

Toon Cools

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2997740/publications.pdf>

Version: 2024-02-01

10
papers

996
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	ERF115 Controls Root Quiescent Center Cell Division and Stem Cell Replenishment. <i>Science</i> , 2013, 342, 860-863.	12.6	263
2	Mechanisms Used by Plants to Cope with DNA Damage. <i>Annual Review of Plant Biology</i> , 2016, 67, 439-462.	18.7	197
3	MicroRNA miR396 Regulates the Switch between Stem Cells and Transit-Amplifying Cells in Arabidopsis Roots. <i>Plant Cell</i> , 2015, 27, 3354-3366.	6.6	125
4	The heterodimeric transcription factor complex ERF115â€‘PAT1 grants regeneration competence. <i>Nature Plants</i> , 2016, 2, 16165.	9.3	111
5	The <i>Arabidopsis thaliana</i> Checkpoint Kinase WEE1 Protects against Premature Vascular Differentiation during Replication Stress. <i>Plant Cell</i> , 2011, 23, 1435-1448.	6.6	81
6	Mitochondrial Defects Confer Tolerance against Cellulose Deficiency. <i>Plant Cell</i> , 2016, 28, 2276-2290.	6.6	57
7	A replication stress-induced synchronization method for <i>Arabidopsis thaliana</i> root meristems. <i>Plant Journal</i> , 2010, 64, 705-714.	5.7	55
8	Deficiency of the <i>Arabidopsis</i> Helicase RTEL1 Triggers a SOG1-Dependent Replication Checkpoint in Response to DNA Cross-Links. <i>Plant Cell</i> , 2015, 27, 149-161.	6.6	44
9	<i>Arabidopsis thaliana</i> RNase H2 Deficiency Counteracts the Needs for the WEE1 Checkpoint Kinase but Triggers Genome Instability. <i>Plant Cell</i> , 2014, 26, 3680-3692.	6.6	33
10	The <i>Arabidopsis</i> GRAS-type SCL28 transcription factor controls the mitotic cell cycle and division plane orientation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	30