Katherine Frels

List of Publications by Year
in descending order

12	492	933447 10	1199594 12
papers	citations	h-index	g-index

14	14	14	552
all docs	docs citations	times ranked	citing authors

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