

Victoria L Sork

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107
papers

6,735
citations

43
h-index

80
g-index

115
ext. papers

7,813
ext. citations

4.3
avg, IF

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L-index

#	Paper	IF	Citations
107	Spatial genetic structure of a tropical understory shrub, <i>PSYCHOTRIA OFFICINALIS</i> (RuBIACEAE). <i>American Journal of Botany</i> , 1995 , 82, 1420-1425	2.7	580
106	Spatial genetic structure of a tropical understory shrub, <i>PSYCHOTRIA OFFICINALIS</i> (RuBIACEAE) 1995 , 82, 1420		530
105	Ecology of Mast-Fruiting in Three Species of North American Deciduous Oaks. <i>Ecology</i> , 1993 , 74, 528-544	4.6	325
104	Landscape approaches to historical and contemporary gene flow in plants. <i>Trends in Ecology and Evolution</i> , 1999 , 14, 219-224	10.9	303
103	Two-generation analysis of pollen flow across a landscape. I. Male gamete heterogeneity among females. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 260-71	3.8	240
102	Genetic analysis of landscape connectivity in tree populations. <i>Landscape Ecology</i> , 2006 , 21, 821-836	4.3	239
101	Using genetic markers to estimate the pollen dispersal curve. <i>Molecular Ecology</i> , 2004 , 13, 937-54	5.7	235
100	Gene movement and genetic association with regional climate gradients in California valley oak (<i>Quercus lobata</i> NÉ) in the face of climate change. <i>Molecular Ecology</i> , 2010 , 19, 3806-23	5.7	180
99	Measuring pollen flow in forest trees: an exposition of alternative approaches. <i>Forest Ecology and Management</i> , 2004 , 197, 21-38	3.9	171
98	Epigenetics in ecology and evolution: what we know and what we need to know. <i>Molecular Ecology</i> , 2016 , 25, 1631-8	5.7	154
97	Lianas and Trees in a Liana Forest of Amazonian Bolivia ¹ . <i>Biotropica</i> , 2001 , 33, 34-47	2.3	139
96	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> , 1993 , 142, 928-36	3.7	139
95	Effects of Predation and Light on Seedling Establishment in <i>Gustavia Superba</i> . <i>Ecology</i> , 1987 , 68, 1341-1350	4.50	116
94	Dissecting components of population-level variation in seed production and the evolution of masting behavior. <i>Oikos</i> , 2003 , 102, 581-591	4	109
93	Contributions of landscape genetics - approaches, insights, and future potential. <i>Molecular Ecology</i> , 2010 , 19, 3489-95	5.7	100
92	Influence of late Quaternary climate change on present patterns of genetic variation in valley oak, <i>Quercus lobata</i> NÉ. <i>Molecular Ecology</i> , 2013 , 22, 3598-612	5.7	96
91	Examination of Seed Dispersal and Survival in Red Oak, <i>Quercus Rubra</i> (Fagaceae), Using Metal-Tagged Acorns. <i>Ecology</i> , 1984 , 65, 1020-1022	4.6	92

