

Victoria L Sork

List of Publications by Year in descending order

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109
papers

8,750
citations

47006

47
h-index

46799

89
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115
all docs

115
docs citations

115
times ranked

7810
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Pliocene and Pleistocene climates on hybridization patterns between two closely related oak species in China. <i>Annals of Botany</i> , 2022, 129, 231-245.	2.9	7
2	Landscape Genomics to Enable Conservation Actions: The California Conservation Genomics Project. <i>Journal of Heredity</i> , 2022, 113, 577-588.	2.4	59
3	High-quality genome and methylomes illustrate features underlying evolutionary success of oaks. <i>Nature Communications</i> , 2022, 13, 2047.	12.8	30
4	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.	3.9	30
5	Sharing and reporting benefits from biodiversity research. <i>Molecular Ecology</i> , 2021, 30, 1103-1107.	3.9	19
6	Genome-Wide Variation in DNA Methylation Predicts Variation in Leaf Traits in an Ecosystem-Foundational Oak Species. <i>Forests</i> , 2021, 12, 569.	2.1	8
7	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, 112, 663-670.	2.4	3
8	TIMING OF BUD BURST IS ASSOCIATED WITH CLIMATE OF MATERNAL ORIGIN IN QUERCUS LOBATA PROGENY IN A COMMON GARDEN. <i>Molecular Ecology</i> , 2021, 30, 1103-1107.	0.4	4
9	Genomic landscape of the global oak phylogeny. <i>New Phytologist</i> , 2020, 226, 1198-1212.	7.3	186
10	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.	1.8	11
11	Creating inclusive classrooms by engaging STEM faculty in culturally responsive teaching workshops. <i>International Journal of STEM Education</i> , 2020, 7, 32.	5.0	41
12	VARIATION IN LEAF SHAPE IN A QUERCUS LOBATA COMMON GARDEN: TESTS FOR ADAPTATION TO CLIMATE AND PHYSIOLOGICAL CONSEQUENCES. <i>Molecular Ecology</i> , 2020, 29, 1103-1107.	0.4	4
13	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.	3.9	19
14	Influence of a climatic gradient on genetic exchange between two oak species. <i>American Journal of Botany</i> , 2019, 106, 864-878.	1.7	7
15	Adaptational lag to temperature in valley oak (<i>Quercus lobata</i>) 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.	7.1	89
16	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.	3.0	3
17	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.	7.3	56
18	Applying landscape genomic tools to forest management and restoration of Hawaiian koa (<i>Acacia</i>)	3.1	45

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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.	3.0	16
20	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.	2.7	26
21	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.	3.9	33
22	Landscape genomics provides evidence of climate-associated genetic variation in Mexican populations of <i>Quercus rugosa</i> . <i>Evolutionary Applications</i> , 2018, 11, 1842-1858.	3.1	54
23	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.	3.9	26
24	Whole-transcriptome response to water stress in a California endemic oak, <i>Quercus lobata</i> . <i>Tree Physiology</i> , 2017, 37, 632-644.	3.1	37
25	Tropical insect diversity: evidence of greater host specialization in seed-feeding weevils. <i>Ecology</i> , 2017, 98, 2180-2190.	3.2	26
26	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.	2.0	50
27	Genomic Quantitative Genetics to Study Evolution in the Wild. <i>Trends in Ecology and Evolution</i> , 2017, 32, 897-908.	8.7	127
28	Genomic Studies of Local Adaptation in Natural Plant Populations. <i>Journal of Heredity</i> , 2017, 109, 3-15.	2.4	83
29	Impacts of human-induced environmental disturbances on hybridization between two ecologically differentiated Californian oak species. <i>New Phytologist</i> , 2017, 213, 942-955.	7.3	37
30	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.	3.0	12
31	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.	3.0	11
32	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.	3.0	25
33	Species-wide patterns of DNA methylation variation in <i>Quercus lobata</i> and their association with climate gradients. <i>Molecular Ecology</i> , 2016, 25, 1665-1680.	3.9	159
34	Epigenetics in ecology and evolution: what we know and what we need to know. <i>Molecular Ecology</i> , 2016, 25, 1631-1638.	3.9	229
35	First Draft Assembly and Annotation of the Genome of a California Endemic Oak <i>Quercus lobata</i> (Fagaceae). <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3485-3495.	1.8	95
36	Dry-washes determine gene flow and genetic diversity in a common desert shrub. <i>Landscape Ecology</i> , 2016, 31, 2215-2229.	4.2	6

