

Barbara Hufnagel

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

422
citations

1040056

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1058476

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docs citations

19
times ranked

627
citing authors

#	ARTICLE	IF	CITATIONS
1	Duplicate and Conquer: Multiple Homologs of <i>PHOSPHORUS-STARVATION TOLERANCE1</i> Enhance Phosphorus Acquisition and Sorghum Performance on Low-Phosphorus Soils. <i>Plant Physiology</i> , 2014, 166, 659-677.	4.8	117
2	High-quality genome sequence of white lupin provides insight into soil exploration and seed quality. <i>Nature Communications</i> , 2020, 11, 492.	12.8	90
3	Multiple interval QTL mapping and searching for PSTOL1 homologs associated with root morphology, biomass accumulation and phosphorus content in maize seedlings under low-P. <i>BMC Plant Biology</i> , 2015, 15, 172.	3.6	53
4	Genetics of nodulation in <i>Aeschynomene evenia</i> uncovers mechanisms of the rhizobium-legume symbiosis. <i>Nature Communications</i> , 2021, 12, 829.	12.8	38
5	The Relationship between Population Structure and Aluminum Tolerance in Cultivated Sorghum. <i>PLoS ONE</i> , 2011, 6, e20830.	2.5	29
6	Pangenome of white lupin provides insights into the diversity of the species. <i>Plant Biotechnology Journal</i> , 2021, 19, 2532-2543.	8.3	23
7	Anatomical and hormonal description of rootlet primordium development along white lupin cluster root. <i>Physiologia Plantarum</i> , 2019, 165, 4-16.	5.2	15
8	In silico identification of coffee genome expressed sequences potentially associated with resistance to diseases. <i>Genetics and Molecular Biology</i> , 2010, 33, 795-806.	1.3	13
9	Exploiting sorghum genetic diversity for enhanced aluminum tolerance: Allele mining based on the AltSB locus. <i>Scientific Reports</i> , 2018, 8, 10094.	3.3	12
10	Association mapping and genomic selection for sorghum adaptation to tropical soils of Brazil in a sorghum multiparental random mating population. <i>Theoretical and Applied Genetics</i> , 2021, 134, 295-312.	3.6	9
11	Marcadores moleculares derivados de sequências expressas do genoma de café potencialmente envolvidas na resistência à ferrugem. <i>Pesquisa Agropecuária Brasileira</i> , 2011, 46, 890-898.	0.9	6
12	Sorghum root epigenetic landscape during limiting phosphorus conditions. <i>Plant Direct</i> , 2022, 6, .	1.9	5
13	Dynamic Development of White Lupin Rootlets Along a Cluster Root. <i>Frontiers in Plant Science</i> , 2021, 12, 738172.	3.6	4
14	The Highly Repeat-Diverse (Peri) Centromeres of White Lupin (<i>Lupinus albus</i> L.). <i>Frontiers in Plant Science</i> , 2022, 13, 862079.	3.6	1