

Jesse T Beasley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1012916/publications.pdf>

Version: 2024-02-01

10
papers

293
citations

1307543

7
h-index

1372553

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. <i>Plant Biotechnology Journal</i> , 2019, 17, 1514-1526.	8.3	73
2	Identification and molecular characterization of the nicotianamine synthase gene family in bread wheat. <i>Plant Biotechnology Journal</i> , 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 (<i>Triticum aestivum</i> L.). <i>PLoS ONE</i> , 2017, 12, e0177061.	2.5	55
4	Investigation of Baseline Iron Levels in Australian Chickpea and Evaluation of a Transgenic Biofortification Approach. <i>Frontiers in Plant Science</i> , 2018, 9, 788.	3.6	33
5	Nicotianamine-chelated iron positively affects iron status, intestinal morphology and microbial populations in vivo (<i>Gallus gallus</i>). <i>Scientific Reports</i> , 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. <i>Frontiers in Plant Science</i> , 2020, 11, 595439.	3.6	18
7	Investigation of Nicotianamine and 2-Deoxymugineic Acid as Enhancers of Iron Bioavailability in Caco-2 Cells. <i>Nutrients</i> , 2019, 11, 1502.	4.1	10
8	A Model to Incorporate the bHLH Transcription Factor OsIRO3 within the Rice Iron Homeostasis Regulatory Network. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1635.	4.1	7
9	Multi-year field evaluation of nicotianamine biofortified bread wheat. <i>Plant Journal</i> , 2022, 109, 1168-1182.	5.7	5
10	Annotation and Molecular Characterisation of the TaIRO3 and TaHRZ Iron Homeostasis Genes in Bread Wheat (<i>Triticum aestivum</i> L.). <i>Genes</i> , 2021, 12, 653.	2.4	3