

# Victoria L Sork

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

107  
papers

6,735  
citations

43  
h-index

80  
g-index

115  
ext. papers

7,813  
ext. citations

4.3  
avg, IF

6.06  
L-index

#	Paper	IF	Citations
107	High-quality genome and methylomes illustrate features underlying evolutionary success of oaks.. <i>Nature Communications</i> , <b>2022</b> , 13, 2047	17.4	2
106	Influence of Pliocene and Pleistocene climates on hybridization patterns between two closely related oak species in China. <i>Annals of Botany</i> , <b>2021</b> ,	4.1	1
105	Genome-Wide Variation in DNA Methylation Predicts Variation in Leaf Traits in an Ecosystem-Foundational Oak Species. <i>Forests</i> , <b>2021</b> , 12, 569	2.8	1
104	Landscape genomics of <i>Quercus lobata</i> reveals genes involved in local climate adaptation at multiple spatial scales. <i>Molecular Ecology</i> , <b>2021</b> , 30, 406-423	5.7	6
103	Ancient introgression between distantly related white oaks ( <i>Quercus</i> sect <i>Quercus</i> ) shows evidence of climate-associated asymmetric gene exchange. <i>Journal of Heredity</i> , <b>2021</b> ,	2.4	1
102	Experimental DNA Demethylation Associates with Changes in Growth and Gene Expression of Oak Tree Seedlings. <i>G3: Genes, Genomes, Genetics</i> , <b>2020</b> , 10, 1019-1028	3.2	8
101	Creating inclusive classrooms by engaging STEM faculty in culturally responsive teaching workshops. <i>International Journal of STEM Education</i> , <b>2020</b> , 7, 32	4	12
100	VARIATION IN LEAF SHAPE IN A QUERCUS LOBATA COMMON GARDEN: TESTS FOR ADAPTATION TO CLIMATE AND PHYSIOLOGICAL CONSEQUENCES. <i>Madroño</i> , <b>2020</b> , 67,	0.4	2
99	Genomic landscape of the global oak phylogeny. <i>New Phytologist</i> , <b>2020</b> , 226, 1198-1212	9.8	83
98	Influence of a climatic gradient on genetic exchange between two oak species. <i>American Journal of Botany</i> , <b>2019</b> , 106, 864-878	2.7	7
97	Seedling response to water stress in valley oak ( <i>Quercus lobata</i> ) is shaped by different gene networks across populations. <i>Molecular Ecology</i> , <b>2019</b> , 28, 5248-5264	5.7	9
96	Adaptational lag to temperature in valley oak () can be mitigated by genome-informed assisted gene flow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 25179-25185	11.5	44
95	Historical interactions are predicted to be disrupted under future climate change: The case of lace lichen and valley oak. <i>Journal of Biogeography</i> , <b>2019</b> , 46, 19-29	4.1	2
94	Genomic data reveal cryptic lineage diversification and introgression in Californian golden cup oaks (section <i>Protobalanus</i> ). <i>New Phytologist</i> , <b>2018</b> , 218, 804-818	9.8	35
93	Applying landscape genomic tools to forest management and restoration of Hawaiian koa () in a changing environment. <i>Evolutionary Applications</i> , <b>2018</b> , 11, 231-242	4.8	30
92	Landscape genomics provides evidence of climate-associated genetic variation in Mexican populations of. <i>Evolutionary Applications</i> , <b>2018</b> , 11, 1842-1858	4.8	31
91	The relative contributions of seed and pollen dispersal to gene flow and genetic diversity in seedlings of a tropical palm. <i>Molecular Ecology</i> , <b>2018</b> , 27, 3159-3173	5.7	10

