

Shahanara Begum

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

925
citations

623734

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677142

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docs citations

24
times ranked

810
citing authors

#	ARTICLE	IF	CITATIONS
1	Winter-spring temperature pattern is closely related to the onset of cambial reactivation in stems of the evergreen conifer <i>Chamaecyparis pisifera</i> . <i>Scientific Reports</i> , 2020, 10, 14341.	3.3	7
2	Changes in cambial activity are related to precipitation patterns in four tropical hardwood species grown in Indonesia. <i>American Journal of Botany</i> , 2019, 106, 760-771.	1.7	14
3	Localization of actin filaments and cortical microtubules in wood-forming tissues of conifers. <i>IAWA Journal</i> , 2019, 40, 703-720.	2.7	3
4	Climate change and the regulation of wood formation in trees by temperature. <i>Trees - Structure and Function</i> , 2018, 32, 3-15.	1.9	65
5	Effects of auxin-transport-inhibitor and defoliation on wood formation in locally-heated <i>Abies homolepis</i> . <i>IAWA Journal</i> , 2018, 39, 353-371.	2.7	4
6	Stem gravitropism and tension wood formation in <i>Acacia mangium</i> seedlings inclined at various angles. <i>Annals of Botany</i> , 2018, 122, 87-94.	2.9	1
7	Xylogenesis in Trees: From Cambial Cell Division to Cell Death. , 2016, , 25-43.		16
8	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 <i>Chamaecyparis pisifera</i> . <i>Trees - Structure and Function</i> , 2016, 30, 1619-1631.	1.9	23
9	Localized cooling of stems induces latewood formation and cambial dormancy during seasons of active cambium in conifers. <i>Annals of Botany</i> , 2016, 117, 465-477.	2.9	28
10	Three-Dimensional Imaging of Cambium and Secondary Xylem Cells by Confocal Laser Scanning Microscopy. , 2015, , 431-465.		16
11	The effects of localized heating and disbudding on cambial reactivation and formation of earlywood vessels in seedlings of the deciduous ring-porous hardwood, <i>Quercus serrata</i> . <i>Annals of Botany</i> , 2014, 113, 1021-1027.	2.9	42
12	Regulation of cambial activity in relation to environmental conditions: understanding the role of temperature in wood formation of trees. <i>Physiologia Plantarum</i> , 2013, 147, 46-54.	5.2	224
13	Gibberellin mediates the development of gelatinous fibres in the tension wood of inclined <i>Acacia mangium</i> seedlings. <i>Annals of Botany</i> , 2013, 112, 1321-1329.	2.9	13
14	A rapid decrease in temperature induces latewood formation in artificially reactivated cambium of conifer stems. <i>Annals of Botany</i> , 2012, 110, 875-885.	2.9	45
15	Gibberellin is required for the formation of tension wood and stem gravitropism in <i>Acacia mangium</i> seedlings. <i>Annals of Botany</i> , 2012, 110, 887-895.	2.9	40
16	Distribution of starch, lipid and nuclei in xylem and phloem of <i>Tectona grandis</i> Linn.. <i>Journal of Bio-science</i> , 2012, 19, 29-35.	0.1	1
17	Differences in the timing of cell death, differentiation and function among three different types of ray parenchyma cells in the hardwood <i>Populus sieboldii</i> — <i>Populus grandidentata</i> . <i>Trees - Structure and Function</i> , 2012, 26, 743-750.	1.9	35
18	Cold stability of microtubules in wood-forming tissues of conifers during seasons of active and dormant cambium. <i>Planta</i> , 2012, 235, 165-179.	3.2	27

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19	Effects of Low Temperature in Reactivated Cambial Cells Induced by Localized Heating During Winter Dormancy in Conifers. <i>American Journal of Plant Physiology</i> , 2011, 7, 30-40.	0.2	4
20	Overexpression of a fungal laccase gene induces nondehiscent anthers and morphological changes in flowers of transgenic tobacco. <i>Journal of Wood Science</i> , 2010, 56, 460-469.	1.9	6
21	Cambial sensitivity to rising temperatures by natural condition and artificial heating from late winter to early spring in the evergreen conifer <i>Cryptomeria japonica</i> . <i>Trees - Structure and Function</i> , 2010, 24, 43-52.	1.9	90
22	Changes in the localization and levels of starch and lipids in cambium and phloem during cambial reactivation by artificial heating of main stems of <i>Cryptomeria japonica</i> trees. <i>Annals of Botany</i> , 2010, 106, 885-895.	2.9	46
23	Temperature responses of cambial reactivation and xylem differentiation in hybrid poplar (<i>Populus</i>) Tj ETQq1 1 0.784314 rgBT/Overlock	3.1	62
24	Induction of Cambial Reactivation by Localized Heating in a Deciduous Hardwood Hybrid Poplar (<i>Populus sieboldii</i> x <i>P. grandidentata</i>). <i>Annals of Botany</i> , 2007, 100, 439-447.	2.9	113