

# Deborah Goffner

## List of Publications by Year in descending order

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52  
papers

4,320  
citations

126907

33  
h-index

168389

53  
g-index

55  
all docs

55  
docs citations

55  
times ranked

5351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coming back to a Commons approach to construct the Great Green Wall in Senegal. <i>Land Use Policy</i> , 2022, 115, 106000.	5.6	5
2	Unpacking Decades of Multi-Scale Events and Environment-Based Development in the Senegalese Sahel: Lessons and Perspectives for the Future. <i>Land</i> , 2021, 10, 755.	2.9	2
3	<i>Arabidopsis</i> cell wall composition determines disease resistance specificity and fitness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	88
4	In vitro characterization of root extracellular trap and exudates of three Sahelian woody plant species. <i>Planta</i> , 2020, 251, 19.	3.2	14
5	<i>Arabidopsis</i> Response Regulator 6 (ARR6) Modulates Plant Cell-Wall Composition and Disease Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 767-780.	2.6	46
6	Reforestation and the state of health of populations in Tessekere, Senegal. <i>Regional Environmental Change</i> , 2019, 19, 1643-1651.	2.9	9
7	The Great Green Wall for the Sahara and the Sahel Initiative as an opportunity to enhance resilience in Sahelian landscapes and livelihoods. <i>Regional Environmental Change</i> , 2019, 19, 1417-1428.	2.9	76
8	Biodiversity field trials to inform reforestation and natural resource management strategies along the African Great Green Wall in Senegal. <i>New Forests</i> , 2018, 49, 341-362.	1.7	23
9	Remote sensing monitoring of land restoration interventions in semi-arid environments with a before-after control-impact statistical design. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 59, 42-52.	2.8	28
10	Remote sensing monitoring of land restoration interventions in semi-arid environments using a before-after control-impact statistical design. , 2017, , .		0
11	High-throughput microanalysis of large lignocellulosic sample sets by pyrolysis-gas chromatography/mass spectrometry. <i>Physiologia Plantarum</i> , 2016, 156, 127-138.	5.2	17
12	PIRIN2 stabilizes cysteine protease XCP2 and increases susceptibility to the vascular pathogen <i>Ralstonia solanacearum</i> in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2014, 79, 1009-1019.	5.7	41
13	Galactoglucomannan oligosaccharides are assumed to affect tracheary element formation via interaction with auxin in <i>Zinnia</i> xylogenic cell culture. <i>Plant Cell Reports</i> , 2013, 32, 479-487.	5.6	7
14	<i>Arabidopsis</i> <i>wat1</i> (walls are thin1)-mediated resistance to the bacterial vascular pathogen, <i>Ralstonia solanacearum</i> , is accompanied by cross-regulation of salicylic acid and tryptophan metabolism. <i>Plant Journal</i> , 2013, 73, 225-239.	5.7	154
15	Post mortem function of <i>AtMC9</i> in xylem vessel elements. <i>New Phytologist</i> , 2013, 200, 498-510.	7.3	117
16	<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
17	Disease resistance or growth: the role of plant hormones in balancing immune responses and fitness costs. <i>Frontiers in Plant Science</i> , 2013, 4, 155.	3.6	505
18	Non-Cell-Autonomous Postmortem Lignification of Tracheary Elements in <i>Zinnia elegans</i> . <i>Plant Cell</i> , 2013, 25, 1314-1328.	6.6	158

