

Steven T Kalinowski

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

10,301
citations

236612

25
h-index

214527

47
g-index

47
all docs

47
docs citations

47
times ranked

11163
citing authors

#	ARTICLE	IF	CITATIONS
1	Revising how the computer program cervus accommodates genotyping error increases success in paternity assignment. <i>Molecular Ecology</i> , 2007, 16, 1099-1106.	2.0	4,426
2	hp-rare 1.0: a computer program for performing rarefaction on measures of allelic richness. <i>Molecular Ecology Notes</i> , 2005, 5, 187-189.	1.7	1,933
3	ml-relate: a computer program for maximum likelihood estimation of relatedness and relationship. <i>Molecular Ecology Notes</i> , 2006, 6, 576-579.	1.7	782
4	Inbreeding Depression in Conservation Biology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2000, 31, 139-162.	6.7	755
5	Counting Alleles with Rarefaction: Private Alleles and Hierarchical Sampling Designs. <i>Conservation Genetics</i> , 2004, 5, 539-543.	0.8	573
6	Maximum likelihood estimation of the frequency of null alleles at microsatellite loci. <i>Conservation Genetics</i> , 2006, 7, 991-995.	0.8	260
7	Hybridization rapidly reduces fitness of a native trout in the wild. <i>Biology Letters</i> , 2009, 5, 328-331.	1.0	254
8	Evolutionary and statistical properties of three genetic distances. <i>Molecular Ecology</i> , 2002, 11, 1263-1273.	2.0	131
9	Relationship of Effective to Census Size in Fluctuating Populations. <i>Conservation Biology</i> , 2002, 16, 129-136.	2.4	114
10	Sex-biased natal dispersal and inbreeding avoidance in American black bears as revealed by spatial genetic analyses. <i>Molecular Ecology</i> , 2008, 17, 4713-4723.	2.0	96
11	No Inbreeding Depression Observed in Mexican and Red Wolf Captive Breeding Programs. <i>Conservation Biology</i> , 1999, 13, 1371-1377.	2.4	85
12	The changing anthropogenic diets of American black bears over the past century in Yosemite National Park. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 107-114.	1.9	81
13	Genetic connectivity for two bear species at wildlife crossing structures in Banff National Park. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20131705.	1.2	79
14	Determinants of male reproductive success in American black bears. <i>Behavioral Ecology and Sociobiology</i> , 2009, 64, 125-134.	0.6	76
15	Landscape influences on genetic differentiation among bull trout populations in a stream-lake network. <i>Molecular Ecology</i> , 2010, 19, 3620-3633.	2.0	54
16	hw-quickcheck: an easy-to-use computer program for checking genotypes for agreement with Hardy-Weinberg expectations. <i>Molecular Ecology Notes</i> , 2006, 6, 974-979.	1.7	47
17	Misconceptions Yesterday, Today, and Tomorrow. <i>CBE Life Sciences Education</i> , 2014, 13, 179-186.	1.1	46
18	Genetic Stock Identification of Steelhead in the Columbia River Basin: An Evaluation of Different Molecular Markers. <i>North American Journal of Fisheries Management</i> , 2004, 24, 672-685.	0.5	40

