

# Keith E Woeste

## List of Publications by Year in descending order

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93  
papers

3,130  
citations

159585

30  
h-index

175258

52  
g-index

97  
all docs

97  
docs citations

97  
times ranked

2272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene flow among wild and cultivated common walnut ( <i>Juglans regia</i> ) trees in the Qinling Mountains revealed by microsatellite markers. <i>Journal of Forestry Research</i> , 2021, 32, 2189-2201.	3.6	6
2	The complete chloroplast genome sequence of American elm ( <i>Ulmus americana</i> ) and comparative genomics of related species. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	1.6	3
3	Improved de novo chromosome-level genome assembly of the vulnerable walnut tree <i>Juglans mandshurica</i> reveals gene family evolution and possible genome basis of resistance to lesion nematode. <i>Molecular Ecology Resources</i> , 2021, 21, 2063-2076.	4.8	20
4	Comparative Analysis of the Complete Chloroplast Genomes of Four Chestnut Species ( <i>Castanea</i> ). <i>Forests</i> , 2021, 12, 861.	2.1	8
5	Characterization of stem volume and form tradeoffs in a northern red oak ( <i>Quercus rubra</i> ) breeding population in early stages of selection. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	4
6	Save Our Species: A Blueprint for Restoring Butternut ( <i>Juglans cinerea</i> ) across Eastern North America. <i>Journal of Forestry</i> , 2021, 119, 196-206.	1.0	8
7	Whole genome based insights into the phylogeny and evolution of the Juglandaceae. <i>Bmc Ecology and Evolution</i> , 2021, 21, 191.	1.6	11
8	Rapid Tree Diameter Computation with Terrestrial Stereoscopic Photogrammetry. <i>Journal of Forestry</i> , 2020, 118, 355-361.	1.0	6
9	The de novo genome assembly of <i>Tapiscia sinensis</i> and the transcriptomic and developmental bases of androdioecy. <i>Horticulture Research</i> , 2020, 7, 191.	6.3	3
10	Phylogenomics Reveals an Ancient Hybrid Origin of the Persian Walnut. <i>Molecular Biology and Evolution</i> , 2019, 36, 2451-2461.	8.9	79
11	Microsatellite Borders and Micro-sequence Conservation in <i>Juglans</i> . <i>Scientific Reports</i> , 2019, 9, 3748.	3.3	9
12	Population genetic structure and adaptive differentiation of iron walnut ( <i>Juglans regia</i> subsp. <i>sigillata</i> ) in southwestern China. <i>Ecology and Evolution</i> , 2019, 9, 14154-14166.	1.9	10
13	Discrimination and assessment of black walnut ( <i>Juglans nigra</i> L.) cultivars using phenology and microsatellite markers (SSRs). <i>Canadian Journal of Plant Science</i> , 2018, 98, 616-627.	0.9	10
14	Population genetics, phylogenomics and hybrid speciation of <i>Juglans</i> in China determined from whole chloroplast genomes, transcriptomes, and genotyping-by-sequencing (GBS). <i>Molecular Phylogenetics and Evolution</i> , 2018, 126, 250-265.	2.7	78
15	The complete plastid genome of the endangered species midget crabapple ( <i>Malus micromalus</i> ). <i>Conservation Genetics Resources</i> , 2018, 10, 531-533.	0.8	4
16	Pollen flow and paternity in an isolated and non-isolated black walnut ( <i>Juglans nigra</i> L.) timber seed orchard. <i>PLoS ONE</i> , 2018, 13, e0207861.	2.5	10
17	The Phylogeographic History of Common Walnut in China. <i>Frontiers in Plant Science</i> , 2018, 9, 1399.	3.6	39
18	Genomic Variation Among and Within Six <i>Juglans</i> Species. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2153-2165.	1.8	73