90	The roles of geography and environment in divergence within and between two closely related plant species inhabiting an island-like habitat. <i>Journal of Biogeography</i> , <b>2018</b> , 45, 381-393	4.1	9
89	Assessment of shared alleles in drought-associated candidate genes among southern California white oak species ( <i>Quercus</i> sect. <i>Quercus</i> ). <i>BMC Genetics</i> , <b>2018</b> , 19, 88	2.6	9
88	RADseq data reveal ancient, but not pervasive, introgression between Californian tree and scrub oak species ( <i>Quercus</i> sect. <i>Quercus</i> : Fagaceae). <i>Molecular Ecology</i> , <b>2018</b> , 27, 4556-4571	5.7	22
87	Tropical insect diversity: evidence of greater host specialization in seed-feeding weevils. <i>Ecology</i> , <b>2017</b> , 98, 2180-2190	4.6	17
86	Phylogenomic inferences from reference-mapped and de novo assembled short-read sequence data using RADseq sequencing of California white oaks ( <i>Quercus</i> section <i>Quercus</i> ). <i>Genome</i> , <b>2017</b> , 60, 743-755	2.4	35
85	Genomic Quantitative Genetics to Study Evolution in the Wild. <i>Trends in Ecology and Evolution</i> , <b>2017</b> , 32, 897-908	10.9	68
84	Genomic Studies of Local Adaptation in Natural Plant Populations. <i>Journal of Heredity</i> , <b>2017</b> , 109, 3-15	2.4	49
83	Impacts of human-induced environmental disturbances on hybridization between two ecologically differentiated Californian oak species. <i>New Phytologist</i> , <b>2017</b> , 213, 942-955	9.8	29
82	Whole-transcriptome response to water stress in a California endemic oak, <i>Quercus lobata</i> . <i>Tree Physiology</i> , <b>2017</b> , 37, 632-644	4.2	22
81	Gene flow and natural selection shape spatial patterns of genes in tree populations: implications for evolutionary processes and applications. <i>Evolutionary Applications</i> , <b>2016</b> , 9, 291-310	4.8	39
80	Evolutionary lessons from California plant phylogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8064-71	11.5	26
79	Association of genetic and phenotypic variability with geography and climate in three southern California oaks. <i>American Journal of Botany</i> , <b>2016</b> , 103, 73-85	2.7	33
78	Association of transcriptome-wide sequence variation with climate gradients in valley oak ( <i>Quercus lobata</i> ). <i>Tree Genetics and Genomes</i> , <b>2016</b> , 12, 1	2.1	26
77	Landscape genomic analysis of candidate genes for climate adaptation in a California endemic oak, <i>Quercus lobata</i> . <i>American Journal of Botany</i> , <b>2016</b> , 103, 33-46	2.7	65
76	Comparison of phylogeographical structures of a lichen-forming fungus and its green algal photobiont in western North America. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 932-943	4.1	7
75	Diversity in insect seed parasite guilds at large geographical scale: the roles of host specificity and spatial distance. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 1620-1630	4.1	10
74	Genetic evidence for central-marginal hypothesis in a Cenozoic relict tree species across its distribution in China. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 2173-2185	4.1	16
73	Species-wide patterns of DNA methylation variation in <i>Quercus lobata</i> and their association with climate gradients. <i>Molecular Ecology</i> , <b>2016</b> , 25, 1665-80	5.7	88

