

# Jun Niu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4070985/publications.pdf>

Version: 2024-02-01

41  
papers

737  
citations

516561

16  
h-index

580701

25  
g-index

44  
all docs

44  
docs citations

44  
times ranked

684  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome analysis of distinct <i>Lindera glauca</i> tissues revealed the differences in the unigenes related to terpenoid biosynthesis. <i>Gene</i> , 2015, 559, 22-30.	1.0	49
2	<i>Populus euphratica</i> WRKY1 binds the promoter of H <sup>+</sup> -ATPase gene to enhance gene expression and salt tolerance. <i>Journal of Experimental Botany</i> , 2020, 71, 1527-1539.	2.4	47
3	Selection of Reference Genes for Gene Expression Studies in Siberian Apricot ( <i>Prunus sibirica</i> L.) Germplasm Using Quantitative Real-Time PCR. <i>PLoS ONE</i> , 2014, 9, e103900.	1.1	46
4	Hydrogen Sulfide Mediates K <sup>+</sup> and Na <sup>+</sup> Homeostasis in the Roots of Salt-Resistant and Salt-Sensitive Poplar Species Subjected to NaCl Stress. <i>Frontiers in Plant Science</i> , 2018, 9, 1366.	1.7	41
5	Disruption of metabolic function and redox homeostasis as antibacterial mechanism of <i>Lindera glauca</i> fruit essential oil against <i>Shigella flexneri</i> . <i>Food Control</i> , 2021, 130, 108282.	2.8	41
6	Amelioration of nitrate uptake under salt stress by ectomycorrhiza with and without a Hartig net. <i>New Phytologist</i> , 2019, 222, 1951-1964.	3.5	38
7	Integrated transcriptome sequencing and dynamic analysis reveal carbon source partitioning between terpenoid and oil accumulation in developing <i>Lindera glauca</i> fruits. <i>Scientific Reports</i> , 2015, 5, 15017.	1.6	36
8	<i>Populus euphratica</i> J3 mediates root K <sup>+</sup> /Na <sup>+</sup> homeostasis by activating plasma membrane H <sup>+</sup> -ATPase in transgenic <i>Arabidopsis</i> under NaCl salinity. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 75-88.	1.2	35
9	De novo transcriptome analysis of the Siberian apricot ( <i>Prunus sibirica</i> L.) and search for potential SSR markers by 454 pyrosequencing. <i>Gene</i> , 2014, 544, 220-227.	1.0	30
10	Physiological and transcriptomic analysis revealed the involvement of crucial factors in heat stress response of <i>Rhododendron hainanense</i> . <i>Gene</i> , 2018, 660, 109-119.	1.0	30
11	Transcriptomic analysis revealed the mechanism of oil dynamic accumulation during developing Siberian apricot ( <i>Prunus sibirica</i> L.) seed kernels for the development of woody biodiesel. <i>Biotechnology for Biofuels</i> , 2015, 8, 29.	6.2	28
12	Integrated analysis of 454 and Illumina transcriptomic sequencing characterizes carbon flux and energy source for fatty acid synthesis in developing <i>Lindera glauca</i> fruits for woody biodiesel. <i>Biotechnology for Biofuels</i> , 2017, 10, 134.	6.2	27
13	Transcriptomics and Metabolomics Reveal Purine and Phenylpropanoid Metabolism Response to Drought Stress in <i>Dendrobium sinense</i> , an Endemic Orchid Species in Hainan Island. <i>Frontiers in Genetics</i> , 2021, 12, 692702.	1.1	25
14	Fruit characteristics, soluble sugar compositions and transcriptome analysis during the development of <i>Citrus maxima</i> "seedless", and identification of SUS and INV genes involved in sucrose degradation. <i>Gene</i> , 2019, 689, 131-140.	1.0	24
15	Integrated mRNA and miRNA transcriptome reveal a cross-talk between developing response and hormone signaling for the seed kernels of Siberian apricot. <i>Scientific Reports</i> , 2016, 6, 35675.	1.6	23
16	Cross-talk between freezing response and signaling for regulatory transcriptions of MIR475b and its targets by miR475b promoter in <i>Populus suaveolens</i> . <i>Scientific Reports</i> , 2016, 6, 20648.	1.6	19
17	WRINKLED1 transcription factor orchestrates the regulation of carbon partitioning for C18:1 (oleic) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	18
18	Identification of AUXIN RESPONSE FACTOR gene family from <i>Prunus sibirica</i> and its expression analysis during mesocarp and kernel development. <i>BMC Plant Biology</i> , 2018, 18, 21.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Comparative study on antioxidative system in normal and vitrified shoots of <i>Populus suaveolens</i> in tissue culture. <i>Forestry Studies in China</i> , 2004, 6, 1-8.	0.4	15
