

Sarah Bowden

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/50389/publications.pdf>

Version: 2024-02-01

10
papers

590
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	The fungal ribonuclease-like effector protein CSEP0064/BEC1054 represses plant immunity and interferes with degradation of host ribosomal RNA. <i>PLoS Pathogens</i> , 2019, 15, e1007620.	4.7	105
2	The negative regulator SMAX1 controls mycorrhizal symbiosis and strigolactone biosynthesis in rice. <i>Nature Communications</i> , 2020, 11, 2114.	12.8	101
3	TaFROG encodes a Pooideae orphan protein that interacts with SnRK1 and enhances resistance to the mycotoxigenic fungus <i>Fusarium graminearum</i> . <i>Plant Physiology</i> , 2015, 169, pp.01056.2015.	4.8	82
4	Overcoming the trade-off between grain weight and number in wheat by the ectopic expression of expansin in developing seeds leads to increased yield potential. <i>New Phytologist</i> , 2021, 230, 629-640.	7.3	79
5	Efficient generation of stable, heritable gene edits in wheat using CRISPR/Cas9. <i>BMC Plant Biology</i> , 2018, 18, 215.	3.6	75
6	Highly Efficient Agrobacterium-Mediated Transformation of Wheat Via In Planta Inoculation. <i>Methods in Molecular Biology</i> , 2009, 478, 115-124.	0.9	59
7	A rice Serine/Threonine receptor-like kinase regulates arbuscular mycorrhizal symbiosis at the peri-arbuscular membrane. <i>Nature Communications</i> , 2018, 9, 4677.	12.8	45
8	A PSTOL-like gene, TaPSTOL, controls a number of agronomically important traits in wheat. <i>BMC Plant Biology</i> , 2018, 18, 115.	3.6	36
9	Over-expression of TaDWF4 increases wheat productivity under low and sufficient nitrogen through enhanced carbon assimilation. <i>Communications Biology</i> , 2022, 5, 193.	4.4	5
10	Ectopic expression of TaBG1 increases seed size and alters nutritional characteristics of the grain in wheat but does not lead to increased yields. <i>BMC Plant Biology</i> , 2021, 21, 524.	3.6	2