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List of Publications by Year in descending order

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43
papers

2,608
citations

218677

26
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

2973
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR/Cas9-mediated single and biallelic knockout of poplar STERILE APETALA (PopSAP) leads to complete reproductive sterility. <i>Plant Biotechnology Journal</i> , 2021, 19, 23-25.	8.3	16
2	EARLY BUD-BREAK 1 and EARLY BUD-BREAK 3 control resumption of poplar growth after winter dormancy. <i>Nature Communications</i> , 2021, 12, 1123.	12.8	50
3	Overexpression of a developing xylem cDNA library in transgenic poplar generates high mutation rate specific to wood formation. <i>Plant Biotechnology Journal</i> , 2020, 18, 1434-1443.	8.3	3
4	Plant Development: Dual Roles of Poplar SVL in Vegetative Bud Dormancy. <i>Current Biology</i> , 2019, 29, R68-R70.	3.9	26
5	Improved Heat FT Induction Leads to Earlier and More Prolific Flowering in Poplar. <i>Journal of Botanical Research</i> , 2019, 1, .	0.2	2
6	Manipulation of Growth and Architectural Characteristics in Trees for Increased Woody Biomass Production. <i>Frontiers in Plant Science</i> , 2018, 9, 1505.	3.6	8
7	Gene network analysis of poplar root transcriptome in response to drought stress identifies a PtaJAZ3PtaRAP2.6-centered hierarchical network. <i>PLoS ONE</i> , 2018, 13, e0208560.	2.5	13
8	A genetic network mediating the control of bud break in hybrid aspen. <i>Nature Communications</i> , 2018, 9, 4173.	12.8	163
9	Poplar <i>PtabZIP1-like</i> enhances lateral root formation and biomass growth under drought stress. <i>Plant Journal</i> , 2017, 89, 692-705.	5.7	64
10	Recursive random forest algorithm for constructing multilayered hierarchical gene regulatory networks that govern biological pathways. <i>PLoS ONE</i> , 2017, 12, e0171532.	2.5	38
11	BIG LEAF is a regulator of organ size and adventitious root formation in poplar. <i>PLoS ONE</i> , 2017, 12, e0180527.	2.5	17
12	A network of genes associated with poplar root development in response to low nitrogen. <i>Plant Signaling and Behavior</i> , 2016, 11, e1214792.	2.4	5
13	Gene dosage effects and signatures of purifying selection in lateral organ boundaries domain (LBD) genes LBD1 and LBD18. <i>Plant Systematics and Evolution</i> , 2016, 302, 433-445.	0.9	3
14	EARLY BUD-BREAK1 (EBB1) defines a conserved mechanism for control of bud-break in woody perennials. <i>Plant Signaling and Behavior</i> , 2016, 11, e1073873.	2.4	35
15	A systems biology approach identifies new regulators of poplar root development under low nitrogen. <i>Plant Journal</i> , 2015, 84, 335-346.	5.7	36
16	Recombinant DNA modification of gibberellin metabolism alters growth rate and biomass allocation in Populus. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	10
17	Roles of Gibberellin Catabolism and Signaling in Growth and Physiological Response to Drought and Short-Day Photoperiods in Populus Trees. <i>PLoS ONE</i> , 2014, 9, e86217.	2.5	96
18	EARLY BUD-BREAK 1 (<i>EBB1</i>) is a regulator of release from seasonal dormancy in poplar trees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10001-10006.	7.1	127

