Jesse T Beasley

List of Publications by Year
in descending order

10 papers	293 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	348 citing authors

#	Article	IF	Citations
1	Metabolic engineering of bread wheat improves grain iron concentration and bioavailability. Plant Biotechnology Journal, 2019, 17, 1514-1526.	8.3	73
2	Identification and molecular characterization of the nicotianamine synthase gene family in bread wheat. Plant Biotechnology Journal, 2016, 14, 2228-2239.	8.3	65
3	Characterisation of the nicotianamine aminotransferase and deoxymugineic acid synthase genes essential to Strategy II iron uptake in bread wheat (Triticum aestivum L.). PLoS ONE, 2017, 12, e0177061.	2.5	55
4	Investigation of Baseline Iron Levels in Australian Chickpea and Evaluation of a Transgenic Biofortification Approach. Frontiers in Plant Science, 2018, 9, 788.	3.6	33
5	Nicotianamine-chelated iron positively affects iron status, intestinal morphology and microbial populations in vivo (Gallus gallus). Scientific Reports, 2020, 10, 2297.	3.3	24
6	Effect of Rice GDP-L-Galactose Phosphorylase Constitutive Overexpression on Ascorbate Concentration, Stress Tolerance, and Iron Bioavailability in Rice. Frontiers in Plant Science, 2020, 11, 595439.	3.6	18
7	Investigation of Nicotianamine and 2â€² Deoxymugineic Acid as Enhancers of Iron Bioavailability in Caco-2 Cells. Nutrients, 2019, 11, 1502.	4.1	10
8	A Model to Incorporate the bHLH Transcription Factor OsIRO3 within the Rice Iron Homeostasis Regulatory Network. International Journal of Molecular Sciences, 2022, 23, 1635.	4.1	7
9	Multiâ€year field evaluation of nicotianamine biofortified bread wheat. Plant Journal, 2022, 109, 1168-1182.	5.7	5
10	Annotation and Molecular Characterisation of the TaIRO3 and TaHRZ Iron Homeostasis Genes in Bread Wheat (Triticum aestivum L.). Genes, 2021, 12, 653.	2.4	3