

# Kanchon K Dasmahapatra

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

3,212  
citations

430874

18  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

4725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide evidence for speciation with gene flow in <i>Heliconius</i> butterflies. <i>Genome Research</i> , 2013, 23, 1817-1828.	5.5	609
2	Genomic architecture and introgression shape a butterfly radiation. <i>Science</i> , 2019, 366, 594-599.	12.6	365
3	Genomic islands of divergence in hybridizing <i>Heliconius</i> butterflies identified by large-scale targeted sequencing. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 343-353.	4.0	294
4	High-throughput sequencing reveals inbreeding depression in a natural population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3775-3780.	7.1	221
5	Estimation of the Spontaneous Mutation Rate in <i>Heliconius melpomene</i> . <i>Molecular Biology and Evolution</i> , 2015, 32, 239-243.	8.9	220
6	Multilocus Species Trees Show the Recent Adaptive Radiation of the Mimetic <i>Heliconius</i> Butterflies. <i>Systematic Biology</i> , 2015, 64, 505-524.	5.6	204
7	Genome-wide patterns of divergence and gene flow across a butterfly radiation. <i>Molecular Ecology</i> , 2013, 22, 814-826.	3.9	160
8	Major Improvements to the <i>Heliconius melpomene</i> Genome Assembly Used to Confirm 10 Chromosome Fusion Events in 6 Million Years of Butterfly Evolution. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 695-708.	1.8	149
9	Evolutionary Novelty in a Butterfly Wing Pattern through Enhancer Shuffling. <i>PLoS Biology</i> , 2016, 14, e1002353.	5.6	136
10	Supergene Evolution Triggered by the Introgression of a Chromosomal Inversion. <i>Current Biology</i> , 2018, 28, 1839-1845.e3.	3.9	130
11	Mitochondrial DNA barcoding detects some species that are real, and some that are not. <i>Molecular Ecology Resources</i> , 2010, 10, 264-273.	4.8	119
12	Genome-wide introgression among distantly related <i>Heliconius</i> butterfly species. <i>Genome Biology</i> , 2016, 17, 25.	8.8	115
13	The anatomy of a "suture zone"™ in Amazonian butterflies: a coalescent-based test for vicariant geographic divergence and speciation. <i>Molecular Ecology</i> , 2010, 19, 4283-4301.	3.9	68
14	High levels of interspecific gene flow in an endemic cichlid fish adaptive radiation from an extreme lake environment. <i>Molecular Ecology</i> , 2015, 24, 3421-3440.	3.9	53
15	Niche divergence facilitated by fine-scale ecological partitioning in a recent cichlid fish adaptive radiation. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2718-2735.	2.3	38
16	The Scent Chemistry of <i>Heliconius</i> Wing Androconia. <i>Journal of Chemical Ecology</i> , 2017, 43, 843-857.	1.8	36
17	RAD Sequencing and a Hybrid Antarctic Fur Seal Genome Assembly Reveal Rapidly Decaying Linkage Disequilibrium, Global Population Structure and Evidence for Inbreeding. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2709-2722.	1.8	30
18	The genetic architecture of adaptation: convergence and pleiotropy in <i>Heliconius</i> wing pattern evolution. <i>Heredity</i> , 2019, 123, 138-152.	2.6	28

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19	Geographic contrasts between pre- and postzygotic barriers are consistent with reinforcement in <i>Heliconius</i> butterflies. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1821-1838.	2.3	22
20	Anthropogenic pressures coincide with Neotropical biodiversity hotspots in a flagship butterfly group. <i>Diversity and Distributions</i> , 2022, 28, 2912-2930.	4.1	18
21	Cryptic speciation associated with geographic and ecological divergence in two Amazonian <i>Heliconius</i> butterflies. <i>Zoological Journal of the Linnean Society</i> , 2019, 186, 233-249.	2.3	15
22	Past, current, and potential future distributions of unique genetic diversity in a cold-adapted mountain butterfly. <i>Ecology and Evolution</i> , 2020, 10, 11155-11168.	1.9	15
23	Deep Convergence, Shared Ancestry, and Evolutionary Novelty in the Genetic Architecture of <i>Heliconius</i> Mimicry. <i>Genetics</i> , 2020, 216, 765-780.	2.9	13
24	Demographic Reconstruction of Antarctic Fur Seals Supports the Krill Surplus Hypothesis. <i>Genes</i> , 2022, 13, 541.	2.4	13
25	Complex basis of hybrid female sterility and Haldane's rule in <i>Heliconius</i> butterflies: Z-linkage and epistasis. <i>Molecular Ecology</i> , 2022, 31, 959-977.	3.9	10
26	The Amazon river is a suture zone for a polyphyletic group of mimetic heliconiine butterflies. <i>Ecography</i> , 2021, 44, 177-187.	4.5	9
27	Adaptation of the carbamoyl-phosphate synthetase enzyme in an extremophile fish. <i>Royal Society Open Science</i> , 2020, 7, 201200.	2.4	5
28	Contrasting geographic structure in evolutionarily divergent Lake Tanganyika catfishes. <i>Ecology and Evolution</i> , 2018, 8, 2688-2697.	1.9	4
29	Exploring the Expression of Cardiac Regulators in a Vertebrate Extremophile: The Cichlid Fish <i>Oreochromis (Alcolapia) alcalica</i> . <i>Journal of Developmental Biology</i> , 2020, 8, 22.	1.7	2