90	Hunting of Mammals Reduces Seed Removal and Dispersal of the Afrotropical Tree <i>Antrocaryon klaineianum</i> (Anacardiaceae). <i>Biotropica</i> , 2007 , 39, 340-347	2.3	88
89	Species-wide patterns of DNA methylation variation in <i>Quercus lobata</i> and their association with climate gradients. <i>Molecular Ecology</i> , 2016 , 25, 1665-80	5.7	88
88	A road map for molecular ecology. <i>Molecular Ecology</i> , 2013 , 22, 2605-26	5.7	86
87	A novel approach to an old problem: tracking dispersed seeds. <i>Molecular Ecology</i> , 2005 , 14, 3585-95	5.7	86
86	Within-population spatial synchrony in mast seeding of North American oaks. <i>Oikos</i> , 2004 , 104, 156-164	4	83
85	Genomic landscape of the global oak phylogeny. <i>New Phytologist</i> , 2020 , 226, 1198-1212	9.8	83
84	Contrasting patterns of historical colonization in white oaks (<i>Quercus</i> spp.) in California and Europe. <i>Molecular Ecology</i> , 2006 , 15, 4085-93	5.7	76
83	Influence of environmental heterogeneity on genetic diversity and structure in an endemic southern Californian oak. <i>Molecular Ecology</i> , 2012 , 21, 3210-23	5.7	71
82	Genome-wide signature of local adaptation linked to variable CpG methylation in oak populations. <i>Molecular Ecology</i> , 2015 , 24, 3823-30	5.7	70
81	Genomic Quantitative Genetics to Study Evolution in the Wild. <i>Trends in Ecology and Evolution</i> , 2017 , 32, 897-908	10.9	68
80	Gene flow and fine-scale genetic structure in a wind-pollinated tree species, <i>Quercus lobata</i> (Fagaceae). <i>American Journal of Botany</i> , 2005 , 92, 252-61	2.7	68
79	Phenological Properties of Wind- and Insect-Pollinated Prairie Plants. <i>Ecology</i> , 1981 , 62, 49-56	4.6	67
78	Landscape genomic analysis of candidate genes for climate adaptation in a California endemic oak, <i>Quercus lobata</i> . <i>American Journal of Botany</i> , 2016 , 103, 33-46	2.7	65
77	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> , 2010 , 97, 821-30	2.7	64
76	Conserving the evolutionary potential of California valley oak (<i>Quercus lobata</i> NØ): a multivariate genetic approach to conservation planning. <i>Molecular Ecology</i> , 2008 , 17, 139-56	5.7	64
75	The impact of weed diversity on insect population dynamics and crop yield in collards, <i>Brassica oleracea</i> (Brassicaceae). <i>Oecologia</i> , 1997 , 111, 233-240	2.9	63
74	Short distance pollen movement in a wind-pollinated tree, <i>Quercus lobata</i> (Fagaceae). <i>Forest Ecology and Management</i> , 2009 , 258, 735-744	3.9	59
73	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> , 2009 , 18, 3967-79	5.7	57

72	First Draft Assembly and Annotation of the Genome of a California Endemic Oak NB (Fagaceae). <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 3485-3495	3.2	57
71	Climatically stable landscapes predict patterns of genetic structure and admixture in the Californian canyon live oak. <i>Journal of Biogeography</i> , 2015 , 42, 328-338	4.1	54
70	ASSOCIATION BETWEEN ENVIRONMENTAL AND GENETIC HETEROGENEITY IN FOREST TREE POPULATIONS. <i>Ecology</i> , 2001 , 82, 2012-2021	4.6	54
69	Destination-based seed dispersal homogenizes genetic structure of a tropical palm. <i>Molecular Ecology</i> , 2010 , 19, 1745-53	5.7	51
68	Genomic Studies of Local Adaptation in Natural Plant Populations. <i>Journal of Heredity</i> , 2017 , 109, 3-15	2.4	49
67	EFFECT OF CROSSING DISTANCE AND MALE PARENT ON IN VIVO POLLEN TUBE GROWTH IN CHAMAECRISTA FASCICULATA. <i>American Journal of Botany</i> , 1988 , 75, 1898-1903	2.7	48
66	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> , 2005 , 92, 262-71	2.7	46
65	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> , 2019 , 116, 25179-25185	11.5	44
64	Influence of climatic niche suitability and geographical overlap on hybridization patterns among southern Californian oaks. <i>Journal of Biogeography</i> , 2014 , 41, 1895-1908	4.1	41
63	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> , 2014 , 101, 1127-1140	2.7	40
62	Gene flow and natural selection shape spatial patterns of genes in tree populations: implications for evolutionary processes and applications. <i>Evolutionary Applications</i> , 2016 , 9, 291-310	4.8	39
61	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> , 2011 , 166, 101-10	2.9	38
60	Local genetic structure in a North American epiphytic lichen, <i>Ramalina menziesii</i> (Ramalinaceae). <i>American Journal of Botany</i> , 2008 , 95, 568-76	2.7	37
59	Effects of habitat fragmentation on pollen flow and genetic diversity of the endangered tropical tree <i>Swietenia humilis</i> (Meliaceae). <i>Biological Conservation</i> , 2011 , 144, 3082-3088	6.2	36
58	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> , 2017 , 60, 743-755	2.4	35
57	Genomic data reveal cryptic lineage diversification and introgression in Californian golden cup oaks (section <i>Protobalanus</i>). <i>New Phytologist</i> , 2018 , 218, 804-818	9.8	35
56	Measuring mast seeding behavior: relationships among population variation, individual variation and synchrony. <i>Journal of Theoretical Biology</i> , 2003 , 224, 107-14	2.3	35
55	Association of genetic and phenotypic variability with geography and climate in three southern California oaks. <i>American Journal of Botany</i> , 2016 , 103, 73-85	2.7	33