72	Epigenetics in ecology and evolution: what we know and what we need to know. <i>Molecular Ecology</i> , <b>2016</b> , 25, 1631-8	5.7	154
71	First Draft Assembly and Annotation of the Genome of a California Endemic Oak N $\bar{B}$ (Fagaceae). <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 3485-3495	3.2	57
70	Dry-washes determine gene flow and genetic diversity in a common desert shrub. <i>Landscape Ecology</i> , <b>2016</b> , 31, 2215-2229	4.3	6
69	Evolutionary insights from de novo transcriptome assembly and SNP discovery in California white oaks. <i>BMC Genomics</i> , <b>2015</b> , 16, 552	4.5	26
68	Evolutionary and demographic history of the Californian scrub white oak species complex: an integrative approach. <i>Molecular Ecology</i> , <b>2015</b> , 24, 6188-208	5.7	27
67	Genome-wide signature of local adaptation linked to variable CpG methylation in oak populations. <i>Molecular Ecology</i> , <b>2015</b> , 24, 3823-30	5.7	70
66	Impact of asymmetric male and female gamete dispersal on allelic diversity and spatial genetic structure in valley oak ( <i>Quercus lobata</i> N $\bar{B}$ ). <i>Evolutionary Ecology</i> , <b>2015</b> , 29, 927-945	1.8	22
65	Climatically stable landscapes predict patterns of genetic structure and admixture in the Californian canyon live oak. <i>Journal of Biogeography</i> , <b>2015</b> , 42, 328-338	4.1	54
64	Phylogeography of <i>Ramalina menziesii</i> , a widely distributed lichen-forming fungus in western North America. <i>Molecular Ecology</i> , <b>2014</b> , 23, 2326-39	5.7	28
63	Influence of climatic niche suitability and geographical overlap on hybridization patterns among southern Californian oaks. <i>Journal of Biogeography</i> , <b>2014</b> , 41, 1895-1908	4.1	41
62	Ecological specialization in <i>Trebouxia</i> (Trebouxiophyceae) photobionts of <i>Ramalina menziesii</i> (Ramalinaceae) across six range-covering ecoregions of western North America. <i>American Journal of Botany</i> , <b>2014</b> , 101, 1127-1140	2.7	40
61	Isolation and characterization of polymorphic microsatellite loci in <i>Spondias radlkoferi</i> (Anacardiaceae). <i>Applications in Plant Sciences</i> , <b>2014</b> , 2, 1400079	2.3	3
60	Effect of clonal reproduction on genetic structure in <i>Pentaclethra macroloba</i> (Fabaceae: Mimosoideae). <i>Revista De Biologia Tropical</i> , <b>2014</b> , 62, 443-54	1.3	6
59	Influence of late Quaternary climate change on present patterns of genetic variation in valley oak, <i>Quercus lobata</i> N $\bar{B}$ . <i>Molecular Ecology</i> , <b>2013</b> , 22, 3598-612	5.7	96
58	A road map for molecular ecology. <i>Molecular Ecology</i> , <b>2013</b> , 22, 2605-26	5.7	86
57	Phenotypic plasticity and differentiation in fitness-related traits in invasive populations of the Mediterranean forb <i>Centaurea melitensis</i> (Asteraceae). <i>American Journal of Botany</i> , <b>2013</b> , 100, 2040-51	2.7	18
56	Seed-mediated connectivity among fragmented populations of <i>Quercus castanea</i> (Fagaceae) in a Mexican landscape. <i>American Journal of Botany</i> , <b>2013</b> , 100, 1663-71	2.7	26
55	Influence of environmental heterogeneity on genetic diversity and structure in an endemic southern Californian oak. <i>Molecular Ecology</i> , <b>2012</b> , 21, 3210-23	5.7	71

54	Use of alpha, beta, and gamma diversity measures to characterize seed dispersal by animals. <i>American Naturalist</i> , <b>2012</b> , 180, 719-32	3.7	22
53	Using seedling and pericarp tissues to determine maternal parentage of dispersed valley oak recruits. <i>Journal of Heredity</i> , <b>2012</b> , 103, 250-9	2.4	17
52	Effects of habitat fragmentation on pollen flow and genetic diversity of the endangered tropical tree <i>Swietenia humilis</i> (Meliaceae). <i>Biological Conservation</i> , <b>2011</b> , 144, 3082-3088	6.2	36
51	Trade-offs between vegetative growth and acorn production in <i>Quercus lobata</i> during a mast year: the relevance of crop size and hierarchical level within the canopy. <i>Oecologia</i> , <b>2011</b> , 166, 101-10	2.9	38
50	Foraging patterns of acorn woodpeckers ( <i>Melanerpes formicivorus</i> ) on valley oak ( <i>Quercus lobata</i> NØ) in two California oak savanna-woodlands. <i>Oecologia</i> , <b>2011</b> , 166, 187-96	2.9	16
49	Influence of acorn woodpecker social behaviour on transport of coast live oak ( <i>Quercus agrifolia</i> ) acorns in a southern California oak savanna. <i>Journal of Ecology</i> , <b>2010</b> , 98, 561-572	6	25
48	Destination-based seed dispersal homogenizes genetic structure of a tropical palm. <i>Molecular Ecology</i> , <b>2010</b> , 19, 1745-53	5.7	51
47	Gene movement and genetic association with regional climate gradients in California valley oak ( <i>Quercus lobata</i> NØ) in the face of climate change. <i>Molecular Ecology</i> , <b>2010</b> , 19, 3806-23	5.7	180
46	Contributions of landscape genetics - approaches, insights, and future potential. <i>Molecular Ecology</i> , <b>2010</b> , 19, 3489-95	5.7	100
45	Identity and genetic structure of the photobiont of the epiphytic lichen <i>Ramalina menziesii</i> on three oak species in southern California. <i>American Journal of Botany</i> , <b>2010</b> , 97, 821-30	2.7	64
44	Effect of patch size and isolation on mating patterns and seed production in an urban population of Chinese pine ( <i>Pinus tabulaeformis</i> Carr.). <i>Forest Ecology and Management</i> , <b>2010</b> , 260, 965-974	3.9	23
43	Relative contribution of contemporary pollen and seed dispersal to the effective parental size of seedling population of California valley oak ( <i>Quercus lobata</i> , NØ). <i>Molecular Ecology</i> , <b>2009</b> , 18, 3967-79	5.7	57
42	Short distance pollen movement in a wind-pollinated tree, <i>Quercus lobata</i> (Fagaceae). <i>Forest Ecology and Management</i> , <b>2009</b> , 258, 735-744	3.9	59
41	Conserving the evolutionary potential of California valley oak ( <i>Quercus lobata</i> NØ): a multivariate genetic approach to conservation planning. <i>Molecular Ecology</i> , <b>2008</b> , 17, 139-56	5.7	64
40	Local genetic structure in a North American epiphytic lichen, <i>Ramalina menziesii</i> (Ramalinaceae). <i>American Journal of Botany</i> , <b>2008</b> , 95, 568-76	2.7	37
39	Genetic Variation in Fragmented Forest Stands of the Andean Oak <i>Quercus humboldtii</i> Bonpl. (Fagaceae)1. <i>Biotropica</i> , <b>2007</b> , 39, 72-78	2.3	27
38	Hunting of Mammals Reduces Seed Removal and Dispersal of the Afrotropical Tree <i>Antrocaryon klaineanum</i> (Anacardiaceae). <i>Biotropica</i> , <b>2007</b> , 39, 340-347	2.3	88
37	Mating patterns of black oak <i>Quercus velutina</i> (Fagaceae) in a Missouri oak-hickory forest. <i>Journal of Heredity</i> , <b>2006</b> , 97, 451-5	2.4	17