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19	Popâ€™s Pipes: poplar gene expression data analysis pipelines. <i>Tree Genetics and Genomes</i> , 2014, 10, 1093-1101.	1.6	15
20	Nitrogen deprivation promotes <i>Populus</i> root growth through global transcriptome reprogramming and activation of hierarchical genetic networks. <i>New Phytologist</i> , 2013, 200, 483-497.	7.3	69
21	DR5 as a reporter system to study auxin response in <i>Populus</i> . <i>Plant Cell Reports</i> , 2013, 32, 453-463.	5.6	48
22	Identification, characterization of an AP2/ERF transcription factor that promotes adventitious, lateral root formation in <i>Populus</i> . <i>Planta</i> , 2013, 238, 271-282.	3.2	92
23	ptr-MIR169 is a posttranscriptional repressor of PtrHAP2 during vegetative bud dormancy period of aspen (<i>Populus tremuloides</i>) trees. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 512-518.	2.1	30
24	Genetic networks involved in poplar root response to low nitrogen. <i>Plant Signaling and Behavior</i> , 2013, 8, e27211.	2.4	17
25	Green Revolution Trees: Semidwarfism Transgenes Modify Gibberellins, Promote Root Growth, Enhance Morphological Diversity, and Reduce Competitiveness in Hybrid Poplar. <i>Plant Physiology</i> , 2012, 160, 1130-1144.	4.8	44
26	PHOTOPERIOD RESPONSE 1 (PHOR1)-like Genes Regulate Shoot/root Growth, Starch Accumulation, and Wood Formation in <i>Populus</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 5623-5634.	4.8	11
27	The <i>AINTEGUMENTA LIKE1</i> Homeotic Transcription Factor <i>PtAIL1</i> Controls the Formation of Adventitious Root Primordia in Poplar. <i>Plant Physiology</i> , 2012, 160, 1996-2006.	4.8	118
28	Transgenic <i>Populus</i> Trees for Forest Products, Bioenergy, and Functional Genomics. <i>Critical Reviews in Plant Sciences</i> , 2011, 30, 415-434.	5.7	52
29	Gibberellin-associated cisgenes modify growth, stature and wood properties in <i>Populus</i> . <i>Plant Biotechnology Journal</i> , 2011, 9, 162-178.	8.3	45
30	<i>SHORT INTERNODES</i> -like genes regulate shoot growth and xylem proliferation in <i>Populus</i> . <i>New Phytologist</i> , 2011, 191, 678-691.	7.3	29
31	Activation tagging is an effective gene tagging system in <i>Populus</i> . <i>Tree Genetics and Genomes</i> , 2011, 7, 91-101.	1.6	38
32	Repression of gibberellin biosynthesis or signaling produces striking alterations in poplar growth, morphology, and flowering. <i>Planta</i> , 2011, 234, 1285-1298.	3.2	41
33	Boundary genes in regulation and evolution of secondary growth. <i>Plant Signaling and Behavior</i> , 2011, 6, 688-690.	2.4	10
34	Members of the LATERAL ORGAN BOUNDARIES DOMAIN Transcription Factor Family Are Involved in the Regulation of Secondary Growth in <i>Populus</i> . <i>Plant Cell</i> , 2010, 22, 3662-3677.	6.6	114
35	Gibberellins Regulate Lateral Root Formation in <i>Populus</i> through Interactions with Auxin and Other Hormones. <i>Plant Cell</i> , 2010, 22, 623-639.	6.6	221
36	Transformation as a Tool for Genetic Analysis in <i>Populus</i> . , 2010, , 113-133.		7

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37	Genes for control of plant stature and form. <i>New Phytologist</i> , 2008, 177, 589-607.	7.3	140
38	Enhancer trapping in woody plants: Isolation of the ET304 gene encoding a putative AT-hook motif transcription factor and characterization of the expression patterns conferred by its promoter in transgenic <i>Populus</i> and <i>Arabidopsis</i> . <i>Plant Science</i> , 2006, 171, 206-216.	3.6	15
39	Transgenic modification of <i>gai</i> or <i>rgl1</i> causes dwarfing and alters gibberellins, root growth, and metabolite profiles in <i>Populus</i> . <i>Planta</i> , 2006, 224, 288-299.	3.2	130
40	Genetic transformation: a powerful tool for dissection of adaptive traits in trees. <i>New Phytologist</i> , 2005, 167, 9-18.	7.3	65
41	Insertional mutagenesis in <i>Populus</i> : relevance and feasibility. <i>Tree Genetics and Genomes</i> , 2005, 1, 135-142.	1.6	20
42	Poplar genome sequence: functional genomics in an ecologically dominant plant species. <i>Trends in Plant Science</i> , 2004, 9, 49-56.	8.8	281
43	Activation Tagging of a Dominant Gibberellin Catabolism Gene (<i>GA 2-oxidase</i>) from Poplar That Regulates Tree Stature. <i>Plant Physiology</i> , 2003, 132, 1283-1291.	4.8	244