54	Landscape genomics provides evidence of climate-associated genetic variation in Mexican populations of. <i>Evolutionary Applications</i> , 2018 , 11, 1842-1858	4.8	31
53	Applying landscape genomic tools to forest management and restoration of Hawaiian koa () in a changing environment. <i>Evolutionary Applications</i> , 2018 , 11, 231-242	4.8	30
52	Impacts of human-induced environmental disturbances on hybridization between two ecologically differentiated Californian oak species. <i>New Phytologist</i> , 2017 , 213, 942-955	9.8	29
51	Population Density as a Predictor of Genetic Variation for Woody Plant Species. <i>Conservation Biology</i> , 1999 , 13, 1079-1087	6	29
50	Phylogeography of Ramalina menziesii, a widely distributed lichen-forming fungus in western North America. <i>Molecular Ecology</i> , 2014 , 23, 2326-39	5.7	28
49	Evolutionary and demographic history of the Californian scrub white oak species complex: an integrative approach. <i>Molecular Ecology</i> , 2015 , 24, 6188-208	5.7	27
48	Population and genetic structure of the West African rain forest liana Ancistrocladus korupensis (Ancistrocladaceae). <i>American Journal of Botany</i> , 1997 , 84, 1078-1091	2.7	27
47	Genetic Variation in Fragmented Forest Stands of the Andean Oak Quercus humboldtii Bonpl. (Fagaceae)1. <i>Biotropica</i> , 2007 , 39, 72-78	2.3	27
46	Mammalian Seed Dispersal of Pignut Hickory during Three Fruiting Seasons. <i>Ecology</i> , 1983 , 64, 1049-1056	4.6	27
45	Dispersal of sweet pignut hickory in a year of low fruit production, and the influence of predation by a curculionid beetle. <i>Oecologia</i> , 1977 , 28, 289-299	2.9	27
44	Evolutionary insights from de novo transcriptome assembly and SNP discovery in California white oaks. <i>BMC Genomics</i> , 2015 , 16, 552	4.5	26
43	Evolutionary lessons from California plant phylogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8064-71	11.5	26
42	Association of transcriptome-wide sequence variation with climate gradients in valley oak (Quercus lobata). <i>Tree Genetics and Genomes</i> , 2016 , 12, 1	2.1	26
41	Seed-mediated connectivity among fragmented populations of Quercus castanea (Fagaceae) in a Mexican landscape. <i>American Journal of Botany</i> , 2013 , 100, 1663-71	2.7	26
40	FITNESS CONSEQUENCES OF MIXED-DONOR POLLEN LOADS IN THE ANNUAL LEGUME CHAMAECRISTA FASCICULATA. <i>American Journal of Botany</i> , 1992 , 79, 508-515	2.7	26
39	Influence of acorn woodpecker social behaviour on transport of coast live oak (Quercus agrifolia) acorns in a southern California oak savanna. <i>Journal of Ecology</i> , 2010 , 98, 561-572	6	25
38	EVALUATING THE EFFECTS OF ECOSYSTEM MANAGEMENT: A CASE STUDY IN A MISSOURI OZARK FOREST 2001 , 11, 1667-1679		24
37	Effect of patch size and isolation on mating patterns and seed production in an urban population of Chinese pine (Pinus tabulaeformis Carr.). <i>Forest Ecology and Management</i> , 2010 , 260, 965-974	3.9	23

