

Hans Motte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5295645/publications.pdf>

Version: 2024-02-01

19
papers

1,007
citations

759233

12
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrification in agricultural soils: impact, actors and mitigation. <i>Current Opinion in Biotechnology</i> , 2018, 50, 166-173.	6.6	258
2	Molecular and Environmental Regulation of Root Development. <i>Annual Review of Plant Biology</i> , 2019, 70, 465-488.	18.7	224
3	The molecular path to in vitro shoot regeneration. <i>Biotechnology Advances</i> , 2014, 32, 107-121.	11.7	100
4	Tackling Plant Phosphate Starvation by the Roots. <i>Developmental Cell</i> , 2019, 48, 599-615.	7.0	99
5	The evolution of root branching: increasing the level of plasticity. <i>Journal of Experimental Botany</i> , 2019, 70, 785-793.	4.8	64
6	Combining linkage and association mapping identifies <i>RECEPTOR-LIKE PROTEIN KINASE1</i> as an essential <i>Arabidopsis</i> shoot regeneration gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8305-8310.	7.1	63
7	Rice plants respond to ammonium stress by adopting a helical root growth pattern. <i>Plant Journal</i> , 2020, 104, 1023-1037.	5.7	31
8	Lateral root formation and nutrients: nitrogen in the spotlight. <i>Plant Physiology</i> , 2021, 187, 1104-1116.	4.8	27
9	CUC2 as an early marker for regeneration competence in <i>Arabidopsis</i> root explants. <i>Journal of Plant Physiology</i> , 2011, 168, 1598-1601.	3.5	26
10	Phenyl-Adenine, Identified in a <i>LIGHT-DEPENDENT SHORT HYPOCOTYLS4</i> -Assisted Chemical Screen, Is a Potent Compound for Shoot Regeneration through the Inhibition of CYTOKININ OXIDASE/DEHYDROGENASE Activity. <i>Plant Physiology</i> , 2013, 161, 1229-1241.	4.8	26
11	Exploiting natural variation in root system architecture via genome-wide association studies. <i>Journal of Experimental Botany</i> , 2020, 71, 2379-2389.	4.8	21
12	PHR1 Balances between Nutrition and Immunity in Plants. <i>Developmental Cell</i> , 2017, 41, 5-7.	7.0	16
13	Root Branching Is Not Induced by Auxins in <i>Selaginella moellendorffii</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 154.	3.6	12
14	The evolutionary trajectory of root stem cells. <i>Current Opinion in Plant Biology</i> , 2020, 53, 23-30.	7.1	12
15	Lateral Root Inducible System in <i>Arabidopsis</i> and Maize. <i>Journal of Visualized Experiments</i> , 2016, , e53481.	0.3	5
16	A pHantastic ammonium response. <i>Nature Plants</i> , 2020, 6, 1080-1081.	9.3	4
17	Early "Rootprints" of Plant Terrestrialization: <i>Selaginella</i> Root Development Sheds Light on Root Evolution in Vascular Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 735514.	3.6	4
18	Genetic Variability of <i>Arabidopsis thaliana</i> Mature Root System Architecture and Genome-Wide Association Study. <i>Frontiers in Plant Science</i> , 2021, 12, 814110.	3.6	3

#	ARTICLE	IF	CITATIONS
19	Microbes: The Right Target To Feed The World And Protect Nature?., 2018, , .		0