Donald K Price

List of Publications by Year
in descending order

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Version: 2024-02-01

41 papers	1,675 citations	361413 20 h-index	330143 37 g-index
46 all docs	46 docs citations	46 times ranked	2195 citing authors

#	Article	IF	Citations
1	Good genes and old age: Do old mates provide superior genes?. Journal of Evolutionary Biology, 1995, 8, 759-778.	1.7	184
2	Quantitative trait locus analyses and the study of evolutionary process. Molecular Ecology, 2004, 13, 2505-2522.	3.9	144
3	Deciphering the routes of invasion of Drosophila suzukii by means of ABC random forest. Molecular Biology and Evolution, 2017, 34, msx050.	8.9	132
4	Widespread introgression across a phylogeny of 155 Drosophila genomes. Current Biology, 2022, 32, 111-123.e5.	3.9	132
5	Constraints on the Evolution of Attractive Traits: Selection in Male and Female Zebra Finches. American Naturalist, 1994, 144, 908-934.	2.1	118
6	Highly contiguous assemblies of 101 drosophilid genomes. ELife, 2021, 10, .	6.0	108
7	Bill Color, Reproduction and Condition Effects in Wild and Domesticated Zebra Finches. Auk, 1992, 109, 13-23.	1.4	90
8	Community assembly on isolated islands: macroecology meets evolution. Global Ecology and Biogeography, 2016, 25, 769-780.	5.8	62
9	A Whole-Genome Scan for Association with Invasion Success in the Fruit Fly Drosophila suzukii Using Contrasts of Allele Frequencies Corrected for Population Structure. Molecular Biology and Evolution, 2020, 37, 2369-2385.	8.9	57
10	How does offspring quality change with age in male Drosophila melanogaster?. Behavior Genetics, 1998, 28, 395-402.	2.1	55
11	Incipient radiation within the dominant Hawaiian tree Metrosideros polymorpha. Heredity, 2014, 113, 334-342.	2.6	51
12	Behavioral reproductive isolation inDrosophila silvestris, D. heteroneura, and their F1 hybrids (Diptera: Drosophilidae). Journal of Insect Behavior, 1995, 8, 595-616.	0.7	45
13	Rapid adaptive radiation and host plant conservation in the Hawaiian picture wing Drosophila (Diptera: Drosophilidae). Molecular Phylogenetics and Evolution, 2015, 92, 226-242.	2.7	40
14	Potential use of low-copy nuclear genes in DNA barcoding: a comparison with plastid genes in two Hawaiian plant radiations. BMC Evolutionary Biology, 2013, 13, 35.	3.2	36
15	Horizontal Transfer of Bacterial Cytolethal Distending Toxin B Genes to Insects. Molecular Biology and Evolution, 2019, 36, 2105-2110.	8.9	36
16	Postharvest Irradiation Treatment for Quarantine Control of <I>Drosophila suzukii</I> (Diptera: Drosophilidae) in Fresh Commodities. Journal of Economic Entomology, 2014, 107, 964-969.	1.8	34
17	Inheritance of behavioural differences between two interfertile, sympatric species, Drosophila silvestris and D. heteroneura. Heredity, 1998, 80, 642-650.	2.6	28
18	Age- and sex-distribution of the mutation load. Genetica, 1999, 106, 251-262.	1.1	28

