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	Lateral root formation and nutrients: nitrogen in the spotlight. Plant Physiology, 2021, 187, 1104-1116.	4.8	27
2	Early â€œRootprintsâ€•of Plant Terrestrialization: Selaginella Root Development Sheds Light on Root Evolution in Vascular Plants. Frontiers in Plant Science, 2021, 12, 735514.	3.6	4
3	Genetic Variability of Arabidopsis thaliana Mature Root System Architecture and Genome-Wide Association Study. Frontiers in Plant Science, 2021, 12, 814110.	3.6	3
4	The evolutionary trajectory of root stem cells. Current Opinion in Plant Biology, 2020, 53, 23-30.	7.1	12
5	Rice plants respond to ammonium stress by adopting a helical root growth pattern. Plant Journal, 2020, 104, 1023-1037.	5.7	31
6	A pHantastic ammonium response. Nature Plants, 2020, 6, 1080-1081.	9.3	4
7	Exploiting natural variation in root system architecture via genome-wide association studies. Journal of Experimental Botany, 2020, 71, 2379-2389.	4.8	21
8	Molecular and Environmental Regulation of Root Development. Annual Review of Plant Biology, 2019, 70, 465-488.	18.7	224
9	Tackling Plant Phosphate Starvation by the Roots. Developmental Cell, 2019, 48, 599-615.	7.0	99
10	Root Branching Is Not Induced by Auxins in Selaginella moellendorffii. Frontiers in Plant Science, 2019, 10, 154.	3.6	12
11	The evolution of root branching: increasing the level of plasticity. Journal of Experimental Botany, 2019, 70, 785-793.	4.8	64
12	Nitrification in agricultural soils: impact, actors and mitigation. Current Opinion in Biotechnology, 2018, 50, 166-173.	6.6	258
13	Microbes: The Right Target To Feed The World And Protect Nature?. , 2018, , .		0
14	PHR1 Balances between Nutrition and Immunity in Plants. Developmental Cell, 2017, 41, 5-7.	7.0	16
15	Lateral Root Inducible System in Arabidopsis and Maize. Journal of Visualized Experiments, 2016, , e53481.	0.3	5
16	The molecular path to in vitro shoot regeneration. Biotechnology Advances, 2014, 32, 107-121.	11.7	100
17	Combining linkage and association mapping identifies RECEPTOR-LIKE PROTEIN KINASE1 as an essential Arabidopsis shoot regeneration gene. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8305-8310.	7.1	63
18	Phenyl-Adenine, Identified in aLIGHT-DEPENDENT SHORT HYPOCOTYLS4-Assisted Chemical Screen, Is a Potent Compound for Shoot Regeneration through the Inhibition of CYTOKININ OXIDASE/DEHYDROGENASE Activity Â Â. Plant Physiology, 2013, 161, 1229-1241.	4.8	26

#	Article	IF	Citations
19	CUC2 as an early marker for regeneration competence in Arabidopsis root explants. Journal of Plant Physiology, 2011, 168, 1598-1601.	3.5	26