Melis Kucukoglu Topcu

List of Publications by Year
in descending order

10	1,995	1040018 9	1281846 11
papers	citations	h-index	g-index

11	11	11	3565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peptide encoding Populus CLV3/ESRâ€RELATED 47 (PttCLE47) promotes cambial development and secondary xylem formation in hybrid aspen. New Phytologist, 2020, 226, 75-85.	7.3	13
2	Predicting and clustering plant CLE genes with a new method developed specifically for short amino acid sequences. BMC Genomics, 2020, 21, 709.	2.8	16
3	A novel NAC domain transcription factor XVP controls the balance of xylem formation and cambial cell divisions. New Phytologist, 2020, 226, 5-7.	7.3	9
4	Transcriptional regulatory framework for vascular cambium development in Arabidopsis roots. Nature Plants, 2019, 5, 1033-1042.	9.3	81
5	The Dynamics of Cambial Stem Cell Activity. Annual Review of Plant Biology, 2019, 70, 293-319.	18.7	122
6	<scp>WUSCHEL</scp>â€<scp>RELATED HOMEOBOX</scp>4 (<scp>WOX</scp>4)â€like genes regulate cambial cell division activity and secondary growth in Populus trees. New Phytologist, 2017, 215, 642-657.	7.3	117
7	AspWood: High-Spatial-Resolution Transcriptome Profiles Reveal Uncharacterized Modularity of Wood Formation in Populus tremula. Plant Cell, 2017, 29, 1585-1604.	6.6	219
8	<scp>CLE</scp> peptide signaling in plantsÂâ€“Âthe power of moving around. Physiologia Plantarum, 2015, 155, 74-87.	5.2	33
9	The Arabidopsis LRR-RLK, PXC1, is a regulator of secondary wall formation correlated with the TDIF-PXY/TDR-WOX4 signaling pathway. BMC Plant Biology, 2013, 13, 94.	3.6	80
10	The Norway spruce genome sequence and conifer genome evolution. Nature, 2013, 497, 579-584.	27.8	1,303