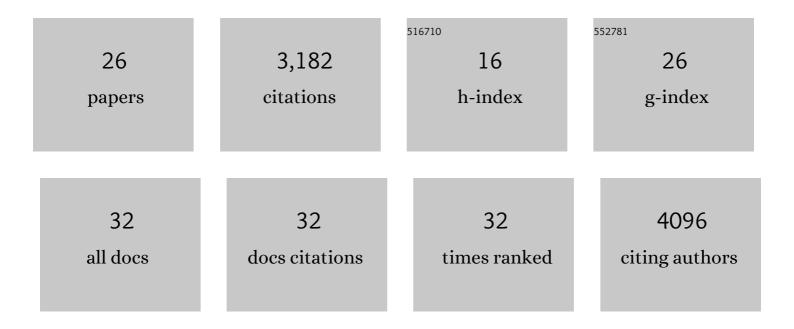
Katie E Lotterhos

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10825933/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Finding the Genomic Basis of Local Adaptation: Pitfalls, Practical Solutions, and Future Directions. American Naturalist, 2016, 188, 379-397.	2.1	663
2	Evaluation of demographic history and neutral parameterization on the performance of <scp><i>F</i>_{ST}</scp> outlier tests. Molecular Ecology, 2014, 23, 2178-2192.	3.9	472
3	The relative power of genome scans to detect local adaptation depends on sampling design and statistical method. Molecular Ecology, 2015, 24, 1031-1046.	3.9	447
4	Reliable Detection of Loci Responsible for Local Adaptation: Inference of a Null Model through Trimming the Distribution of <i>F</i> _{ST} . American Naturalist, 2015, 186, S24-S36.	2.1	375
5	Breaking RAD: an evaluation of the utility of restriction siteâ€associated DNA sequencing for genome scans of adaptation. Molecular Ecology Resources, 2017, 17, 142-152.	4.8	322
6	Convergent local adaptation to climate in distantly related conifers. Science, 2016, 353, 1431-1433.	12.6	303
7	The Importance of Genetic Redundancy in Evolution. Trends in Ecology and Evolution, 2020, 35, 809-822.	8.7	99
8	Responsible <scp>RAD</scp> : Striving for best practices in population genomic studies of adaptation. Molecular Ecology Resources, 2017, 17, 366-369.	4.8	58
9	The Effect of Neutral Recombination Variation on Genome Scans for Selection. G3: Genes, Genomes, Genetics, 2019, 9, 1851-1867.	1.8	58
10	Composite measures of selection can improve the signalâ€ŧoâ€noise ratio in genome scans. Methods in Ecology and Evolution, 2017, 8, 717-727.	5.2	48
11	<scp>minotaur</scp> : A platform for the analysis and visualization of multivariate results from genome scans with R Shiny. Molecular Ecology Resources, 2017, 17, 33-43.	4.8	45
12	Modularity of genes involved in local adaptation to climate despite physical linkage. Genome Biology, 2018, 19, 157.	8.8	41
13	Inversion invasions: when the genetic basis of local adaptation is concentrated within inversions in the face of gene flow. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, .	4.0	34
14	Seeing the forest for the trees: Assessing genetic offset predictions from gradient forest. Evolutionary Applications, 2022, 15, 403-416.	3.1	32
15	Expressed exome capture sequencing: A method for costâ€effective exome sequencing for all organisms. Molecular Ecology Resources, 2018, 18, 1209-1222.	4.8	28
16	Ocean Acidification Induces Subtle Shifts in Gene Expression and DNA Methylation in Mantle Tissue of the Eastern Oyster (Crassostrea virginica). Frontiers in Marine Science, 2020, 7, .	2.5	27
17	Comment on "Genomic signals of selection predict climate-driven population declines in a migratory bird― Science, 2018, 361, .	12.6	19
18	Novel and disappearing climates in the global surface ocean from 1800 to 2100. Scientific Reports, 2021, 11, 15535.	3.3	18

#	Article	IF	CITATIONS
19	THE CONTEXT-DEPENDENT EFFECT OF MULTIPLE PATERNITY ON EFFECTIVE POPULATION SIZE. Evolution; International Journal of Organic Evolution, 2011, 65, 1693-1706.	2.3	16
20	Oceanographic drivers of offspring abundance may increase or decrease reproductive variance in a temperate marine fish. Molecular Ecology, 2012, 21, 5009-5026.	3.9	16
21	Evaluation of rockfish conservation area networks in the <scp>U</scp> nited <scp>S</scp> tates and <scp>C</scp> anada relative to the dispersal distance for black rockfish (<i><scp>S</scp>ebastes) Tj ETQq1 1 0</i>	.78 943 14 r	gB 1 ¢Overloc
22	Does a complex life cycle affect adaptation to environmental change? Genome-informed insights for characterizing selection across complex life cycle. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20212122.	2.6	14
23	Genome scans for the contemporary response to selection in quantitative traits. Molecular Ecology, 2014, 23, 4435-4437.	3.9	7
24	Nonsignificant isolation by distance implies limited dispersal. Molecular Ecology, 2012, 21, 5637-5639.	3.9	5
25	Evolution in changing seas. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20212443.	2.6	5
26	Comparative thermal performance among four young-of-the-year temperate reef fish species. ICES Journal of Marine Science, 2021, 78, 1684-1696.	2.5	3