Brian K Hand

List of Publications by Year
in descending order

31 papers	1,326 citations	361045 20 h-index	433756 31 g-index
32 all docs	32 docs citations	32 times ranked	2128 citing authors

#	Article	IF	Citations
1	Global genetic diversity status and trends: towards a suite of Essential Biodiversity Variables (<scp>EBVs</scp>) for genetic composition. Biological Reviews, 2022, 97, 1511-1538.	4.7	73
2	A framework to integrate innovations in invasion science for proactive management. Biological Reviews, 2022, 97, 1712-1735.	4.7	17
3	Landscape Connectivity and Genetic Structure in a Mainstem and a Tributary Stonefly (Plecoptera) Species Using a Novel Reference Genome. Journal of Heredity, 2022, 113, 453-471.	1.0	1
4	Detecting population declines via monitoring the effective number of breeders (N_b). Molecular Ecology Resources, 2021, 21, 379-393.	2.2	24
5	Macrogenetic studies must not ignore limitations of genetic markers and scale. Ecology Letters, 2021, 24, 1282-1284.	3.0	27
6	Big Data in Conservation Genomics: Boosting Skills, Hedging Bets, and Staying Current in the Field. Journal of Heredity, 2021, 112, 313-327.	1.0	10
7	Opportunities and challenges of macrogenetic studies. Nature Reviews Genetics, 2021, 22, 791-807.	7.7	55
8	Genomic data reveal similar genetic differentiation in aquifer species with different dispersal capabilities and life histories. Biological Journal of the Linnean Society, 2020, 129, 315-322.	0.7	6
9	AgeStrucNb: Software for Simulating and Detecting Changes in the Effective Number of Breeders (Nb). Journal of Heredity, 2020, 111, 491-497.	1.0	3
10	Remarkable anoxia tolerance by stoneflies from a floodplain aquifer. Ecology, 2020, 101, e03127.	1.5	12
11	Population Genomics Training for the Next Generation of Conservation Geneticists: ConGen 2018 Workshop. Journal of Heredity, 2020, 111, 227-236.	1.0	3
12	Aquatic Landscape Genomics and Environmental Effects on Genetic Variation. Trends in Ecology and Evolution, 2019, 34, 641-654.	4.2	97
13	Challenges in Columbia River fisheries conservation: a response to Duda etÂal.. Frontiers in Ecology and the Environment, 2019, 17, 11-13.	1.9	0
14	Disentangling genetic structure for genetic monitoring of complex populations. Evolutionary Applications, 2018, 11, 1149-1161.	1.5	13
15	Population Genomics Provides Key Insights in Ecology and Evolution. Population Genomics, 2018, , 483-510.	0.2	28
16	A socialâ€“ecological perspective for riverscape management in the Columbia River Basin. Frontiers in Ecology and the Environment, 2018, 16, S23.	1.9	42
17	Landscape Genomics for Wildlife Research. Population Genomics, 2018, , 145-184.	0.2	41
18	Population Genomics: Advancing Understanding of Nature. Population Genomics, 2018, , 3-79.	0.2	70

#	Article	IF	Citations
19	Accounting for adaptive capacity and uncertainty in assessments of speciesâ€™ climateâ€change vulnerability. Conservation Biology, 2017, 31, 136-149.	2.4	36
20	Assessments of speciesâ€™ vulnerability to climate change: from pseudo to science. Biodiversity and Conservation, 2017, 26, 223-229.	1.2	9
21	Effective number of breeders from sibship reconstruction: empirical evaluations using hatchery steelhead. Evolutionary Applications, 2017, 10, 146-160.	1.5	54
22	Climate variables explain neutral and adaptive variation within salmonid metapopulations: the importance of replication in landscape genetics. Molecular Ecology, 2016, 25, 689-705.	2.0	39
23	Vive la rÃ©sistance: genome-wide selection against introduced alleles in invasive hybrid zones. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161380.	1.2	40
24	Genomics in Conservation: Case Studies and Bridging the Gap between Data and Application. Trends in Ecology and Evolution, 2016, 31, 81-83.	4.2	173
25	Genetic diversity is related to climatic variation and vulnerability in threatened bull trout. Global Change Biology, 2015, 21, 2510-2524.	4.2	43
26	Genomics and introgression: Discovery and mapping of thousands of species-diagnostic SNPs using RAD sequencing. Environmental Epigenetics, 2015, 61, 146-154.	0.9	35
27	Landscape community genomics: understanding eco-evolutionary processes in complex environments. Trends in Ecology and Evolution, 2015, 30, 161-168.	4.2	69
28	Tradeâ€offs and utility of alternative RADseq methods: Reply to Puritz et al.. Molecular Ecology, 2014, 23, 5943-5946.	2.0	55
29	Assessing multi-taxa sensitivity to the human footprint, habitat fragmentation and loss by exploring alternative scenarios of dispersal ability and population size: a simulation approach. Biodiversity and Conservation, 2014, 23, 2761-2779.	1.2	26
30	Sex-Biased Gene Flow Among Elk in the Greater Yellowstone Ecosystem. Journal of Fish and Wildlife Management, 2014, 5, 124-132.	0.4	3
31	UNICOR: a species connectivity and corridor network simulator. Ecography, 2012, 35, 9-14.	2.1	141