36	Impact of asymmetric male and female gamete dispersal on allelic diversity and spatial genetic structure in valley oak (<i>Quercus lobata</i> NØ). <i>Evolutionary Ecology</i> , 2015 , 29, 927-945	1.8	22
35	Use of alpha, beta, and gamma diversity measures to characterize seed dispersal by animals. <i>American Naturalist</i> , 2012 , 180, 719-32	3.7	22
34	Fitness Consequences of Herbivory on <i>Quercus alba</i> . <i>American Midland Naturalist</i> , 2003 , 150, 246-253	0.7	22
33	Whole-transcriptome response to water stress in a California endemic oak, <i>Quercus lobata</i> . <i>Tree Physiology</i> , 2017 , 37, 632-644	4.2	22
32	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> , 2018 , 27, 4556-4571	5.7	22
31	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> , 2013 , 100, 2040-51	2.7	18
30	Utilization of red oak acorns in non-bumper crop year. <i>Oecologia</i> , 1983 , 59, 49-53	2.9	18
29	Tropical insect diversity: evidence of greater host specialization in seed-feeding weevils. <i>Ecology</i> , 2017 , 98, 2180-2190	4.6	17
28	Using seedling and pericarp tissues to determine maternal parentage of dispersed valley oak recruits. <i>Journal of Heredity</i> , 2012 , 103, 250-9	2.4	17
27	Mating patterns of black oak <i>Quercus velutina</i> (Fagaceae) in a Missouri oak-hickory forest. <i>Journal of Heredity</i> , 2006 , 97, 451-5	2.4	17
26	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> , 2011 , 166, 187-96	2.9	16
25	Genetic evidence for central-marginal hypothesis in a Cenozoic relict tree species across its distribution in China. <i>Journal of Biogeography</i> , 2016 , 43, 2173-2185	4.1	16
24	Effect of water availability on the phenotypic expression of herbivore resistance in northern red oak seedlings (<i>Quercus rubra</i> L.). <i>Oecologia</i> , 1994 , 100, 309-315	2.9	14
23	Creating inclusive classrooms by engaging STEM faculty in culturally responsive teaching workshops. <i>International Journal of STEM Education</i> , 2020 , 7, 32	4	12
22	The relative contributions of seed and pollen dispersal to gene flow and genetic diversity in seedlings of a tropical palm. <i>Molecular Ecology</i> , 2018 , 27, 3159-3173	5.7	10
21	Diversity in insect seed parasite guilds at large geographical scale: the roles of host specificity and spatial distance. <i>Journal of Biogeography</i> , 2016 , 43, 1620-1630	4.1	10
20	Seedling response to water stress in valley oak (<i>Quercus lobata</i>) is shaped by different gene networks across populations. <i>Molecular Ecology</i> , 2019 , 28, 5248-5264	5.7	9
19	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> , 2018 , 45, 381-393	4.1	9

18	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> , 2018 , 19, 88	2.6	9
17	Experimental DNA Demethylation Associates with Changes in Growth and Gene Expression of Oak Tree Seedlings. <i>G3: Genes, Genomes, Genetics</i> , 2020 , 10, 1019-1028	3.2	8
16	Influence of a climatic gradient on genetic exchange between two oak species. <i>American Journal of Botany</i> , 2019 , 106, 864-878	2.7	7
15	Comparison of phylogeographical structures of a lichen-forming fungus and its green algal photobiont in western North America. <i>Journal of Biogeography</i> , 2016 , 43, 932-943	4.1	7
14	Effect of clonal reproduction on genetic structure in <i>Pentaclethra macroloba</i> (Fabaceae: Mimosoideae). <i>Revista De Biologia Tropical</i> , 2014 , 62, 443-54	1.3	6
13	Genomic landscape of the global oak phylogeny		6
12	Dry-washes determine gene flow and genetic diversity in a common desert shrub. <i>Landscape Ecology</i> , 2016 , 31, 2215-2229	4.3	6
11	Landscape genomics of <i>Quercus lobata</i> reveals genes involved in local climate adaptation at multiple spatial scales. <i>Molecular Ecology</i> , 2021 , 30, 406-423	5.7	6
10	ASSOCIATION BETWEEN ENVIRONMENTAL AND GENETIC HETEROGENEITY IN FOREST TREE POPULATIONS 2001 , 82, 2012		4
9	Isolation and characterization of polymorphic microsatellite loci in <i>Spondias radlkoferi</i> (Anacardiaceae). <i>Applications in Plant Sciences</i> , 2014 , 2, 1400079	2.3	3
8	VARIATION IN LEAF SHAPE IN A QUERCUS LOBATA COMMON GARDEN: TESTS FOR ADAPTATION TO CLIMATE AND PHYSIOLOGICAL CONSEQUENCES. <i>Madroño</i> , 2020 , 67,	0.4	2
7	High-quality genome and methylomes illustrate features underlying evolutionary success of oaks		2
6	Historical interactions are predicted to be disrupted under future climate change: The case of lace lichen and valley oak. <i>Journal of Biogeography</i> , 2019 , 46, 19-29	4.1	2
5	High-quality genome and methylomes illustrate features underlying evolutionary success of oaks.. <i>Nature Communications</i> , 2022 , 13, 2047	17.4	2
4	Lianas and Trees in a Liana Forest of Amazonian Bolivia ¹ . <i>Biotropica</i> , 2001 , 33, 34	2.3	1
3	Influence of Pliocene and Pleistocene climates on hybridization patterns between two closely related oak species in China. <i>Annals of Botany</i> , 2021 ,	4.1	1
2	Genome-Wide Variation in DNA Methylation Predicts Variation in Leaf Traits in an Ecosystem-Foundational Oak Species. <i>Forests</i> , 2021 , 12, 569	2.8	1
1	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> , 2021 ,	2.4	1

