Peter Kitin

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/4654160/peter-kitin-publications-by-year.pdf
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41 papers	1,383 citations	19 h-index	37 g-index
42 ext. papers	1,581 ext. citations	3.7 avg, IF	4.5 L-index

#	Paper	IF	Citations
41	Spatial and temporal patterns of wound periderm development in Cryptomeria japonica bark **2021**, 1-11		
40	Direct analysis in real-time (DART) time-of-flight mass spectrometry (TOFMS) of wood reveals distinct chemical signatures of two species of Afzelia. *Annals of Forest Science*, **2021**, 78, 1	3.1	1
39	Light microscopy of wood using sanded surface instead of slides **2021**, 42, 322-335		2
38	Pathways of extra- and intercellular diffusion of colored substances in the blackened xylem of Diospyros kaki. *Journal of Wood Science*, **2020**, 66,	2.4	1
37	Direct fluorescence imaging of lignocellulosic and suberized cell walls in roots and stems. *AoB PLANTS*, **2020**, 12, plaa032	2.9	7
36	Growth, total lipid, and omega-3 fatty acid production by Nannochloropsis spp. cultivated with raw plant substrate. *Algal Research*, **2020**, 51, 102041	5	1
35	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	4.9	4
34	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	2.7	8
33	Xylem Water Distribution in Woody Plants Visualized with a Cryo-scanning Electron Microscope. *Journal of Visualized Experiments*, **2019**,	1.6	2
32	Climate change and the regulation of wood formation in trees by temperature. *Trees - Structure and Function*, **2018**, 32, 3-15	2.6	37
31	EARLYWOOD VESSELS IN RING-POROUS TREES BECOME FUNCTIONAL FOR WATER TRANSPORT AFTER BUD BURST AND BEFORE THE MATURATION OF THE CURRENT-YEAR LEAVES. *IAWA Journal* , **2016**, 37, 315-331	2.3	53
30	Cavitation of intercellular spaces is critical to establishment of hydraulic properties of compression wood of Chamaecyparis obtusa seedlings. *Annals of Botany*, **2016**, 117, 457-63	4.1	7
29	Acridine Orange Indicates Early Oxidation of Wood Cell Walls by Fungi. *PLoS ONE*, **2016**, 11, e0159715	3.7	14
28	Cambial dormancy induced growth rings in Heritiera fomes Buch.- Ham.: a proxy for exploring the dynamics of Sundarbans, Bangladesh. *Trees - Structure and Function*, **2016**, 30, 227-239	2.6	15
27	Highly thermal-stable and functional cellulose nanocrystals and nanofibrils produced using fully recyclable organic acids. *Green Chemistry*, **2016**, 18, 3835-3843	10	307
26	Regulation of Gene Expression during the Onset of Ligninolytic Oxidation by Phanerochaete chrysosporium on Spruce Wood. *Applied and Environmental Microbiology*, **2015**, 81, 7802-12	4.8	41
25	Tree rings show a different climatic response in a managed and a non-managed plantation of teak (Tectona grandis) in West Africa. *IAWA Journal*, **2015**, 36, 409-427	2.3	3

24	Three-Dimensional Imaging of Cambium and Secondary Xylem Cells by Confocal Laser Scanning Microscopy **2015**, 431-465		8
23	Ancient charcoal as a natural archive for paleofire regime and vegetation change in the Mayumbe, Democratic Republic of the Congo. *Quaternary Research*, **2013**, 80, 326-340	1.9	19
22	Do ray cells provide a pathway for radial water movement in the stems of conifer trees?. *American Journal of Botany*, **2013**, 100, 322-31	2.7	28
21	Spatial mapping of extracellular oxidant production by a white rot basidiomycete on wood reveals details of ligninolytic mechanism. *Environmental Microbiology*, **2013**, 15, 956-66	5.2	15
20	Complementary Imaging Techniques for Charcoal Examination and Identification. *IAWA Journal*, **2013**, 34, 147-168	2.3	13
19	Charcoal identification in species-rich biomes: A protocol for Central Africa optimised for the Mayumbe forest. *Review of Palaeobotany and Palynology*, **2012**, 171, 164-178	1.7	27
18	Fluctuations of cambial activity in relation to precipitation result in annual rings and intra-annual growth zones of xylem and phloem in teak (Tectona grandis) in Ivory Coast. *Annals of Botany*, **2012**, 110, 861-73	4.1	50
17	Trade-offs between biomass growth and inducible biosynthesis of polyhydroxybutyrate in transgenic poplar. *Plant Biotechnology Journal*, **2011**, 9, 759-67	11.6	26
16	Transgenic poplars with reduced lignin show impaired xylem conductivity, growth efficiency and survival. *Plant, Cell and Environment*, **2011**, 34, 655-68	8.4	96
15	Origin, morphology, and anatomy of fasciation in plants cultured in vivo and in vitro. *Plant Growth Regulation*, **2011**, 63, 115-129	3.2	25
14	Antisense down-regulation of 4CL expression alters lignification, tree growth, and saccharification potential of field-grown poplar. *Plant Physiology*, **2010**, 154, 874-86	6.6	160
13	Tyloses and phenolic deposits in xylem vessels impede water transport in low-lignin transgenic poplars: a study by cryo-fluorescence microscopy. *Plant Physiology*, **2010**, 154, 887-98	6.6	79
12	What is disjunctive xylem parenchyma? A case study of the African tropical hardwood Okoubaka aubrevillei (Santalaceae). *American Journal of Botany*, **2009**, 96, 1399-408	2.7	4
11	Anatomical features that facilitate radial flow across growth rings and from xylem to cambium in Cryptomeria japonica. *Annals of Botany*, **2009**, 103, 1145-57	4.1	44
10	Bending characteristics of bamboo (Phyllostachys pubescens) with respect to its fiber-foam composite structure. *Wood Science and Technology*, **2007**, 41, 385-400	2.5	89
9	A comparative histological study between normal and fasciated shoots of Prunus avium generated in vitro. *Plant Cell, Tissue and Organ Culture*, **2005**, 82, 141-150	2.7	9
8	Anatomy of the vessel network within and between tree rings of Fraxinus lanuginosa (Oleaceae). *American Journal of Botany*, **2004**, 91, 779-88	2.7	57
7	Three-Dimensional Imaging and Analysis of Differentiating Secondary Xylem by Confocal Microscopy. *IAWA Journal*, **2003**, 24, 211-222	2.3	23

6	ANATOMICAL STUDY OF IN VITRO OBTAINED FASCIATED SHOOTS FROM BETULA PENDULA ROTH.. *Acta Horticulturae*, **2003**, 481-484	0.3	5
5	Fusiform cells in the cambium of Kalopanax pictus are exclusively mononucleate. *Journal of Experimental Botany*, **2002**, 53, 483-8	7	14
4	Involvement of Localized Cortical Microtubules in the Formation of a Modified Structure of Wood. *Journal of Plant Research*, **2001**, 114, 491-497	2.6	23
3	ANALYSIS OF CAMBIUM AND DIFFERENTIATING VESSEL ELEMENTS IN KALOPANAX PICTUS USING RESIN CAST REPLICAS. *IAWA Journal*, **2001**, 22, 15-28	2.3	14
2	Analysis by Confocal Microscopy of the Structure of Cambium in the Hardwood Kalopanax pictus. *Annals of Botany*, **2000**, 86, 1109-1117	4.1	20
1	Variations in the Lengths of Fusiform Cambial Cells and Vessel Elements in Kalopanax pictus. *Annals of Botany*, **1999**, 84, 621-632	4.1	32