36	Contrasting patterns of historical colonization in white oaks ( <i>Quercus</i> spp.) in California and Europe. <i>Molecular Ecology</i> , <b>2006</b> , 15, 4085-93	5.7	76
35	Genetic analysis of landscape connectivity in tree populations. <i>Landscape Ecology</i> , <b>2006</b> , 21, 821-836	4.3	239
34	A novel approach to an old problem: tracking dispersed seeds. <i>Molecular Ecology</i> , <b>2005</b> , 14, 3585-95	5.7	86
33	A two-generation analysis of pollen pool genetic structure in flowering dogwood, <i>Cornus florida</i> (Cornaceae), in the Missouri Ozarks. <i>American Journal of Botany</i> , <b>2005</b> , 92, 262-71	2.7	46
32	Gene flow and fine-scale genetic structure in a wind-pollinated tree species, <i>Quercus lobata</i> (Fagaceae). <i>American Journal of Botany</i> , <b>2005</b> , 92, 252-61	2.7	68
31	Using genetic markers to estimate the pollen dispersal curve. <i>Molecular Ecology</i> , <b>2004</b> , 13, 937-54	5.7	235
30	Within-population spatial synchrony in mast seeding of North American oaks. <i>Oikos</i> , <b>2004</b> , 104, 156-164	4	83
29	Measuring pollen flow in forest trees: an exposition of alternative approaches. <i>Forest Ecology and Management</i> , <b>2004</b> , 197, 21-38	3.9	171
28	Measuring mast seeding behavior: relationships among population variation, individual variation and synchrony. <i>Journal of Theoretical Biology</i> , <b>2003</b> , 224, 107-14	2.3	35
27	Dissecting components of population-level variation in seed production and the evolution of masting behavior. <i>Oikos</i> , <b>2003</b> , 102, 581-591	4	109
26	Fitness Consequences of Herbivory on <i>Quercus alba</i> . <i>American Midland Naturalist</i> , <b>2003</b> , 150, 246-253	0.7	22
25	Lianas and Trees in a Liana Forest of Amazonian Bolivia <sup>1</sup> . <i>Biotropica</i> , <b>2001</b> , 33, 34-47	2.3	139
24	Two-generation analysis of pollen flow across a landscape. I. Male gamete heterogeneity among females. <i>Evolution; International Journal of Organic Evolution</i> , <b>2001</b> , 55, 260-71	3.8	240
23	EVALUATING THE EFFECTS OF ECOSYSTEM MANAGEMENT: A CASE STUDY IN A MISSOURI OZARK FOREST <b>2001</b> , 11, 1667-1679		24
22	ASSOCIATION BETWEEN ENVIRONMENTAL AND GENETIC HETEROGENEITY IN FOREST TREE POPULATIONS. <i>Ecology</i> , <b>2001</b> , 82, 2012-2021	4.6	54
21	Lianas and Trees in a Liana Forest of Amazonian Bolivia <sup>1</sup> . <i>Biotropica</i> , <b>2001</b> , 33, 34	2.3	1
20	ASSOCIATION BETWEEN ENVIRONMENTAL AND GENETIC HETEROGENEITY IN FOREST TREE POPULATIONS <b>2001</b> , 82, 2012		4
19	Population Density as a Predictor of Genetic Variation for Woody Plant Species. <i>Conservation Biology</i> , <b>1999</b> , 13, 1079-1087	6	29

