

# Katie E Lotterhos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10825933/publications.pdf>

Version: 2024-02-01

26  
papers

3,182  
citations

516710

16  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

4096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding the Genomic Basis of Local Adaptation: Pitfalls, Practical Solutions, and Future Directions. <i>American Naturalist</i> , 2016, 188, 379-397.	2.1	663
2	Evaluation of demographic history and neutral parameterization on the performance of <i>F<sub>ST</sub></i> outlier tests. <i>Molecular Ecology</i> , 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. <i>Molecular Ecology</i> , 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<sub>ST</sub></i> . <i>American Naturalist</i> , 2015, 186, S24-S36.	2.1	375
5	Breaking RAD: an evaluation of the utility of restriction site-associated DNA sequencing for genome scans of adaptation. <i>Molecular Ecology Resources</i> , 2017, 17, 142-152.	4.8	322
6	Convergent local adaptation to climate in distantly related conifers. <i>Science</i> , 2016, 353, 1431-1433.	12.6	303
7	The Importance of Genetic Redundancy in Evolution. <i>Trends in Ecology and Evolution</i> , 2020, 35, 809-822.	8.7	99
8	Responsible <i>RAD</i> : Striving for best practices in population genomic studies of adaptation. <i>Molecular Ecology Resources</i> , 2017, 17, 366-369.	4.8	58
9	The Effect of Neutral Recombination Variation on Genome Scans for Selection. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1851-1867.	1.8	58
10	Composite measures of selection can improve the signal-to-noise ratio in genome scans. <i>Methods in Ecology and Evolution</i> , 2017, 8, 717-727.	5.2	48
11	<i>minotaur</i> : A platform for the analysis and visualization of multivariate results from genome scans with R Shiny. <i>Molecular Ecology Resources</i> , 2017, 17, 33-43.	4.8	45
12	Modularity of genes involved in local adaptation to climate despite physical linkage. <i>Genome Biology</i> , 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. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	34
14	Seeing the forest for the trees: Assessing genetic offset predictions from gradient forest. <i>Evolutionary Applications</i> , 2022, 15, 403-416.	3.1	32
15	Expressed exome capture sequencing: A method for cost-effective exome sequencing for all organisms. <i>Molecular Ecology Resources</i> , 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 ( <i>Crassostrea virginica</i> ). <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	27
17	Comment on "Genomic signals of selection predict climate-driven population declines in a migratory bird". <i>Science</i> , 2018, 361, .	12.6	19
18	Novel and disappearing climates in the global surface ocean from 1800 to 2100. <i>Scientific Reports</i> , 2021, 11, 15535.	3.3	18

#	ARTICLE	IF	CITATIONS
19	THE CONTEXT-DEPENDENT EFFECT OF MULTIPLE PATERNITY ON EFFECTIVE POPULATION SIZE. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1693-1706.	2.3	16
20	Oceanographic drivers of offspring abundance may increase or decrease reproductive variance in a temperate marine fish. <i>Molecular Ecology</i> , 2012, 21, 5009-5026.	3.9	16
21	Evaluation of rockfish conservation area networks in the United States and Canada relative to the dispersal distance for black rockfish ( <i>Sebastes</i> ) <i>ETQq1 1 0.784314 rgBT6/Overlo</i>	3.9	16
22	Does a complex life cycle affect adaptation to environmental change? Genome-informed insights for characterizing selection across complex life cycle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212122.	2.6	14
23	Genome scans for the contemporary response to selection in quantitative traits. <i>Molecular Ecology</i> , 2014, 23, 4435-4437.	3.9	7
24	Nonsignificant isolation by distance implies limited dispersal. <i>Molecular Ecology</i> , 2012, 21, 5637-5639.	3.9	5
25	Evolution in changing seas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212443.	2.6	5
26	Comparative thermal performance among four young-of-the-year temperate reef fish species. <i>ICES Journal of Marine Science</i> , 2021, 78, 1684-1696.	2.5	3