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19	Resources for studies of iron walnut ( <i>Juglans sigillata</i> ) gene expression, genetic diversity, and evolution. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	1.6	12
20	Signatures of Selection in the Genomes of Chinese Chestnut ( <i>Castanea mollissima</i> Blume): The Roots of Nut Tree Domestication. <i>Frontiers in Plant Science</i> , 2018, 9, 810.	3.6	18
21	Demographically idiosyncratic responses to climate change and rapid Pleistocene diversification of the walnut genus <i>Juglans</i> ( <i>Juglandaceae</i> ) revealed by whole-genome sequences. <i>New Phytologist</i> , 2018, 217, 1726-1736.	7.3	98
22	Genetic diversity of Persian walnut ( <i>Juglans regia</i> ) in the cold-temperate zone of the United States and Europe. <i>Scientia Horticulturae</i> , 2017, 220, 36-41.	3.6	33
23	Genetic diversity and differentiation of yellowwood [ <i>Cladrastis kentukea</i> (Dum.Cours.) Rudd] growing in the wild and in planted populations outside the natural range. <i>New Forests</i> , 2017, 48, 263-274.	1.7	6
24	Characterization of the complete chloroplast genome of wheel wingnut ( <i>Cyclocarya paliurus</i> ), an endemic in China. <i>Conservation Genetics Resources</i> , 2017, 9, 273-275.	0.8	6
25	Genetic diversity and population structure in the narrow endemic Chinese walnut <i>Juglans hopeiensis</i> Hu: implications for conservation. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	28
26	Characterization of the complete chloroplast genome of <i>Platycarya strobilacea</i> ( <i>Juglandaceae</i> ). <i>Conservation Genetics Resources</i> , 2017, 9, 79-81.	0.8	2
27	Comparative Genomics of Pathogenic and Nonpathogenic Beetle-Vectored Fungi in the Genus <i>Geosmithia</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 3312-3327.	2.5	18
28	Rethinking the history of common walnut ( <i>Juglans regia</i> L.) in Europe: Its origins and human interactions. <i>PLoS ONE</i> , 2017, 12, e0172541.	2.5	124
29	Pollen gene flow, male reproductive success, and genetic correlations among offspring in a northern red oak ( <i>Quercus rubra</i> L.) seed orchard. <i>PLoS ONE</i> , 2017, 12, e0171598.	2.5	12
30	De Novo Assembly and Characterization of Bud, Leaf and Flowers Transcriptome from <i>Juglans Regia</i> L. for the Identification and Characterization of New EST-SSRs. <i>Forests</i> , 2016, 7, 247.	2.1	52
31	Vegetative and Adaptive Traits Predict Different Outcomes for Restoration Using Hybrids. <i>Frontiers in Plant Science</i> , 2016, 7, 1741.	3.6	28
32	Soil pretreatment and fast cell lysis for direct polymerase chain reaction from forest soils for terminal restriction fragment length polymorphism analysis of fungal communities. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 817-827.	2.0	9
33	Genetic diversity and genetic structure of Persian walnut ( <i>Juglans regia</i> ) accessions from 14 European, African, and Asian countries using SSR markers. <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	1.6	45
34	Genetic diversity and population structure of common walnut ( <i>Juglans regia</i> ) in China based on EST-SSRs and the nuclear gene phenylalanine ammonia-lyase (PAL). <i>Tree Genetics and Genomes</i> , 2016, 12, 1.	1.6	47
35	The complete chloroplast genome of common walnut ( <i>Juglans regia</i> ). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 189-190.	0.4	12
36	Characterization of the complete chloroplast genome of the endangered species <i>Carya sinensis</i> ( <i>Juglandaceae</i> ). <i>Conservation Genetics Resources</i> , 2016, 8, 467-470.	0.8	4



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55	Pyrosequencing of the northern red oak ( <i>Quercus rubra</i> L.) chloroplast genome reveals high quality polymorphisms for population management. <i>Tree Genetics and Genomes</i> , 2014, 10, 803-812.	1.6	52
56	Landscape genetics of Persian walnut ( <i>Juglans regia</i> L.) across its Asian range. <i>Tree Genetics and Genomes</i> , 2014, 10, 1027-1043.	1.6	81
57	Genotypic data changes family rank for growth and quality traits in a black walnut ( <i>Juglans nigra</i> L.) progeny test. <i>New Forests</i> , 2013, 44, 357-368.	1.7	13
58	Figured grain in aspen is heritable and not affected by graft-transmissible signals. <i>Trees - Structure and Function</i> , 2013, 27, 973-983.	1.9	10
59	Conservation Status of a Threatened Tree Species: Establishing a Baseline for Restoration of <i>Juglans cinerea</i> L. in the Southern Appalachian Mountains, USA. <i>Natural Areas Journal</i> , 2013, 33, 413-426.	0.5	13
60	Barriers to interspecific hybridization between <i>Juglans nigra</i> L. and <i>J. regia</i> L species. <i>Tree Genetics and Genomes</i> , 2013, 9, 291-305.	1.6	24
61	Susceptibility of Walnut and Hickory Species to <i>Geosmithia morbida</i> . <i>Plant Disease</i> , 2013, 97, 601-607.	1.4	65
62	Roles of JnRAP2.6-like from the Transition Zone of Black Walnut in Hormone Signaling. <i>PLoS ONE</i> , 2013, 8, e75857.	2.5	6
63	Morph-specific mating patterns in a low-density population of a heterodichogamous tree, <i>Juglans ailantifolia</i> . <i>Plant Ecology</i> , 2012, 213, 1477-1487.	1.6	12
64	Half-sib seed source and nursery sowing density affect black walnut ( <i>Juglans nigra</i> ) growth after 5 years. <i>New Forests</i> , 2011, 41, 235-245.	1.7	10
65	DNA markers identify hybrids between butternut ( <i>Juglans cinerea</i> L.) and Japanese walnut ( <i>Juglans</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	66
66	Long-term human impacts on genetic structure of Italian walnut inferred by SSR markers. <i>Tree Genetics and Genomes</i> , 2011, 7, 707-723.	1.6	68
67	Effects of gibberellin A4/7, 6-benzylaminopurine and chlormequat chloride on the number of male and female strobili and immature cones in Chinese pine ( <i>Pinus tabuliformis</i> ) with foliar sprays. <i>Journal of Forestry Research</i> , 2011, 22, 353-359.	3.6	4
68	<i>Juglans</i> . , 2011, , 77-88.		13
69	Genetic consequences of harvest in a mature second-growth stand of black walnut ( <i>Juglans nigra</i> L.). <i>Annals of Forest Science</i> , 2010, 67, 702-702.	2.0	7
70	A Cross-species Transcriptional Profile Analysis of Heartwood Formation in Black Walnut. <i>Plant Molecular Biology Reporter</i> , 2010, 28, 222-230.	1.8	13
71	Plant Breeding and Rural Development in the United States. <i>Crop Science</i> , 2010, 50, 1625-1632.	1.8	5
72	Molecular Characterization of Persian Walnut Populations in Iran with Microsatellite Markers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 1403-1406.	1.0	32

