

D Jo Heuschele

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6299221/publications.pdf>

Version: 2024-02-01

12
papers

102
citations

1307594

7
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	The Stalker: An open source force meter for rapid stalk strength phenotyping. <i>HardwareX</i> , 2019, 6, e00067.	2.2	17
2	An automatable, field camera track system for phenotyping crop lodging and crop movement. <i>HardwareX</i> , 2018, 4, e00029.	2.2	11
3	Multiscale characterization and micromechanical modeling of crop stem materials. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 69-91.	2.8	11
4	Metabolic Responses to Arsenite in Rice Seedlings that Differed in Grain Arsenic Concentration. <i>Crop Science</i> , 2017, 57, 2671-2687.	1.8	10
5	Variation in Lignin, Cell Wall-Bound <i>p</i> -Coumaric, and Ferulic Acid in the Nodes and Internodes of Cereals and Their Impact on Lodging. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12569-12576.	5.2	10
6	Two stages of dormancy in turions of <i>Potamogeton crispus</i> L.. <i>Aquatic Botany</i> , 2014, 119, 100-104.	1.6	9
7	Mapping crown rust resistance at multiple time points in elite oat germplasm. <i>Plant Genome</i> , 2020, 13, e20007.	2.8	8
8	Consumer Knowledge and Horse Preference for Different Colored Oats. <i>Journal of Equine Veterinary Science</i> , 2018, 71, 6-12.	0.9	7
9	Quantifying cereal crop movement through hemispherical video analysis of agricultural plots. <i>Plant Methods</i> , 2019, 15, 55.	4.3	5
10	Cereal Stem Stress: In Situ Biomechanical Characterization of Stem Elasticity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7965.	2.5	5
11	Goat Digestion Leads to Low Survival and Viability of Common Buckthorn (<i>Rhamnus cathartica</i>) Seeds. <i>Natural Areas Journal</i> , 2020, 40, 150.	0.5	5
12	Relationships Among Arsenic-Related Traits, Including Rice Grain Arsenic Concentration and Straighthead Resistance, as Revealed by Genome-Wide Association. <i>Frontiers in Genetics</i> , 2021, 12, 787767.	2.3	4