new winter oilseed crop. <i>Industrial Crops and Products</i> , 2019, 128, 55-61.	5.2	25
9	Genetic Diversity of Field Pennycress (<i>Thlaspi arvense</i>) Reveals Untapped Variability and Paths Toward Selection for Domestication. <i>Agronomy</i> , 2019, 9, 302.	3.0	21
10	Chromosome-level <i>Thlaspi arvense</i> genome provides new tools for translational research and for a newly domesticated cash cover crop of the cooler climates. <i>Plant Biotechnology Journal</i> , 2022, 20, 944-963.	8.3	18
11	Soybean Cyst Nematode Population Development and Its Effect on Pennycress in a Greenhouse Study. <i>Journal of Nematology</i> , 2022, 54, .	0.9	5
12	Genetic dissection of seed characteristics in field pennycress via genome-wide association mapping studies. <i>Plant Genome</i> , 2022, 15, e20211.	2.8	4