

Donald K Price

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,675
citations

411340

20
h-index

371746

37
g-index

46
all docs

46
docs citations

46
times ranked

2445
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread introgression across a phylogeny of 155 <i>Drosophila</i> genomes. <i>Current Biology</i> , 2022, 32, 111-123.e5.	1.8	132
2	Phenotypic disruption of cuticular hydrocarbon production in hybrids between sympatric species of Hawaiian picture-wing <i>Drosophila</i> . <i>Scientific Reports</i> , 2022, 12, 4865.	1.6	2
3	Highly contiguous assemblies of 101 drosophilid genomes. <i>ELife</i> , 2021, 10, .	2.8	108
4	A Brief Assessment of <i>Drosophila suzukii</i> (Diptera: Drosophilidae) Abundance in Forest and Non-Forested Habitats Across an Altitude Gradient on Mauna Loa, Hawai'i. <i>Pacific Science</i> , 2021, 75, .	0.2	0
5	Analysis of Genomic Sequence Data Reveals the Origin and Evolutionary Separation of Hawaiian Hoary Bat Populations. <i>Genome Biology and Evolution</i> , 2020, 12, 1504-1514.	1.1	9
6	Population genomic and phenotype diversity of invasive <i>Drosophila suzukii</i> in Hawai'i. <i>Biological Invasions</i> , 2020, 22, 1753-1770.	1.2	14
7	A Whole-Genome Scan for Association with Invasion Success in the Fruit Fly <i>Drosophila suzukii</i> Using Contrasts of Allele Frequencies Corrected for Population Structure. <i>Molecular Biology and Evolution</i> , 2020, 37, 2369-2385.	3.5	57
8	Varieties of the highly dispersible and hypervariable tree, <i>Metrosideros polymorpha</i> , differ in response to mechanical stress and light across a sharp ecotone. <i>American Journal of Botany</i> , 2019, 106, 1106-1115.	0.8	17
9	Horizontal Transfer of Bacterial Cytolethal Distending Toxin B Genes to Insects. <i>Molecular Biology and Evolution</i> , 2019, 36, 2105-2110.	3.5	36
10	Reproductive Capacity Evolves in Response to Ecology through Common Changes in Cell Number in Hawaiian <i>Drosophila</i> . <i>Current Biology</i> , 2019, 29, 1877-1884.e6.	1.8	18
11	Multiple colonizations, hybridization and uneven diversification in <i>Cyrtandra</i> (<i>Gesneriaceae</i>) lineages on Hawai'i Island. <i>Journal of Biogeography</i> , 2019, 46, 1178-1196.	1.4	20
12	Hawaiian picture-winged <i>Drosophila</i> exhibit adaptive population divergence along a narrow climatic gradient on Hawaii Island. <i>Ecology and Evolution</i> , 2019, 9, 2436-2448.	0.8	7
13	Male courtship behaviors and female choice reduced during experimental starvation stress. <i>Behavioral Ecology</i> , 2019, 30, 231-239.	1.0	8
14	Deciphering the routes of invasion of <i>Drosophila suzukii</i> by means of ABC random forest. <i>Molecular Biology and Evolution</i> , 2017, 34, msx050.	3.5	132
15	A Test for Gene Flow among Sympatric and Allopatric Hawaiian Picture-Winged <i>Drosophila</i> . <i>Journal of Molecular Evolution</i> , 2017, 84, 259-266.	0.8	5
16	Incipient ecological speciation between successional varieties of a dominant tree involves intrinsic postzygotic isolating barriers. <i>Ecology and Evolution</i> , 2017, 7, 2501-2512.	0.8	27
17	Bluespine unicornfish (<i>Naso unicornis</i>) are both natural control agents and mobile vectors for invasive algae in a Hawaiian Marine Reserve. <i>Marine Biology</i> , 2017, 164, 1.	0.7	8
18	Mapping Genomic Scaffolds to Chromosomes Using Laser Capture Microdissection in Application to Hawaiian Picture-Winged <i>Drosophila</i> . <i>Cytogenetic and Genome Research</i> , 2017, 152, 204-212.	0.6	3

