Andrew Kern

List of Publications by Year
in descending order

12 papers	1,246 citations	840776 11 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	1729 citing authors

#	Article	IF	Citations
1	Supervised Machine Learning for Population Genetics: A New Paradigm. Trends in Genetics, 2018, 34, 301-312.	6.7	356
2	The Neutral Theory in Light of Natural Selection. Molecular Biology and Evolution, 2018, 35, 1366-1371.	8.9	180
3	diploS/HIC: An Updated Approach to Classifying Selective Sweeps. G3: Genes, Genomes, Genetics, 2018, 8, 1959-1970.	1.8	121
4	Parallel Geographic Variation in <i>Drosophila melanogaster</i>. Genetics, 2014, 197, 361-373.	2.9	113
5	A community-maintained standard library of population genetic models. ELife, 2020, 9, .	6.0	112
6	Predicting the Landscape of Recombination Using Deep Learning. Molecular Biology and Evolution, 2020, 37, 1790-1808.	8.9	104
7	Space is the Place: Effects of Continuous Spatial Structure on Analysis of Population Genetic Data. Genetics, 2020, 215, 193-214.	2.9	79
8	Predicting geographic location from genetic variation with deep neural networks. ELife, 2020, 9, .	6.0	67
9	Visualizing population structure with variational autoencoders. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	51
10	Discovery of Ongoing Selective Sweeps within <i>Anopheles</i> Mosquito Populations Using Deep Learning. Molecular Biology and Evolution, 2021, 38, 1168-1183.	8.9	25
11	Exact Calculation of the Joint Allele Frequency Spectrum for Isolation with Migration Models. Genetics, 2017, 207, 241-253.	2.9	22
12	Highly Constrained Intergenic Drosophila Ultraconserved Elements Are Candidate ncRNAs. Genome Biology and Evolution, 2015, 7, 689-698.	2.5	16