Jeffery L Gustin

List of Publications by Year
in descending order

14	1,062	840585	1058333
papers	citations	11 h-index	14 g-index

15	15	15	1553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural Variants of AtHKT1 Enhance Na+ Accumulation in Two Wild Populations of Arabidopsis. PLoS Genetics, 2006, 2, e210.	1.5	279
2	MTP1â€dependent Zn sequestration into shoot vacuoles suggests dual roles in Zn tolerance and accumulation in Znâ€hyperaccumulating plants. Plant Journal, 2009, 57, 1116-1127.	2.8	184
3	Structure and evolution of the plant cation diffusion facilitator family of ion transporters. BMC Evolutionary Biology, 2011, 11, 76.	3.2	182
4	The plant CDF family member TgMTP1 from the Ni/Zn hyperaccumulatorThlaspi goesingenseacts to enhance efflux of Zn at the plasma membrane when expressed inSaccharomyces cerevisiae. Plant Journal, 2004, 39, 237-251.	2.8	144
5	Ionomic Characterization of Maize Kernels in the Intermated B73 Ã— Mo17 Population. Crop Science, 2013, 53, 208-220.	0.8	65
6	Reciprocal grafting separates the roles of the root and shoot in zinc hyperaccumulation in Thlaspi caerulescens. New Phytologist, 2009, 184, 323-329.	3.5	59
7	Analysis of Maize (Zea mays) Kernel Density and Volume Using Microcomputed Tomography and Single-Kernel Near-Infrared Spectroscopy. Journal of Agricultural and Food Chemistry, 2013, 61, 10872-10880.	2.4	38
8	Quantitative trait loci associated with soybean seed weight and composition under different phosphorus levels. Journal of Integrative Plant Biology, 2018, 60, 232-241.	4.1	32
9	Enhanced Single Seed Trait Predictions in Soybean (Glycine max) and Robust Calibration Model Transfer with Near-Infrared Reflectance Spectroscopy. Journal of Agricultural and Food Chemistry, 2016, 64, 1079-1086.	2.4	23
10	Protein, weight, and oil prediction by singleâ€seed nearâ€infrared spectroscopy for selection of seed quality and yield traits in pea (<scp>Pisum sativum</scp>). Journal of the Science of Food and Agriculture, 2020, 100, 3488-3497.	1.7	19
11	Efficient Molecular Marker Design Using the MaizeGDB Mo17 SNPs and Indels Track. G3: Genes, Genomes, Genetics, 2014, 4, 1143-1145.	0.8	12
12	Ovary abortion is prevalent in diverse maize inbred lines and is under genetic control. Scientific Reports, 2018, 8, 13032.	1.6	12
13	Modulation of early maize seedling performance via priming under sub-optimal temperatures. PLoS ONE, 2018, 13, e0206861.	1.1	9
14	Classification approaches for sorting maize (Zea mays subsp. mays) haploids using singleâ€kernel nearâ€infrared spectroscopy. Plant Breeding, 2020, 139, 1103-1112.	1.0	4