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19	Identification of novel transcription factors regulating secondary cell wall formation in Arabidopsis. <i>Frontiers in Plant Science</i> , 2013, 4, 189.	3.6	106
20	Deciphering the route of <i>Ralstonia solanacearum</i> colonization in Arabidopsis thaliana roots during a compatible interaction: focus at the plant cell wall. <i>Planta</i> , 2012, 236, 1419-1431.	3.2	69
21	WAT1 (WALLS ARE THIN1) defines a novel auxin transporter in plants and integrates auxin signaling in secondary wall formation in Arabidopsis fibers. <i>BMC Proceedings</i> , 2011, 5, O24.	1.6	11
22	Characterization of a cinnamoyl-CoA reductase 1 (CCR1) mutant in maize: effects on lignification, fibre development, and global gene expression. <i>Journal of Experimental Botany</i> , 2011, 62, 3837-3848.	4.8	95
23	Light-regulated compensation of <i>wat1</i> ( <i>walls are thin1</i> ) growth and secondary cell wall phenotypes is auxin-independent. <i>Plant Signaling and Behavior</i> , 2010, 5, 1302-1304.	2.4	15
24	Walls are thin1 (WAT1), an Arabidopsis homolog of <i>Medicago truncatula</i> NODULIN21, is a tonoplast-localized protein required for secondary wall formation in fibers. <i>Plant Journal</i> , 2010, 63, 469-483.	5.7	201
25	Genetic and genomic approaches for improving biofuel production from maize. <i>Euphytica</i> , 2009, 170, 183-202.	1.2	24
26	Lignin biosynthesis in transgenic Norway spruce plants harboring an antisense construct for cinnamoyl CoA reductase (CCR). <i>Transgenic Research</i> , 2008, 17, 379-392.	2.4	86
27	Transient transformation and RNA silencing in <i>Zinnia</i> tracheary element differentiating cell cultures. <i>Plant Journal</i> , 2008, 53, 864-875.	5.7	16
28	Expression of cell wall related genes in basal and ear internodes of silking brown-midrib-3, caffeic acid O-methyltransferase (COMT) down-regulated, and normal maize plants. <i>BMC Plant Biology</i> , 2008, 8, 71.	3.6	51
29	Cell Wall Modifications in Arabidopsis Plants with Altered $\beta$ -Arabinofuranosidase Activity. <i>Plant Physiology</i> , 2008, 147, 63-77.	4.8	63
30	MAIZEWALL. Database and Developmental Gene Expression Profiling of Cell Wall Biosynthesis and Assembly in Maize. <i>Plant Physiology</i> , 2007, 143, 339-363.	4.8	94
31	Differential expression of phenylpropanoid and related genes in brown-midrib bm1, bm2, bm3, and bm4 young near-isogenic maize plants. <i>Planta</i> , 2007, 226, 235-250.	3.2	78
32	Variation in lignin and cell wall digestibility in caffeic acid O-methyltransferase down-regulated maize half-sib progenies in field experiments. <i>Molecular Breeding</i> , 2006, 18, 253-261.	2.1	22
33	Galactoglucomannans Increase Cell Population Density and Alter the Protoxylem/Metaxylem Tracheary Element Ratio in Xylogenic Cultures of <i>Zinnia</i> . <i>Plant Physiology</i> , 2006, 142, 696-709.	4.8	47
34	hca: an Arabidopsis mutant exhibiting unusual cambial activity and altered vascular patterning. <i>Plant Journal</i> , 2005, 44, 271-289.	5.7	41
35	Metabolite Profiling Reveals a Role for Atypical Cinnamyl Alcohol Dehydrogenase CAD1 in the Synthesis of Coniferyl Alcohol in Tobacco Xylem. <i>Plant Molecular Biology</i> , 2005, 59, 753-769.	3.9	42
36	Molecular changes associated with the setting up of secondary growth in aspen. <i>Journal of Experimental Botany</i> , 2005, 56, 2211-2227.	4.8	43

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37	Novel Markers of Xylogenesis in Zinnia Are Differentially Regulated by Auxin and Cytokinin. <i>Plant Physiology</i> , 2005, 139, 1821-1839.	4.8	89
38	Multiple gene detection by in situ RT-PCR in isolated plant cells and tissues. <i>Plant Journal</i> , 2004, 39, 947-959.	5.7	31
39	<i>Zinnia elegans</i> : the missing link from in vitro tracheary elements to xylem. <i>Physiologia Plantarum</i> , 2003, 119, 463-468.	5.2	20
40	Lignins and lignocellulosics: a better control of synthesis for new and improved uses. <i>Trends in Plant Science</i> , 2003, 8, 576-581.	8.8	294
41	Genetic variation and breeding strategies for improved cell wall digestibility in annual forage crops. A review. <i>Animal Research</i> , 2003, 52, 193-228.	0.6	111
42	Laccase Down-Regulation Causes Alterations in Phenolic Metabolism and Cell Wall Structure in Poplar. <i>Plant Physiology</i> , 2002, 129, 145-155.	4.8	250
43	Down-Regulation of Caffeic Acid O-Methyltransferase in Maize Revisited Using a Transgenic Approach. <i>Plant Physiology</i> , 2002, 130, 1675-1685.	4.8	160
44	Xylem Formation and Lignification in Trees and Model Species. <i>Progress in Biotechnology</i> , 2001, , 11-18.	0.2	2
45	Biochemical characterization, molecular cloning and expression of laccasesâ€™â€™ a divergent gene familyâ€™â€™ in poplar. <i>FEBS Journal</i> , 1999, 259, 485-495.	0.2	152
46	Lignin genetic engineering revisited. <i>Plant Science</i> , 1999, 145, 51-65.	3.6	80
47	A novel aromatic alcohol dehydrogenase in higher plants: molecular cloning and expression. <i>Plant Molecular Biology</i> , 1998, 36, 755-765.	3.9	62
48	Cinnamoyl CoA reductase, the first committed enzyme of the lignin branch biosynthetic pathway: cloning, expression and phylogenetic relationships. <i>Plant Journal</i> , 1997, 11, 429-441.	5.7	271
49	Identification of Specific Laccase Isoforms Capable of Polymerizing Monolignols by an â€™â€™In-Gelâ€™â€™ Procedure. <i>Analytical Biochemistry</i> , 1996, 242, 158-161.	2.4	14
50	A molecular model for cinnamyl alcohol dehydrogenase, a plant aromatic alcohol dehydrogenase involved in lignification. <i>BBA - Proteins and Proteomics</i> , 1993, 1202, 61-69.	2.1	48
51	Purification and Characterization of Cinnamyl Alcohol Dehydrogenase from Tobacco Stems. <i>Plant Physiology</i> , 1992, 98, 12-16.	4.8	53
52	Effects of abscisic acid and osmotica on helianthinin gene expression in sunflower cotyledons in vitro. <i>Plant Science</i> , 1990, 66, 211-219.	3.6	20