18	Landscape approaches to historical and contemporary gene flow in plants. <i>Trends in Ecology and Evolution</i> , <b>1999</b> , 14, 219-224	10.9	303
17	Population and genetic structure of the West African rain forest liana <i>Ancistrocladus korupensis</i> (Ancistrocladaceae). <i>American Journal of Botany</i> , <b>1997</b> , 84, 1078-1091	2.7	27
16	The impact of weed diversity on insect population dynamics and crop yield in collards, Brassica oleraceae (Brassicaceae). <i>Oecologia</i> , <b>1997</b> , 111, 233-240	2.9	63
15	Spatial genetic structure of a tropical understory shrub, PSYCHOTRIA OFFICINALIS (RuBIACEAE). <i>American Journal of Botany</i> , <b>1995</b> , 82, 1420-1425	2.7	580
14	Spatial genetic structure of a tropical understory shrub, PSYCHOTRIA OFFICINALIS (RuBIACEAE) <b>1995</b> , 82, 1420		530
13	Effect of water availability on the phenotypic expression of herbivore resistance in northern red oak seedlings ( <i>Quercus rubra</i> L.). <i>Oecologia</i> , <b>1994</b> , 100, 309-315	2.9	14
12	Ecology of Mast-Fruiting in Three Species of North American Deciduous Oaks. <i>Ecology</i> , <b>1993</b> , 74, 528-541	4.6	325
11	Evidence for local adaptation in closely adjacent subpopulations of Northern red oak ( <i>Quercus rubra</i> L.) expressed as resistance to leaf herbivores. <i>American Naturalist</i> , <b>1993</b> , 142, 928-36	3.7	139
10	FITNESS CONSEQUENCES OF MIXED-DONOR POLLEN LOADS IN THE ANNUAL LEGUME CHAMAECRISTA FASCICULATA. <i>American Journal of Botany</i> , <b>1992</b> , 79, 508-515	2.7	26
9	EFFECT OF CROSSING DISTANCE AND MALE PARENT ON IN VIVO POLLEN TUBE GROWTH IN CHAMAECRISTA FASCICULATA. <i>American Journal of Botany</i> , <b>1988</b> , 75, 1898-1903	2.7	48
8	Effects of Predation and Light on Seedling Establishment in <i>Gustavia Superba</i> . <i>Ecology</i> , <b>1987</b> , 68, 1341-1350	4.6	116
7	Examination of Seed Dispersal and Survival in Red Oak, <i>Quercus Rubra</i> (Fagaceae), Using Metal-Tagged Acorns. <i>Ecology</i> , <b>1984</b> , 65, 1020-1022	4.6	92
6	Utilization of red oak acorns in non-bumper crop year. <i>Oecologia</i> , <b>1983</b> , 59, 49-53	2.9	18
5	Mammalian Seed Dispersal of Pignut Hickory during Three Fruiting Seasons. <i>Ecology</i> , <b>1983</b> , 64, 1049-1056	4.6	27
4	Phenological Properties of Wind- and Insect-Pollinated Prairie Plants. <i>Ecology</i> , <b>1981</b> , 62, 49-56	4.6	67
3	Dispersal of sweet pignut hickory in a year of low fruit production, and the influence of predation by a curculionid beetle. <i>Oecologia</i> , <b>1977</b> , 28, 289-299	2.9	27
2	Genomic landscape of the global oak phylogeny		6
1	High-quality genome and methylomes illustrate features underlying evolutionary success of oaks		2

