

Clifford F Weil

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

654
citations

1040056

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22
docs citations

22
times ranked

988
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of induced point mutations in maize genes by TILLING. <i>BMC Plant Biology</i> , 2004, 4, 12.	3.6	342
2	Genetic Determinants for Enzymatic Digestion of Lignocellulosic Biomass Are Independent of Those for Lignin Abundance in a Maize Recombinant Inbred Population. <i>Plant Physiology</i> , 2014, 165, 1475-1487.	4.8	51
3	TILLING in Grass Species. <i>Plant Physiology</i> , 2009, 149, 158-164.	4.8	39
4	Mining and Harnessing Natural Variation: A Little MAGIC. <i>Crop Science</i> , 2008, 48, 2066-2073.	1.8	36
5	Whole-Genome Sequence Accuracy Is Improved by Replication in a Population of Mutagenized Sorghum. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1079-1094.	1.8	33
6	Maize Carbohydrate Partitioning Defective33 Encodes an MCTP Protein and Functions in Sucrose Export from Leaves. <i>Molecular Plant</i> , 2019, 12, 1278-1293.	8.3	26
7	Getting the Pointâ€”Mutations in Maize. <i>Crop Science</i> , 2007, 47, S-60.	1.8	24
8	Validation of PyMBMS as a High-throughput Screen for Lignin Abundance in Lignocellulosic Biomass of Grasses. <i>Bioenergy Research</i> , 2014, 7, 899-908.	3.9	19
9	Integrating crop growth models with remote sensing for predicting biomass yield of sorghum. In <i>Silico Plants</i> , 2021, 3, .	1.9	18
10	The alkali spreading phenotype in Sorghum bicolor and its relationship to starch gelatinization. <i>Journal of Cereal Science</i> , 2019, 86, 41-47.	3.7	13
11	Too many ends: aberrant transposition. <i>Genes and Development</i> , 2009, 23, 1032-1036.	5.9	9
12	Mapping the Increased Protein Digestibility Trait in the Highâ€”Lysine Sorghum Mutant P721Q. <i>Crop Science</i> , 2016, 56, 2647-2651.	1.8	9
13	Mutation of the nuclear pore complex component, <i>aladin1</i> , disrupts asymmetric cell division in <i>Zea mays</i> (maize). <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	8
14	Finding the crosswalks on DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5763-5765.	7.1	5
15	High-throughput Screening of EMS Mutagenized Maize for Altered Starch Digestibility. <i>Bioenergy Research</i> , 2008, 1, 118-135.	3.9	5
16	Mutations in sorghum SBEIIb and SSIIa affect alkali spreading value, starch composition, thermal properties and flour viscosity. <i>Theoretical and Applied Genetics</i> , 2019, 132, 3357-3374.	3.6	5
17	Single base hits score a home run in wheat. <i>Trends in Biotechnology</i> , 2005, 23, 220-222.	9.3	3
18	Systematic prediction of EMSâ€”induced mutations in a sorghum mutant population. <i>Plant Direct</i> , 2022, 6, .	1.9	3