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73	A Forest Manager's Guide to Butternut. Northern Journal of Applied Forestry, 2009, 26, 9-14.	0.5	16
74	Retrospective identification of hybridogenic walnut plants by SSR fingerprinting and parentage analysis. Molecular Breeding, 2009, 24, 321-335.	2.1	65
75	A KNAT3-like homeobox gene from <i>Juglans nigra</i> L., JnKNAT3-like, highly expressed during heartwood formation. Plant Cell Reports, 2009, 28, 1717-1724.	5.6	18
76	Microsatellite markers for <i>Juglans cinerea</i> L. and their utility in other Juglandaceae species. Conservation Genetics, 2008, 9, 465-469.	1.5	22
77	Genetic diversity of butternut ( <i>Juglans cinerea</i> ) and implications for conservation. Canadian Journal of Forest Research, 2008, 38, 899-907.	1.7	18
78	Morphological and molecular methods to identify butternut ( <i>Juglans cinerea</i> ) and butternut hybrids: relevance to butternut conservation. Tree Physiology, 2008, 28, 1127-1133.	3.1	34
79	Improving disease resistance of butternut ( <i>Juglans cinerea</i> ), a threatened fine hardwood: a case for single-tree selection through genetic improvement and deployment. Tree Physiology, 2006, 26, 121-128.	3.1	35
80	A robust set of black walnut microsatellites for parentage and clonal identification. New Forests, 2006, 32, 179-196.	1.7	38
81	Genetic homogeneity in <i>Juglans nigra</i> ( <i>Juglandaceae</i> ) at nuclear microsatellites. American Journal of Botany, 2006, 93, 118-126.	1.7	101
82	Evaluation of four herbicides and tillage for weed control on third year growth of tree seedlings. Weed Science, 2005, 53, 331-336.	1.5	9
83	Characterization of 14 Microsatellite Markers for Genetic Analysis and Cultivar Identification of Walnut. Journal of the American Society for Horticultural Science, 2005, 130, 348-354.	1.0	124
84	Evaluation of Four Herbicides and Tillage for Weed Control on 1-0 Planted Tree Seedlings. Northern Journal of Applied Forestry, 2002, 19, 101-105.	0.5	7
85	A Strong Loss-of-Function Mutation in RAN1 Results in Constitutive Activation of the Ethylene Response Pathway as Well as a Rosette-Lethal Phenotype. Plant Cell, 2000, 12, 443-455.	6.6	215
86	Factors regulating ethylene biosynthesis in etiolated <i>Arabidopsis thaliana</i> seedlings. Physiologia Plantarum, 1999, 105, 478-484.	5.2	73
87	Two <i>Arabidopsis</i> Mutants That Overproduce Ethylene Are Affected in the Posttranscriptional Regulation of 1-Aminocyclopropane-1-Carboxylic Acid Synthase1. Plant Physiology, 1999, 119, 521-530.	4.8	210
88	Isolation and Characterization of <i>Arabidopsis</i> Mutants Defective in the Induction of Ethylene Biosynthesis by Cytokinin. Genetics, 1998, 149, 417-427.	2.9	114
89	Low Correlation Between Genomic and Morphological Introgression Estimates in a Walnut Backcross. Journal of the American Society for Horticultural Science, 1998, 123, 258-263.	1.0	6
90	The identification and characterization of a genetic marker linked to hypersensitivity to the cherry leafroll virus in walnut. Molecular Breeding, 1996, 2, 261-266.	2.1	18

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91	Randomly Amplified Polymorphic DNA Loci from a Walnut Backcross [( <i>Juglans hindsii</i> × <i>J. regia</i> ) × <i>J. regia</i> ]. <i>Journal of the American Society for Horticultural Science</i> , 1996, 121, 358-361.	1.0	20
92	Variation among Persian Walnuts in Response to Inoculation with <i>Xanthomonas campestris</i> pv. <i>juglandis</i> . <i>Journal of the American Society for Horticultural Science</i> , 1992, 117, 527-531.	1.0	19
93	Comparative phylogeography of <i>Juglans regia</i> and <i>J. mandshurica</i> combining organellar and nuclear DNA markers to assess genetic diversity and introgression in regions of sympatry. <i>Trees - Structure and Function</i> , 0, , 1.	1.9	3