

Philine Feulner

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,576
citations

304743

22
h-index

315739

38
g-index

42
all docs

42
docs citations

42
times ranked

4064
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptation genomics: the next generation. <i>Trends in Ecology and Evolution</i> , 2010, 25, 705-712.	8.7	589
2	Variation in recombination frequency and distribution across eukaryotes: patterns and processes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160455.	4.0	306
3	Genomics of Divergence along a Continuum of Parapatric Population Differentiation. <i>PLoS Genetics</i> , 2015, 11, e1004966.	3.5	135
4	TOXIC HYDROGEN SULFIDE AND DARK CAVES: PHENOTYPIC AND GENETIC DIVERGENCE ACROSS TWO ABIOTIC ENVIRONMENTAL GRADIENTS IN <i>POECILIA MEXICANA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2643-2659.	2.3	122
5	Fewer invited talks by women in evolutionary biology symposia. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2063-2069.	1.7	120
6	Phylogeography of red deer (<i>Cervus elaphus</i>) in Europe. <i>Journal of Biogeography</i> , 2009, 36, 66-77.	3.0	115
7	Genome mapping in intensively studied wild vertebrate populations. <i>Trends in Genetics</i> , 2010, 26, 275-284.	6.7	85
8	Electrifying love: electric fish use species-specific discharge for mate recognition. <i>Biology Letters</i> , 2009, 5, 225-228.	2.3	82
9	Genome-wide patterns of standing genetic variation in a marine population of three-spined sticklebacks. <i>Molecular Ecology</i> , 2013, 22, 635-649.	3.9	78
10	Adaptive radiation in African weakly electric fish (Teleostei: Mormyridae: <i>Campylomormyrus</i>): a combined molecular and morphological approach. <i>Journal of Evolutionary Biology</i> , 2007, 20, 403-414.	1.7	75
11	Evaluating Characteristics of De Novo Assembly Software on 454 Transcriptome Data: A Simulation Approach. <i>PLoS ONE</i> , 2012, 7, e31410.	2.5	72
12	Extensive Copy-Number Variation of Young Genes across Stickleback Populations. <i>PLoS Genetics</i> , 2014, 10, e1004830.	3.5	70
13	Electrophysiological and molecular genetic evidence for sympatrically occurring cryptic species in African weakly electric fishes (Teleostei: Mormyridae: <i>Campylomormyrus</i>). <i>Molecular Phylogenetics and Evolution</i> , 2006, 39, 198-208.	2.7	67
14	Mitochondrial DNA and microsatellite analyses of the genetic status of the presumed subspecies <i>Cervus elaphus montanus</i> (Carpathian red deer). <i>Heredity</i> , 2004, 93, 299-306.	2.6	66
15	Introgression and the fate of domesticated genes in a wild mammal population. <i>Molecular Ecology</i> , 2013, 22, 4210-4221.	3.9	53
16	Transcriptome profiling of immune tissues reveals habitat-specific gene expression between lake and river sticklebacks. <i>Molecular Ecology</i> , 2016, 25, 943-958.	3.9	49
17	Adaptive radiation in the Congo River: An ecological speciation scenario for African weakly electric fish (Teleostei; Mormyridae; <i>Campylomormyrus</i>). <i>Journal of Physiology (Paris)</i> , 2008, 102, 340-346.	2.1	41
18	Genome evolution, structural rearrangements and speciation. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1488-1490.	1.7	40

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19	Recombination: the good, the bad and the variable. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20170279.	4.0	39
20	Magic trait Electric Organ Discharge (EOD). <i>Communicative and Integrative Biology</i> , 2009, 2, 329-331.	1.4	36
21	Genomic insights into the vulnerability of sympatric whitefish species flocks. <i>Molecular Ecology</i> , 2019, 28, 615-629.	3.9	30
22	Population size changes and selection drive patterns of parallel evolution in a host-virus system. <i>Nature Communications</i> , 2018, 9, 1706.	12.8	29
23	A de novo chromosome-level genome assembly of <i>Coregonus</i> sp. "Balchen": One representative of the Swiss Alpine whitefish radiation. <i>Molecular Ecology Resources</i> , 2020, 20, 1093-1109.	4.8	29
24	A Dense Linkage Map of Lake Victoria Cichlids Improved the <i>Pundamilia</i> Genome Assembly and Revealed a Major QTL for Sex-Determination. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2411-2420.	1.8	28
25	Species delimitation and phylogenetic relationships in a genus of African weakly-electric fishes (<i>Osteoglossiformes</i> , <i>Mormyridae</i> , <i>Campylomormyrus</i>). <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 8-18.	2.7	24
26	Ecological and Evolutionary Processes Shaping Viral Genetic Diversity. <i>Viruses</i> , 2019, 11, 220.	3.3	21
27	The feedback between selection and demography shapes genomic diversity during coevolution. <i>Science Advances</i> , 2019, 5, eaax0530.	10.3	20
28	Comparative histology of the adult electric organ among four species of the genus <i>Campylomormyrus</i> (Teleostei: <i>Mormyridae</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 357-374.	1.6	19
29	A European Whitefish Linkage Map and Its Implications for Understanding Genome-Wide Synteny Between Salmonids Following Whole Genome Duplication. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3745-3755.	1.8	16
30	Genome-Wide Genotype-Expression Relationships Reveal Both Copy Number and Single Nucleotide Differentiation Contribute to Differential Gene Expression between Stickleback Ecotypes. <i>Genome Biology and Evolution</i> , 2019, 11, 2344-2359.	2.5	16
31	Sequencing platform shifts provide opportunities but pose challenges for combining genomic data sets. <i>Molecular Ecology Resources</i> , 2021, 21, 653-660.	4.8	16
32	Ecological and evolutionary implications of genomic structural variations. <i>Frontiers in Genetics</i> , 2014, 5, 326.	2.3	13
33	Eighteen microsatellite loci for endemic African weakly electric fish (<i>Campylomormyrus</i> , <i>Mormyridae</i>) and their cross species applicability among related taxa. <i>Molecular Ecology Notes</i> , 2005, 5, 446-448.	1.7	12
34	Genomic variation from an extinct species is retained in the extant radiation following speciation reversal. <i>Nature Ecology and Evolution</i> , 2022, 6, 461-468.	7.8	12
35	Evolution as an ecosystem process: insights from genomics. <i>Genome</i> , 2018, 61, 298-309.	2.0	11
36	Electric Organ Discharge Divergence Promotes Ecological Speciation in Sympatrically Occurring African Weakly Electric Fish (<i>Campylomormyrus</i>). , 2010, , 307-321.		10

#	ARTICLE	IF	CITATIONS
37	Examining adaptive evolution of immune activity: opportunities provided by gastropods in the age of "omics". Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200158.	4.0	6
38	Strong selection and high mutation supply characterize experimental <i>Chlorovirus</i> evolution. Virus Evolution, 2022, 8, veac003.	4.9	5