#	ARTICLE	IF	CITATIONS
19	Patterns of relatedness and parentage in an asocial, polyandrous striped hyena population. <i>Molecular Ecology</i> , 2007, 16, 4356-4369.	2.0	38
20	Nothing in Evolution Makes Sense Except in the Light of DNA. <i>CBE Life Sciences Education</i> , 2010, 9, 87-97.	1.1	36
21	Individual Identification and Distribution of Genotypic Differences Between Individuals. <i>Journal of Wildlife Management</i> , 2006, 70, 1148-1150.	0.7	32
22	Development and Validation of the Conceptual Assessment of Natural Selection (CANS). <i>CBE Life Sciences Education</i> , 2016, 15, ar64.	1.1	30
23	Using DNA from non-invasive samples to identify individuals and census populations: an evidential approach tolerant of genotyping errors. <i>Conservation Genetics</i> , 2006, 7, 319-329.	0.8	27
24	Founding population size of an aquatic invasive species. <i>Conservation Genetics</i> , 2010, 11, 2049-2053.	0.8	27
25	Evaluation of noninvasive genetic sampling methods for cougars in Yellowstone National Park. <i>Journal of Wildlife Management</i> , 2011, 75, 612-622.	0.7	27
26	Six Classroom Exercises to Teach Natural Selection to Undergraduate Biology Students. <i>CBE Life Sciences Education</i> , 2013, 12, 483-493.	1.1	23
27	Genetic diversity in the Snake River sockeye salmon captive broodstock program as estimated from broodstock records. <i>Conservation Genetics</i> , 2012, 13, 1183-1193.	0.8	21
28	Evidence of Local Adaptation in Westslope Cutthroat Trout. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 872-880.	0.6	20
29	“Are Humans Evolving?” A Classroom Discussion to Change Student Misconceptions Regarding Natural Selection. <i>Evolution: Education and Outreach</i> , 2011, 4, 456-466.	0.3	19
30	Genetic variation in westslope cutthroat trout <i>Oncorhynchus clarkii lewisi</i> : implications for conservation. <i>Conservation Genetics</i> , 2011, 12, 1513-1523.	0.8	18
31	Twelve microsatellite loci for lake trout (<i>Salvelinus namaycush</i>). <i>Molecular Ecology Resources</i> , 2009, 9, 871-873.	2.2	14
32	Development and validation of a scientific (formal) reasoning test for college students. <i>Journal of Research in Science Teaching</i> , 2019, 56, 1269-1284.	2.0	14
33	Microsatellites indicate minimal barriers to mule deer <i>Odocoileus hemionus</i> dispersal across Montana, USA. <i>Wildlife Biology</i> , 2013, 19, 102-110.	0.6	12
34	Taxonomic identity of the endangered Snake River physa, <i>Physa natricina</i> (Pulmonata: Physidae) combining traditional and molecular techniques. <i>Conservation Genetics</i> , 2013, 14, 159-169.	0.8	9
35	How to use SNPs and other diagnostic diallelic genetic markers to identify the species composition of multi-species hybrids. <i>Conservation Genetics Resources</i> , 2010, 2, 63-66.	0.4	8
36	Are Africans, Europeans, and Asians Different “Races”? A Guided-Inquiry Lab for Introducing Undergraduate Students to Genetic Diversity and Preparing Them to Study Natural Selection. <i>CBE Life Sciences Education</i> , 2012, 11, 142-151.	1.1	8

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37	Genetic Status and Conservation of Westslope Cutthroat Trout in Glacier National Park. Transactions of the American Fisheries Society, 2016, 145, 1093-1109.	0.6	8
38	How Are Humans Related to Other Primates?: A Guided Inquiry Laboratory for Undergraduate Students. Genetics, 2006, 172, 1379-1383.	1.2	7
39	Twelve tetranucleotide microsatellite loci for westslope cutthroat trout <i>Oncorhynchus clarki lewisi</i> (Salmonidae). Conservation Genetics Resources, 2009, 1, 249-251.	0.4	7
40	Juvenile Movement among Different Populations of Cutthroat Trout Introduced as Embryos to Vacant Habitat. North American Journal of Fisheries Management, 2013, 33, 795-805.	0.5	7
41	Performance of Juvenile Cutthroat Trout Translocated as Embryos from Five Populations into a Common Habitat. North American Journal of Fisheries Management, 2016, 36, 926-941.	0.5	7
42	Can Random Mutation Mimic Design?: A Guided Inquiry Laboratory for Undergraduate Students. Genetics, 2006, 174, 1073-1079.	1.2	6
43	Effects of Hybridization between Nonnative Rainbow Trout and Native Westslope Cutthroat Trout on Fitness-Related Traits. Transactions of the American Fisheries Society, 2015, 144, 1275-1291.	0.6	3
44	A Graphical Method for Displaying the Model Fit of Item Response Theory Trace Lines. Educational and Psychological Measurement, 2019, 79, 1064-1074.	1.2	3
45	Abiotic conditions are unlikely to mediate hybridization between invasive rainbow trout and native Yellowstone cutthroat trout in a high-elevation metapopulation. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1433-1445.	0.7	3
46	Population Viability of Arctic Grayling in the Gibbon River, Yellowstone National Park. North American Journal of Fisheries Management, 2010, 30, 1582-1590.	0.5	1