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37	Evolutionary lessons from California plant phylogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8064-8071.	7.1	32
38	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.	1.7	44
39	Association of transcriptome-wide sequence variation with climate gradients in valley oak (<i>Quercus</i>) Tj ETQq1 1 0.784314 rgBT /Over	1.6	31
40	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.	1.7	93
41	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.	3.1	54
42	Evolutionary and demographic history of the Californian scrub white oak species complex: an integrative approach. <i>Molecular Ecology</i> , 2015, 24, 6188-6208.	3.9	50
43	Genome-wide signature of local adaptation linked to variable CpG methylation in oak populations. <i>Molecular Ecology</i> , 2015, 24, 3823-3830.	3.9	107
44	Impact of asymmetric male and female gamete dispersal on allelic diversity and spatial genetic structure in valley oak (<i>Quercus lobata</i>). <i>Evolutionary Ecology</i> , 2015, 29, 927-945.	1.2	25
45	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.	3.0	74
46	Evolutionary insights from de novo transcriptome assembly and SNP discovery in California white oaks. <i>BMC Genomics</i> , 2015, 16, 552.	2.8	31
47	Isolation and Characterization of Polymorphic Microsatellite Loci in <i>Spondias radlkoferi</i> (Anacardiaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1400079.	2.1	3
48	Phylogeography of <i>Ramalina menziesii</i> , a widely distributed lichen-forming fungus in western North America. <i>Molecular Ecology</i> , 2014, 23, 2326-2339.	3.9	32
49	Influence of climatic niche suitability and geographical overlap on hybridization patterns among southern Californian oaks. <i>Journal of Biogeography</i> , 2014, 41, 1895-1908.	3.0	50
50	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.	1.7	55
51	Efecto de la reproducción clonal en la estructura genética de <i>Pentaclethra macroloba</i> (Fabaceae:) Tj ETQq1 1 0.784314 rgBT /Over	0.4	9
52	Influence of late Quaternary climate change on present patterns of genetic variation in valley oak, <i>Quercus lobata</i> . <i>Molecular Ecology</i> , 2013, 22, 3598-3612.	3.9	127
53	A road map for molecular ecology. <i>Molecular Ecology</i> , 2013, 22, 2605-2626.	3.9	100
54	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, 2040-2051.	1.7	22

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55	Seed-mediated connectivity among fragmented populations of <i>Quercus castanea</i> (Fagaceae) in a Mexican landscape. <i>American Journal of Botany</i> , 2013, 100, 1663-1671.	1.7	36
56	Using Seedling and Pericarp Tissues to Determine Maternal Parentage of Dispersed Valley Oak Recruits. <i>Journal of Heredity</i> , 2012, 103, 250-259.	2.4	17
57	Use of Alpha, Beta, and Gamma Diversity Measures to Characterize Seed Dispersal by Animals. <i>American Naturalist</i> , 2012, 180, 719-732.	2.1	27
58	Influence of environmental heterogeneity on genetic diversity and structure in an endemic southern Californian oak. <i>Molecular Ecology</i> , 2012, 21, 3210-3223.	3.9	113
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.	4.1	44
60	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, 101-110.	2.0	44
61	Foraging patterns of acorn woodpeckers (<i>Melanerpes formicivorus</i>) on valley oak (<i>Quercus lobata</i>)	2.0	19
62	Influence of acorn woodpecker social behaviour on transport of coast live oak (<i>Quercus</i>)	4.0	27
63	Destination-based seed dispersal homogenizes genetic structure of a tropical palm. <i>Molecular Ecology</i> , 2010, 19, 1745-1753.	3.9	60
64	Gene movement and genetic association with regional climate gradients in California valley oak (<i>Quercus lobata</i>) in the face of climate change. <i>Molecular Ecology</i> , 2010, 19, 3806-3823.	3.9	208
65	Contributions of landscape genetics " approaches, insights, and future potential. <i>Molecular Ecology</i> , 2010, 19, 3489-3495.	3.9	110
66	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, 821-830.	1.7	73
67	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> , 2010, 260, 965-974.	3.2	24
68	Relative contribution of contemporary pollen and seed dispersal to the effective parental size of seedling population of California valley oak (<i>Quercus lobata</i>). <i>Molecular Ecology</i> , 2009, 18, 3967-3979.	3.9	67
69	Short distance pollen movement in a wind-pollinated tree, <i>Quercus lobata</i> (Fagaceae). <i>Forest Ecology and Management</i> , 2009, 258, 735-744.	3.2	64
70	Conserving the evolutionary potential of California valley oak (<i>Quercus lobata</i>): a multivariate genetic approach to conservation planning. <i>Molecular Ecology</i> , 2008, 17, 139-156.	3.9	71
71	Local genetic structure in a North American epiphytic lichen, <i>Ramalina menziesii</i> (Ramalinaceae). <i>American Journal of Botany</i> , 2008, 95, 568-576.	1.7	39
72	Genetic Variation in Fragmented Forest Stands of the Andean Oak <i>Quercus humboldtii</i> Bonpl. (Fagaceae). <i>Biotropica</i> , 2007, 39, 72-78.	1.6	30