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19	Incipient ecological speciation between successional varieties of a dominant tree involves intrinsic postzygotic isolating barriers. Ecology and Evolution, 2017, 7, 2501-2512.	1.9	27
20	Postzygotic barriers isolate sympatric species of Cyrtandra (Gesneriaceae) in Hawaiian montane forest understories. American Journal of Botany, 2015, 102, 1870-1882.	1.7	26
21	Genomic Signatures of Speciation in Sympatric and Allopatric Hawaiian Picture-WingedDrosophila. Genome Biology and Evolution, 2016, 8, 1482-1488.	2.5	21
22	Multiple colonizations, hybridization and uneven diversification in Cyrtandra (Gesneriaceae) lineages on Hawai'i Island. Journal of Biogeography, 2019, 46, 1178-1196.	3.0	20
23	Reproductive Capacity Evolves in Response to Ecology through Common Changes in Cell Number in Hawaiian Drosophila. Current Biology, 2019, 29, 1877-1884.e6.	3.9	18
24	Gene discordance in phylogenomics of recent plant radiations, an example from Hawaiian Cyrtandra (Gesneriaceae). Molecular Phylogenetics and Evolution, 2013, 69, 293-298.	2.7	17
25	Varieties of the highly dispersible and hypervariable tree, Metrosideros polymorpha , differ in response to mechanical stress and light across a sharp ecotone. American Journal of Botany, 2019, 106, 1106-1115.	1.7	17
26	New set of microsatellite markers for the spotted-wing Drosophila suzukii (Diptera: Drosophilidae): A promising molecular tool for inferring the invasion history of this major insect pest. European Journal of Entomology, 2015, 112, 855-859.	1.2	17
27	Population genomic and phenotype diversity of invasive Drosophila suzukii in Hawaiâ€˜i. Biological Invasions, 2020, 22, 1753-1770.	2.4	14
28	New species of Hawaiian picture wing Drosophila (Diptera: Drosophilidae), with a key to species. Zootaxa, 2012, 3188, 1.	0.5	11
29	Patterns and processes in complex landscapes: testing alternative biogeographical hypotheses through integrated analysis of phylogeography and community ecology in Hawai'i. Molecular Ecology, 2013, 22, 3613-3628.	3.9	11
30	Analysis of Genomic Sequence Data Reveals the Origin and Evolutionary Separation of Hawaiian Hoary Bat Populations. Genome Biology and Evolution, 2020, 12, 1504-1514.	2.5	9
31	Bluespine unicornfish (Naso unicornis) are both natural control agents and mobile vectors for invasive algae in a Hawaiian Marine Reserve. Marine Biology, 2017, 164, 1.	1.5	8
32	Male courtship behaviors and female choice reduced during experimental starvation stress. Behavioral Ecology, 2019, 30, 231-239.	2.2	8
33	Physiological effects of heat stress on Hawaiian picture-wingDrosophila: genome-wide expression patterns and stress-related traits. , 2015, 3, cou062.		7
34	Hawaiian pictureâ€winged Drosophila exhibit adaptive population divergence along a narrow climatic gradient on Hawaii Island. Ecology and Evolution, 2019, 9, 2436-2448.	1.9	7
35	Population structure and genetic diversity in two species of Hawaiian picture-winged Drosophila. Molecular Phylogenetics and Evolution, 2008, 47, 1173-1180.	2.7	5
36	A Test for Gene Flow among Sympatric and Allopatric Hawaiian Picture-Winged Drosophila. Journal of Molecular Evolution, 2017, 84, 259-266.	1.8	5

#	Article	IF	Citations
37	Sexual Selection, Epistasis and Species Boundaries in Sympatric Hawaiian Picture-winged Drosophila. Journal of Insect Behavior, 2014, 27, 27-40.	0.7	4
38	Mapping Genomic Scaffolds to Chromosomes Using Laser Capture Microdissection in Application to Hawaiian Picture-Winged Drosophila. Cytogenetic and Genome Research, 2017, 152, 204-212.	1.1	3
39	Polymorphic microsatellites in nÄ“nÄ“, the endangered Hawaiian goose (Branta) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	4.8	2
40	Phenotypic disruption of cuticular hydrocarbon production in hybrids between sympatric species of Hawaiian picture-wing Drosophila. Scientific Reports, 2022, 12, 4865.	3.3	2
41	A Brief Assessment of Drosophila suzukii (Diptera: Drosophilidae) Abundance in Forest and Non-Forested Habitats Across an Altitude Gradient on Mauna Loa, Hawaiâ€˜i. Pacific Science, 2021, 75, .	0.6	0