Joana Isabel Meier

List of Publications by Year
in descending order

26 papers	2,931 citations	430874 18 h-index	552781 26 g-index
36 all docs	36 docs citations	36 times ranked	3656 citing authors

#	Article	IF	Citations
1	Genomics and the origin of species. Nature Reviews Genetics, 2014, 15, 176-192.	16.3	850
2	Ancient hybridization fuels rapid cichlid fish adaptive radiations. Nature Communications, 2017, 8, 14363.	12.8	509
3	A Combinatorial View on Speciation and Adaptive Radiation. Trends in Ecology and Evolution, 2019, 34, 531-544.	8.7	390
4	Genomics of Rapid Incipient Speciation in Sympatric Threespine Stickleback. PLoS Genetics, 2016, 12, e1005887.	3.5	195
5	The ecological and genomic basis of explosive adaptive radiation. Nature, 2020, 586, 75-79.	27.8	146
6	Demographic modelling with wholeâ€genome data reveals parallel origin of similar Pundamilia cichlid species after hybridization. Molecular Ecology, 2017, 26, 123-141.	3.9	106
7	Genomics of Parallel Ecological Speciation in Lake Victoria Cichlids. Molecular Biology and Evolution, 2018, 35, 1489-1506.	8.9	103
8	The coincidence of ecological opportunity with hybridization explains rapid adaptive radiation in Lake Mweru cichlidÂfishes. Nature Communications, 2019, 10, 5391.	12.8	79
9	Eukaryote hybrid genomes. PLoS Genetics, 2019, 15, e1008404.	3.5	77
10	The Persistence of Polymorphisms across Species Radiations. Trends in Ecology and Evolution, 2020, 35, 795-808.	8.7	64
11	Adaptive Introgression across Semipermeable Species Boundaries between Local Helicoverpa zea and Invasive Helicoverpa armigera Moths. Molecular Biology and Evolution, 2020, 37, 2568-2583.	8.9	64
12	Haplotype tagging reveals parallel formation of hybrid races in two butterfly species. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	46
13	Microclimate buffering and thermal tolerance across elevations in a tropical butterfly. Journal of Experimental Biology, 2020, 223, .	1.7	41
14	A Dense Linkage Map of Lake Victoria Cichlids Improved the Pundamilia Genome Assembly and Revealed a Major QTL for Sex-Determination. G3: Genes, Genomes, Genetics, 2018, 8, 2411-2420.	1.8	28
15	Altitude and lifeâ€history shape the evolution ofHeliconiuswings. Evolution; International Journal of Organic Evolution, 2019, 73, 2436-2450.	2.3	27
16	Genomic landscape of early ecological speciation initiated by selection on nuptial colour. Molecular Ecology, 2017, 26, 7-24.	3.9	26
17	Differential introgression of a female competitive trait in a hybrid zone between sexâ€role reversed species. Evolution; International Journal of Organic Evolution, 2019, 73, 188-201.	2.3	25
18	Hybridization, sex-specific genomic architecture and local adaptation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170419.	4.0	23

#	Article	IF	Citations
19	The onset of ecological diversification 50 years after colonization of a crater lake by haplochromine cichlid fishes. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180171.	2.6	21
20	A haplotype-resolved,de novogenome assembly for the wood tiger moth (Arctia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	6.4	20
21	Movement of transposable elements contributes to cichlid diversity. Molecular Ecology, 2020, 29, 4956-4969.	3.9	18
22	Rapid generation of ecologically relevant behavioral novelty in experimental cichlid hybrids. Ecology and Evolution, 2020, 10, 7445-7462.	1.9	14
23	Homage to Felsenstein 1981, or why are there so few/many species?. Evolution; International Journal of Organic Evolution, 2021, 75, 978-988.	2.3	13
24	Identification of a novel sex determining chromosome in cichlid fishes that acts as XY or ZW in different lineages. Hydrobiologia, 2021, 848, 3727-3745.	2.0	11
25	Genomics of altitudeâ€associated wing shape in two tropical butterflies. Molecular Ecology, 2021, 30, 6387-6402.	3.9	8
26	Multispecies colour polymorphisms associated with contrasting microhabitats in two Mediterranean wrasse radiations. Journal of Evolutionary Biology, 2022, 35, 633-647.	1.7	3