

Daan A Weits

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,869
citations

567144

15
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

1792
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Botrytis cinerea</i> induces local hypoxia in Arabidopsis leaves. <i>New Phytologist</i> , 2021, 229, 173-185.	3.5	40
2	Molecular oxygen as a signaling component in plant development. <i>New Phytologist</i> , 2021, 229, 24-35.	3.5	69
3	Auxin is required for the long coleoptile trait in <i>japonica</i> rice under submergence. <i>New Phytologist</i> , 2021, 229, 85-93.	3.5	25
4	In Vivo Imaging of Plant Oxygen Levels. <i>Plant and Cell Physiology</i> , 2021, 62, 1251-1258.	1.5	4
5	H ₂ S regulates low oxygen signaling via integration with the unfolded protein response in <i>Arabidopsis thaliana</i> . <i>Plant and Soil</i> , 2021, 467, 531-547.	1.8	4
6	Exogenous miRNAs induce post-transcriptional gene silencing in plants. <i>Nature Plants</i> , 2021, 7, 1379-1388.	4.7	57
7	Jasmonate Signalling Contributes to Primary Root Inhibition Upon Oxygen Deficiency in <i>Arabidopsis thaliana</i> . <i>Plants</i> , 2020, 9, 1046.	1.6	23
8	An Improved HRPE-Based Transcriptional Output Reporter to Detect Hypoxia and Anoxia in Plant Tissue. <i>Biosensors</i> , 2020, 10, 197.	2.3	13
9	A Ratiometric Sensor Based on Plant N-Terminal Degrons Able to Report Oxygen Dynamics in <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Biology</i> , 2019, 431, 2810-2820.	2.0	24
10	An apical hypoxic niche sets the pace of shoot meristem activity. <i>Nature</i> , 2019, 569, 714-717.	13.7	137
11	Hypoxic Conditions in Crown Galls Induce Plant Anaerobic Responses That Support Tumor Proliferation. <i>Frontiers in Plant Science</i> , 2019, 10, 56.	1.7	38
12	Oxygen Sensing and Integrative Stress Signaling in Plants. <i>Plant Physiology</i> , 2018, 176, 1131-1142.	2.3	89
13	Low-oxygen response is triggered by an ATP-dependent shift in oleoyl-CoA in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12101-E12110.	3.3	55
14	Plant cysteine oxidases are dioxygenases that directly enable arginyl transferase-catalysed arginylation of N-end rule targets. <i>Nature Communications</i> , 2017, 8, 14690.	5.8	171
15	Plant cysteine oxidases control the oxygen-dependent branch of the N-end-rule pathway. <i>Nature Communications</i> , 2014, 5, 3425.	5.8	293
16	Oxygen Perception in Plants. <i>Plant Cell Monographs</i> , 2014, , 3-17.	0.4	5
17	Oxygen sensing in plants is mediated by an N-end rule pathway for protein destabilization. <i>Nature</i> , 2011, 479, 419-422.	13.7	628
18	Hypoxia responsive gene expression is mediated by various subsets of transcription factors and miRNAs that are determined by the actual oxygen availability. <i>New Phytologist</i> , 2011, 190, 442-456.	3.5	149