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19	Community assembly on isolated islands: macroecology meets evolution. <i>Global Ecology and Biogeography</i> , 2016, 25, 769-780.	2.7	62
20	Genomic Signatures of Speciation in Sympatric and Allopatric Hawaiian Picture-Winged <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 1482-1488.	1.1	21
21	Physiological effects of heat stress on Hawaiian picture-wing <i>Drosophila</i> : genome-wide expression patterns and stress-related traits. , 2015, 3, cou062.		7
22	Rapid adaptive radiation and host plant conservation in the Hawaiian picture wing <i>Drosophila</i> (Diptera: Drosophilidae). <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 226-242.	1.2	40
23	Postzygotic barriers isolate sympatric species of <i>Cyrtandra</i> (Gesneriaceae) in Hawaiian montane forest understories. <i>American Journal of Botany</i> , 2015, 102, 1870-1882.	0.8	26
24	New set of microsatellite markers for the spotted-wing <i>Drosophila suzukii</i> (Diptera: Drosophilidae): A promising molecular tool for inferring the invasion history of this major insect pest. <i>European Journal of Entomology</i> , 2015, 112, 855-859.	1.2	17
25	Incipient radiation within the dominant Hawaiian tree <i>Metrosideros polymorpha</i> . <i>Heredity</i> , 2014, 113, 334-342.	1.2	51
26	Sexual Selection, Epistasis and Species Boundaries in Sympatric Hawaiian Picture-winged <i>Drosophila</i> . <i>Journal of Insect Behavior</i> , 2014, 27, 27-40.	0.4	4
27	Postharvest Irradiation Treatment for Quarantine Control of <i>Drosophila suzukii</i> (Diptera: Drosophilidae) in Fresh Commodities. <i>Journal of Economic Entomology</i> , 2014, 107, 964-969.	0.8	34
28	Potential use of low-copy nuclear genes in DNA barcoding: a comparison with plastid genes in two Hawaiian plant radiations. <i>BMC Evolutionary Biology</i> , 2013, 13, 35.	3.2	36
29	Gene discordance in phylogenomics of recent plant radiations, an example from Hawaiian <i>Cyrtandra</i> (Gesneriaceae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 293-298.	1.2	17
30	Patterns and processes in complex landscapes: testing alternative biogeographical hypotheses through integrated analysis of phylogeography and community ecology in Hawai'i. <i>Molecular Ecology</i> , 2013, 22, 3613-3628.	2.0	11
31	New species of Hawaiian picture wing <i>Drosophila</i> (Diptera: Drosophilidae), with a key to species. <i>Zootaxa</i> , 2012, 3188, 1.	0.2	11
32	Population structure and genetic diversity in two species of Hawaiian picture-winged <i>Drosophila</i> . <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 1173-1180.	1.2	5
33	Polymorphic microsatellites in <i>Branta</i> , the endangered Hawaiian goose (<i>Branta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.2	10
34	Quantitative trait locus analyses and the study of evolutionary process. <i>Molecular Ecology</i> , 2004, 13, 2505-2522.	2.0	144
35	Age- and sex-distribution of the mutation load. <i>Genetica</i> , 1999, 106, 251-262.	0.5	28
36	How does offspring quality change with age in male <i>Drosophila melanogaster</i> ?. <i>Behavior Genetics</i> , 1998, 28, 395-402.	1.4	55

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37	Inheritance of behavioural differences between two interfertile, sympatric species, <i>Drosophila silvestris</i> and <i>D. heteroneura</i> . <i>Heredity</i> , 1998, 80, 642-650.	1.2	28
38	Behavioral reproductive isolation in <i>Drosophila silvestris</i> , <i>D. heteroneura</i> , and their F1 hybrids (Diptera: Drosophilidae). <i>Journal of Insect Behavior</i> , 1995, 8, 595-616.	0.4	45
39	Good genes and old age: Do old mates provide superior genes?. <i>Journal of Evolutionary Biology</i> , 1995, 8, 759-778.	0.8	184
40	Constraints on the Evolution of Attractive Traits: Selection in Male and Female Zebra Finches. <i>American Naturalist</i> , 1994, 144, 908-934.	1.0	118
41	Bill Color, Reproduction and Condition Effects in Wild and Domesticated Zebra Finches. <i>Auk</i> , 1992, 109, 13-23.	0.7	90