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73	Hunting of Mammals Reduces Seed Removal and Dispersal of the Afrotropical Tree <i>Antrocaryon klaineana</i> (Anacardiaceae). <i>Biotropica</i> , 2007, 39, 340-347.	1.6	99
74	Contrasting patterns of historical colonization in white oaks (<i>Quercus</i> spp.) in California and Europe. <i>Molecular Ecology</i> , 2006, 15, 4085-4093.	3.9	89
75	Genetic analysis of landscape connectivity in tree populations. <i>Landscape Ecology</i> , 2006, 21, 821-836.	4.2	297
76	Mating Patterns of Black Oak <i>Quercus velutina</i> (Fagaceae) in a Missouri Oak-Hickory Forest. <i>Journal of Heredity</i> , 2006, 97, 451-455.	2.4	20
77	A novel approach to an old problem: tracking dispersed seeds. <i>Molecular Ecology</i> , 2005, 14, 3585-3595.	3.9	92
78	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, 262-271.	1.7	50
79	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, 252-261.	1.7	70
80	Using genetic markers to estimate the pollen dispersal curve. <i>Molecular Ecology</i> , 2004, 13, 937-954.	3.9	266
81	Within-population spatial synchrony in mast seeding of North American oaks. <i>Oikos</i> , 2004, 104, 156-164.	2.7	92
82	Measuring pollen flow in forest trees: an exposition of alternative approaches. <i>Forest Ecology and Management</i> , 2004, 197, 21-38.	3.2	188
83	Measuring mast seeding behavior: relationships among population variation, individual variation and synchrony. <i>Journal of Theoretical Biology</i> , 2003, 224, 107-114.	1.7	43
84	Dissecting components of population-level variation in seed production and the evolution of masting behavior. <i>Oikos</i> , 2003, 102, 581-591.	2.7	134
85	Fitness Consequences of Herbivory on <i>Quercus alba</i> . <i>American Midland Naturalist</i> , 2003, 150, 246-253.	0.4	23
86	Lianas and Trees in a Liana Forest of Amazonian Bolivia. <i>Biotropica</i> , 2001, 33, 34-47.	1.6	156
87	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, 260-271.	2.3	256
88	EVALUATING THE EFFECTS OF ECOSYSTEM MANAGEMENT: A CASE STUDY IN A MISSOURI OZARK FOREST. , 2001, 11, 1667-1679.		27
89	ASSOCIATION BETWEEN ENVIRONMENTAL AND GENETIC HETEROGENEITY IN FOREST TREE POPULATIONS. <i>Ecology</i> , 2001, 82, 2012-2021.	3.2	59
90	Lianas and Trees in a Liana Forest of Amazonian Bolivia. <i>Biotropica</i> , 2001, 33, 34.	1.6	27

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91	Association between Environmental and Genetic Heterogeneity in Forest Tree Populations. <i>Ecology</i> , 2001, 82, 2012.	3.2	4
92	Population Density as a Predictor of Genetic Variation for Woody Plant Species. <i>Conservation Biology</i> , 1999, 13, 1079-1087.	4.7	31
93	Landscape approaches to historical and contemporary gene flow in plants. <i>Trends in Ecology and Evolution</i> , 1999, 14, 219-224.	8.7	337
94	Population and genetic structure of the West African rain forest liana <i>Ancistrocladus korupensis</i> (Ancistrocladaceae). <i>American Journal of Botany</i> , 1997, 84, 1078-1091.	1.7	34
95	The impact of weed diversity on insect population dynamics and crop yield in collards, Brassica oleraceae (Brassicaceae). <i>Oecologia</i> , 1997, 111, 233-240.	2.0	70
96	Spatial genetic structure of a tropical understory shrub, <i>Psychotria officinalis</i> (Rubiaceae). <i>American Journal of Botany</i> , 1995, 82, 1420-1425.	1.7	823
97	Spatial Genetic Structure of a Tropical Understory Shrub, <i>Psychotria officinalis</i> (Rubiaceae). <i>American Journal of Botany</i> , 1995, 82, 1420.	1.7	573
98	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.	2.0	15
99	Ecology of Mast-Fruiting in Three Species of North American Deciduous Oaks. <i>Ecology</i> , 1993, 74, 528-541.	3.2	400
100	Evidence for Local Adaptation in Closely Adjacent Subpopulations of Northern Red Oak (<i>Quercus</i>)	2.1	149
101	FITNESS CONSEQUENCES OF MIXED DONOR POLLEN LOADS IN THE ANNUAL LEGUME <i>CHAMAECRISTA FASCICULATA</i> . <i>American Journal of Botany</i> , 1992, 79, 508-515.	1.7	28
102	The Ecology of Terrestrial Plant- Animal Interactions. <i>Ecology</i> , 1988, 69, 2035-2035.	3.2	0
103	EFFECT OF CROSSING DISTANCE AND MALE PARENT ON IN VIVO POLLEN TUBE GROWTH IN <i>CHAMAECRISTA FASCICULATA</i> . <i>American Journal of Botany</i> , 1988, 75, 1898-1903.	1.7	51
104	Effects of Predation and Light on Seedling Establishment in <i>Gustavia Superba</i> . <i>Ecology</i> , 1987, 68, 1341-1350.	3.2	161
105	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.	3.2	115
106	Utilization of red oak acorns in non-bumper crop year. <i>Oecologia</i> , 1983, 59, 49-53.	2.0	23
107	Mammalian Seed Dispersal of Pignut Hickory during Three Fruiting Seasons. <i>Ecology</i> , 1983, 64, 1049-1056.	3.2	43
108	Phenological Properties of Wind- and Insect-Pollinated Prairie Plants. <i>Ecology</i> , 1981, 62, 49-56.	3.2	102

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109	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.	2.0	36