

# Judith Felten

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,446  
citations

687363

13  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2261  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Laccaria bicolor</i> pectin methylesterases are involved in ectomycorrhiza development with <i>Populus tremula</i> – <i>Populus tremuloides</i> . <i>New Phytologist</i> , 2022, 236, 639-655.	7.3	7
2	The mycorrhizal tragedy of the commons. <i>Ecology Letters</i> , 2021, 24, 1215-1224.	6.4	13
3	Novel Microdialysis Technique Reveals a Dramatic Shift in Metabolite Secretion during the Early Stages of the Interaction between the Ectomycorrhizal Fungus <i>Pisolithus microcarpus</i> and Its Host <i>Eucalyptus grandis</i> . <i>Microorganisms</i> , 2021, 9, 1817.	3.6	6
4	<i>PopulusPtERF85</i> Balances Xylem Cell Expansion and Secondary Cell Wall Formation in Hybrid Aspen. <i>Cells</i> , 2021, 10, 1971.	4.1	11
5	Fluorescence Lifetime Imaging as an <i>In Situ</i> and Label-Free Readout for the Chemical Composition of Lignin. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17381-17392.	6.7	9
6	Fluorescent protein expression in the ectomycorrhizal fungus <i>Laccaria bicolor</i> : a plasmid toolkit for easy use of fluorescent markers in basidiomycetes. <i>Current Genetics</i> , 2020, 66, 791-811.	1.7	7
7	Ethylene Signaling Is Required for Fully Functional Tension Wood in Hybrid Aspen. <i>Frontiers in Plant Science</i> , 2019, 10, 1101.	3.6	14
8	An <i>AP2</i> / <i>ERF</i> transcription factor <i>ERF139</i> coordinates xylem cell expansion and secondary cell wall deposition. <i>New Phytologist</i> , 2019, 224, 1585-1599.	7.3	49
9	Ethylene signaling induces gelatinous layers with typical features of tension wood in hybrid aspen. <i>New Phytologist</i> , 2018, 218, 999-1014.	7.3	52
10	Ethylene-Related Gene Expression Networks in Wood Formation. <i>Frontiers in Plant Science</i> , 2018, 9, 272.	3.6	48
11	Vibrational spectroscopic image analysis of biological material using multivariate curve resolution – alternating least squares (MCR-ALS). <i>Nature Protocols</i> , 2015, 10, 217-240.	12.0	248
12	Volatile signalling by sesquiterpenes from ectomycorrhizal fungi reprogrammes root architecture. <i>Nature Communications</i> , 2015, 6, 6279.	12.8	211
13	Development of the Poplar- <i>Laccaria bicolor</i> Ectomycorrhiza Modifies Root Auxin Metabolism, Signaling, and Response. <i>Plant Physiology</i> , 2015, 169, 890-902.	4.8	70
14	Biology, Chemistry and Structure of Tension Wood. <i>Plant Cell Monographs</i> , 2013, , 203-224.	0.4	25
15	<i>Arabidopsis</i> <i>WAT1</i> is a vacuolar auxin transport facilitator required for auxin homeostasis. <i>Nature Communications</i> , 2013, 4, 2625.	12.8	249
16	A genome-wide screen for ethylene-induced Ethylene Response Factors ( <i>ERFs</i> ) in hybrid aspen stem identifies <i>ERF</i> genes that modify stem growth and wood properties. <i>New Phytologist</i> , 2013, 200, 511-522.	7.3	90
17	Signalling in Ectomycorrhizal Symbiosis. <i>Signaling and Communication in Plants</i> , 2012, , 123-142.	0.7	19
18	Ethylene signaling via Ethylene Response Factors (ERFs) modifies wood development in hybrid aspen. <i>BMC Proceedings</i> , 2011, 5, .	1.6	5

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19	WAT1 (WALLS ARE THIN1) defines a novel auxin transporter in plants and integrates auxin signaling in secondary wall formation in Arabidopsis fibers. BMC Proceedings, 2011, 5, O24.	1.6	11
20	Lateral root stimulation in the early interaction between <i>Arabidopsis thaliana</i> and the ectomycorrhizal fungus <i>Laccaria bicolor</i> . Plant Signaling and Behavior, 2010, 5, 864-867.	2.4	45
21	The Ectomycorrhizal Fungus <i>Laccaria bicolor</i> Stimulates Lateral Root Formation in Poplar and Arabidopsis through Auxin Transport and Signaling. Plant Physiology, 2009, 151, 1991-2005.	4.8	244