

Jeffery L Gustin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5225863/publications.pdf>

Version: 2024-02-01

14
papers

1,062
citations

840585

11
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

1553
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification approaches for sorting maize (<i>Zea mays</i> subsp. <i>mays</i>) haploids using single-kernel near-infrared spectroscopy. <i>Plant Breeding</i> , 2020, 139, 1103-1112.	1.0	4
2	Protein, weight, and oil prediction by single-seed near-infrared spectroscopy for selection of seed quality and yield traits in pea (<i>Pisum sativum</i>). <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3488-3497.	1.7	19
3	Quantitative trait loci associated with soybean seed weight and composition under different phosphorus levels. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 232-241.	4.1	32
4	Modulation of early maize seedling performance via priming under sub-optimal temperatures. <i>PLoS ONE</i> , 2018, 13, e0206861.	1.1	9
5	Ovary abortion is prevalent in diverse maize inbred lines and is under genetic control. <i>Scientific Reports</i> , 2018, 8, 13032.	1.6	12
6	Enhanced Single Seed Trait Predictions in Soybean (<i>Glycine max</i>) and Robust Calibration Model Transfer with Near-Infrared Reflectance Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1079-1086.	2.4	23
7	Efficient Molecular Marker Design Using the MaizeGDB Mo17 SNPs and Indels Track. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1143-1145.	0.8	12
8	Analysis of Maize (<i>Zea mays</i>) Kernel Density and Volume Using Microcomputed Tomography and Single-Kernel Near-Infrared Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10872-10880.	2.4	38
9	Ionomic Characterization of Maize Kernels in the Intermated B73 × Mo17 Population. <i>Crop Science</i> , 2013, 53, 208-220.	0.8	65
10	Structure and evolution of the plant cation diffusion facilitator family of ion transporters. <i>BMC Evolutionary Biology</i> , 2011, 11, 76.	3.2	182
11	MTP1-dependent Zn sequestration into shoot vacuoles suggests dual roles in Zn tolerance and accumulation in Zn-hyperaccumulating plants. <i>Plant Journal</i> , 2009, 57, 1116-1127.	2.8	184
12	Reciprocal grafting separates the roles of the root and shoot in zinc hyperaccumulation in <i>Thlaspi caerulescens</i> . <i>New Phytologist</i> , 2009, 184, 323-329.	3.5	59
13	Natural Variants of AtHKT1 Enhance Na ⁺ Accumulation in Two Wild Populations of Arabidopsis. <i>PLoS Genetics</i> , 2006, 2, e210.	1.5	279
14	The plant CDF family member TgMTP1 from the Ni/Zn hyperaccumulator <i>Thlaspi goesingense</i> acts to enhance efflux of Zn at the plasma membrane when expressed in <i>Saccharomyces cerevisiae</i> . <i>Plant Journal</i> , 2004, 39, 237-251.	2.8	144