20	<i>Populus euphratica</i> remorin 6.5 activates plasma membrane H <sup>+</sup> -ATPases to mediate salt tolerance. <i>Tree Physiology</i> , 2020, 40, 731-745.	1.4	15
21	Effects of exogenous abscisic acid on oil content, fatty acid composition, biodiesel properties and lipid components in developing Siberian apricot ( <i>Prunus sibirica</i> ) seeds. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 260-267.	2.8	13
22	Cloning, characterization, and expression analysis of acyl-acyl carrier protein (ACP)-thioesterase B from seeds of Chinese Spicehush ( <i>Lindera communis</i> ). <i>Gene</i> , 2014, 542, 16-22.	1.0	12
23	<i>Populus euphratica</i> JRL Mediates ABA Response, Ionic and ROS Homeostasis in Arabidopsis under Salt Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 815.	1.8	11
24	Volatile Constituents from the Fruits of <i>Lindera glauca</i> (Sieb. et Zucc.) with Different Maturities. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 926-935.	0.7	10
25	Comprehensive evaluation of fuel properties and complex regulation of intracellular transporters for high oil production in developing seeds of <i>Prunus sibirica</i> for woody biodiesel. <i>Biotechnology for Biofuels</i> , 2019, 12, 6.	6.2	10
26	Transcriptome analysis of genes involved in starch biosynthesis in developing Chinese chestnut ( <i>Castanea mollissima</i> Blume) seed kernels. <i>Scientific Reports</i> , 2021, 11, 3570.	1.6	10
27	Integrated metabolome and transcriptome revealed the flavonoid biosynthetic pathway in developing <i>Vernonia amygdalina</i> leaves. <i>PeerJ</i> , 2021, 9, e11239.	0.9	10
28	Genome-wide characterization of the NUCLEAR FACTOR-Y (NF-Y) family in <i>Citrus grandis</i> identified CgNF-YB9 involved in the fructose and glucose accumulation. <i>Genes and Genomics</i> , 2019, 41, 1341-1355.	0.5	8
29	Metabolite analysis in <i>Nymphaea</i> 'Blue Bird'™ petals reveal the roles of flavonoids in color formation, stress amelioration, and bee orientation. <i>Plant Science</i> , 2021, 312, 111025.	1.7	7
30	Characterization of the Key Bibenzyl Synthase in <i>Dendrobium sinense</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 6780.	1.8	6
31	One rapid and efficient method for isolation of total RNA from shoots regenerated in vitro of <i>populus suaveolens</i> . <i>Forestry Studies in China</i> , 2004, 6, 18-21.	0.4	5
32	Identification of CpTI gene integration for 2-year-old transgenic poplars at DNA level. <i>Forestry Studies in China</i> , 2004, 6, 15-19.	0.4	5
33	Using lipidomics to reveal details of lipid accumulation in developing Siberian apricot ( <i>Prunus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.5	5
34	Transcriptome Analysis Reveals the Senescence Process Controlling the Flower Opening and Closure Rhythm in the Waterlilies ( <i>Nymphaea</i> L.). <i>Frontiers in Plant Science</i> , 2021, 12, 701633.	1.7	5
35	Characterization and role of glucose-6-phosphate dehydrogenase of <i>Populus suaveolens</i> in induction of freezing resistance. <i>Forestry Studies in China</i> , 2004, 6, 1-7.	0.4	4
36	The complete plastid genome of Chinese cinnamon, <i>Cinnamomum aromaticum</i> Nees (Lauraceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3831-3833.	0.2	4

#	ARTICLE	IF	CITATIONS
37	Natural and Synthetic Hydrophilic Polymers Enhance Salt and Drought Tolerance of <i>Metasequoia glyptostroboides</i> Hu and W.C.Cheng Seedlings. <i>Forests</i> , 2018, 9, 643.	0.9	3
38	Analysis of promoter activity of <i>PtDrl02</i> gene in white poplars. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 88-97.	0.9	2
39	Transient expression and enzymatic assay identified uridine-diphosphate glucosyltransferases related to flavonoid glycosylation in <i>Vernonia amygdalina</i> leaves. <i>Industrial Crops and Products</i> , 2021, 172, 114005.	2.5	2
40	Expression profiling of NBS-encoding genes in a triploid white poplar. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015, 24, 283-291.	0.9	1
41	DNA extraction from <i>Eriocaulon</i> plants and construction of RAPD system. <i>Forestry Studies in China</i> , 2004, 6, 22-26.	0.4	0