Ken N Paige

List of Publications by Year
in descending order

52 papers	3,393 citations	218677 26 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	3480 citing authors

#	Article	IF	Citations
1	Overcompensation in Response to Mammalian Herbivory: The Advantage of Being Eaten. American Naturalist, 1987, 129, 407-416.	2.1	586
2	Tracking the Long-Term Decline and Recovery of an Isolated Population. , 1998, 282, 1695-1698.		565
3	Ice-age endurance: DNA evidence of a white spruce refugium in Alaska. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12447-12450.	7.1	227
4	Inbreeding Depression, Environmental Stress, and Population Size Variation in Scarlet Gilia (Ipomopsis) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.7	203
5	Overcompensation in Response to Mammalian Herbivory: From Mutulastic to Antagonistic Interactions. Ecology, 1992, 73, 2076-2085.	3.2	162
6	Surviving the ice: Northern refugia and postglacial colonization. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10355-10359.	7.1	153
7	Plasticity in ploidy: a generalized response to stress. Trends in Plant Science, 2015, 20, 165-175.	8.8	120
8	Genetic Evaluation of a Demographic Bottleneck in the Greater Prairie Chicken. Conservation Biology, 1998, 12, 836-843.	4.7	114
9	Regrowth following ungulate herbivory in Ipomopsis aggregata : geographic evidence for overcompensation. Oecologia, 1999, 118, 316-323.	2.0	113
10	Landscape scale genetic effects of habitat fragmentation on a high gene flow species: Speyeria idalia (Nymphalidae). Molecular Ecology, 2002, 12, 11-20.	3.9	86
11	THE EFFECTS OF HOSTâ€PLANT GENOTYPE, HYBRIDIZATION, AND ENVIRONMENT ON GALLâ€APHID ATTACK AND SURVIVAL IN COTTONWOOD: THE IMPORTANCE OF GENETIC STUDIES AND THE UTILITY OF RFLPS. Evolution; International Journal of Organic Evolution, 1993, 47, 36-45.	2.3	77
12	MITOCHONDRIAL INHERITANCE PATTERNS ACROSS A COTTONWOOD HYBRID ZONE: CYTONUCLEAR DISEQUILIBRIA AND HYBRID ZONE DYNAMICS. Evolution; International Journal of Organic Evolution, 1991, 45, 1360-1369.	2.3	68
13	Herbivory and Ipomopsis aggregata: Differences in Response, Differences in Experimental Protocol: A Reply to Bergelson and Crawley. American Naturalist, 1994, 143, 739-749.	2.1	66
14	Segregating Variation in the Transcriptome: Cis Regulation and Additivity of Effects. Genetics, 2006, 173, 1347-1355.	2.9	63
15	A Genomewide Assessment of Inbreeding Depression: Gene Number, Function, and Mode of Action. Conservation Biology, 2009, 23, 920-930.	4.7	61
16	Flexible Life History Traits: Shifts by Scarlet Gilia in Response to Pollinator Abundance. Ecology, 1987, 68, 1691-1695.	3.2	53
17	The Functional Genomics of Inbreeding Depression: A New Approach to an Old Problem. BioScience, 2010, 60, 267-277.	4.9	43
18	Plasticity in ploidy underlies plant fitness compensation to herbivore damage. Molecular Ecology, 2014, 23, 4862-4870.	3.9	40

