

# Andrew Kern

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9279392/publications.pdf>

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