Shahanara Begum

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11651805/publications.pdf

Version: 2024-02-01

24	925	623734	677142
papers	citations	14	22
		h-index	g-index

24	24	24	810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of cambial activity in relation to environmental conditions: understanding the role of temperature in wood formation of trees. Physiologia Plantarum, 2013, 147, 46-54.	5.2	224
2	Induction of Cambial Reactivation by Localized Heating in a Deciduous Hardwood Hybrid Poplar (Populus sieboldii x P. grandidentata). Annals of Botany, 2007, 100, 439-447.	2.9	113
3	Cambial sensitivity to rising temperatures by natural condition and artificial heating from late winter to early spring in the evergreen conifer Cryptomeria japonica. Trees - Structure and Function, 2010, 24, 43-52.	1.9	90
4	Climate change and the regulation of wood formation in trees by temperature. Trees - Structure and Function, 2018, 32, 3-15.	1.9	65
5	Temperature responses of cambial reactivation and xylem differentiation in hybrid poplar (Populus) Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	62
6	Changes in the localization and levels of starch and lipids in cambium and phloem during cambial reactivation by artificial heating of main stems of Cryptomeria japonica trees. Annals of Botany, 2010, 106, 885-895.	2.9	46
7	A rapid decrease in temperature induces latewood formation in artificially reactivated cambium of conifer stems. Annals of Botany, 2012, 110, 875-885.	2.9	45
8	The effects of localized heating and disbudding on cambial reactivation and formation of earlywood vessels in seedlings of the deciduous ring-porous hardwood, Quercus serrata. Annals of Botany, 2014, 113, 1021-1027.	2.9	42
9	Gibberellin is required for the formation of tension wood and stem gravitropism in Acacia mangium seedlings. Annals of Botany, 2012, 110, 887-895.	2.9	40
10	Differences in the timing of cell death, differentiation and function among three different types of ray parenchyma cells in the hardwood Populus sieboldiiÂÃ—ÂP. grandidentata. Trees - Structure and Function, 2012, 26, 743-750.	1.9	35
11	Localized cooling of stems induces latewood formation and cambial dormancy during seasons of active cambium in conifers. Annals of Botany, 2016, 117, 465-477.	2.9	28
12	Cold stability of microtubules in wood-forming tissues of conifers during seasons of active and dormant cambium. Planta, 2012, 235, 165-179.	3.2	27
13	Relationship between the earlywood-to-latewood transition and changes in levels of stored starch around the cambium in locally heated stems of the evergreen conifer Chamaecyparis pisifera. Trees - Structure and Function, 2016, 30, 1619-1631.	1.9	23
14	Xylogenesis in Trees: From Cambial Cell Division to Cell Death. , 2016, , 25-43.		16
15	Three-Dimensional Imaging of Cambium and Secondary Xylem Cells by Confocal Laser Scanning Microscopy. , 2015, , 431-465.		16
16	Changes in cambial activity are related to precipitation patterns in four tropical hardwood species grown in Indonesia. American Journal of Botany, 2019, 106, 760-771.	1.7	14
17	Gibberellin mediates the development of gelatinous fibres in the tension wood of inclined Acacia mangium seedlings. Annals of Botany, 2013, 112, 1321-1329.	2.9	13
18	Winter-spring temperature pattern is closely related to the onset of cambial reactivation in stems of the evergreen conifer Chamaecyparis pisifera. Scientific Reports, 2020, 10, 14341.	3.3	7

#	Article	IF	Citations
19	Overexpression of a fungal laccase gene induces nondehiscent anthers and morphological changes in flowers of transgenic tobacco. Journal of Wood Science, 2010, 56, 460-469.	1.9	6
20	Effects of auxin-transport-inhibitor and defoliation on wood formation in locally-heated Abies homolepis. IAWA Journal, 2018, 39, 353-371.	2.7	4
21	Effects of Low Temperature in Reactivated Cambial Cells Induced by Localized Heating During Winter Dormancy in Conifers. American Journal of Plant Physiology, 2011, 7, 30-40.	0.2	4
22	Localization of actin filaments and cortical microtubules in wood-forming tissues of conifers. IAWA Journal, 2019, 40, 703-720.	2.7	3
23	Distribution of starch, lipid and nuclei in xylem and phloem of Tectona grandis Linn.. Journal of Bio-science, 2012, 19, 29-35.	0.1	1
24	Stem gravitropism and tension wood formation in Acacia mangium seedlings inclined at various angles. Annals of Botany, 2018, 122, 87-94.	2.9	1