#	Article	IF	Citations
19	Overcompensation: a 30â€year perspective. Ecology, 2019, 100, e02667.	3.2	39
20	Overcompensation in Response to Herbivory in <i>Arabidopsis thaliana</i>: The Role of Glucose-6-Phosphate Dehydrogenase and the Oxidative Pentose-Phosphate Pathway. Genetics, 2013, 195, 589-598.	2.9	38
21	Population genetic structure of Blanding's turtles (Emydoidea blandingii) in an urban landscape. Biological Conservation, 2001, 99, 323-330.	4.1	37
22	Comparative phylogeography of eastern chipmunks and white-footed mice in relation to the individualistic nature of species. Molecular Ecology, 2006, 15, 4003-4020.	3.9	36
23	Candidate Genes Detected in Transcriptome Studies Are Strongly Dependent on Genetic Background. PLoS ONE, 2011, 6, e15644.	2.5	36
24	DIRECT AND INDIRECT EFFECTS OF DROUGHT ON COMPENSATION FOLLOWING HERBIVORY IN SCARLET GILIA. Ecology, 2004, 85, 3185-3191.	3.2	34
25	Genetic Evaluation of a Demographic Bottleneck in the Greater Prairie Chicken. Conservation Biology, 1998, 12, 836-843.	4.7	33
26	Rates of genomic divergence in humans, chimpanzees and their lice. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132174.	2.6	29
27	Genetic variation among populations of the Antarctic toothfish: evolutionary insights and implications for conservation. Polar Biology, 2002, 25, 256-261.	1.2	28
28	Chromosomal plasticity: mitigating the impacts of herbivory. Ecology, 2011, 92, 1691-1698.	3.2	28
29	Phylogeographic History of White Spruce During the Last Glacial Maximum: Uncovering Cryptic Refugia. Journal of Heredity, 2011, 102, 207-216.	2.4	25
30	Overcompensation through the paternal component of fitness in Ipomopsis arizonica. Oecologia, 2001, 128, 72-76.	2.0	24
31	Molecular constraints on resistanceâ€"tolerance tradeâ€offs. Ecology, 2017, 98, 2528-2537.	3.2	22
32	Multiple herbivores and coevolutionary interactions in an Ipomopsis hybrid swarm. Evolutionary Ecology, 2003, 17, 139-156.	1.2	20
33	Elevated CO2 and herbivory influence trait integration in Arabidopsis thaliana. Ecology Letters, 2004, 7, 837-847.	6.4	19
34	The effects of fire on scarlet gilia: an alternative selection pressure to herbivory?. Oecologia, 1992, 92, 229-235.	2.0	18
35	Can endopolyploidy explain body size variation within and between castes in ants?. Ecology and Evolution, 2013, 3, 2128-2137.	1.9	17
36	Overcompensation, environmental stress, and the role of endoreduplication. American Journal of Botany, 2018, 105, 1105-1108.	1.7	17

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37	Belowground fungal associations and water interact to influence the compensatory response of Ipomopsis aggregata. Oecologia, 2016, 180, 463-474.	2.0	13
38	Highly polymorphic microsatellite loci for Speyeria idalia (Lepidoptera: Nymphalidae). Molecular Ecology Notes, 2002, 2, 87-88.	1.7	11
39	The role of invertases in plant compensatory responses to simulated herbivory. BMC Plant Biology, 2015, 15, 278.	3.6	11
40	Organ-specific patterns of endopolyploidy in the giant ant Dinoponera australis. Journal of Hymenoptera Research, 0, 37, 113-126.	0.8	9
41	Characterization of Arabidopsis thaliana regrowth patterns suggests a trade-off between undamaged fitness and damage tolerance. Oecologia, 2017, 184, 643-652.	2.0	8
42	Individual and interactive effects of herbivory on plant fitness: endopolyploidy as a driver of genetic variation in tolerance and resistance. Oecologia, 2019, 190, 847-856.	2.0	7
43	Inbreeding Depression in Scarlet Gilia: A Reply to Ouborg and Van Groenendael. Conservation Biology, 1996, 10, 1292-1294.	4.7	6
44	An assessment of the molecular mechanisms contributing to tolerance to apical damage in natural populations of Arabidopsis thaliana. Plant Ecology, 2017, 218, 265-276.	1.6	6
45	Herbivory and Soil Water Availability Induce Changes in Arbuscular Mycorrhizal Fungal Abundance and Composition. Microbial Ecology, 2022, 84, 141-152.	2.8	6
46	Transcriptomics of plant responses to apical damage reveals no negative correlation between tolerance and defense. Plant Ecology, 2015, 216, 1177-1190.	1.6	4
47	A Second Record of Typhlichthys subterraneus (Pisces: Amblyopsidae) from Arkansas. Southwestern Naturalist, 1981, 26, 67.	0.1	3
48	Dietary antioxidant vitamin C influences the evolutionary path of insecticide resistance in Drosophila melanogaster. Pesticide Biochemistry and Physiology, 2020, 168, 104631.	3.6	3
49	Heritable variation in the inflorescence replacement program of Arabidopsis thaliana. Theoretical and Applied Genetics, 2009, 119, 1461-1476.	3.6	2
50	Evaluating the genome-wide impacts of species translocations: the greater prairie-chicken as a case study. Conservation Genetics, 0, , 1.	1.5	2
51	A Broadband Ultrasonic Field Detector for Monitoring Bat Cries. Journal of Wildlife Management, 1985, 49, 11.	1.8	1
52	ECOLOGY AND GENETICS OF AN ISOLATED POPULATION OF SWAINSON'S HAWKS IN ILLINOIS. Journal of Raptor Research, 2006, 40, 270-276.	0.6	1