

Marie-Pierre Chapuis

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,468
citations

394286

19
h-index

395590

33
g-index

35
all docs

35
docs citations

35
times ranked

5331
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsatellite Null Alleles and Estimation of Population Differentiation. <i>Molecular Biology and Evolution</i> , 2007, 24, 621-631.	3.5	2,333
2	Evaluation of potential reference genes for reverse transcription-qPCR studies of physiological responses in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2011, 57, 840-850.	0.9	276
3	Mitochondrial genomes reveal the global phylogeography and dispersal routes of the migratory locust. <i>Molecular Ecology</i> , 2012, 21, 4344-4358.	2.0	171
4	Climate-driven geographic distribution of the desert locust during recession periods: Subspecies niche differentiation and relative risks under scenarios of climate change. <i>Global Change Biology</i> , 2017, 23, 4739-4749.	4.2	69
5	Assessment and validation of a suite of reverse transcription-quantitative PCR reference genes for analyses of density-dependent behavioural plasticity in the Australian plague locust. <i>BMC Molecular Biology</i> , 2011, 12, 7.	3.0	63
6	On the relative role of climate change and management in the current desert locust outbreak in East Africa. <i>Global Change Biology</i> , 2020, 26, 3753-3755.	4.2	52
7	Outbreaks, gene flow and effective population size in the migratory locust, <i>Locusta migratoria</i> : a regional-scale comparative survey. <i>Molecular Ecology</i> , 2009, 18, 792-800.	2.0	48
8	Deciphering host-parasitoid interactions and parasitism rates of crop pests using DNA metabarcoding. <i>Scientific Reports</i> , 2019, 9, 3646.	1.6	47
9	Evidence for high dispersal ability and mito-nuclear discordance in the small brown planthopper, <i>Laodelphax striatellus</i> . <i>Scientific Reports</i> , 2015, 5, 8045.	1.6	37
10	Challenges to assessing connectivity between massive populations of the Australian plague locust. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3152-3160.	1.2	32
11	Nuclear insertions and heteroplasmy of mitochondrial DNA as two sources of intra-individual genomic variation in grasshoppers. <i>Systematic Entomology</i> , 2011, 36, 285-299.	1.7	30
12	Characterization and PCR multiplexing of polymorphic microsatellite loci for the locust <i>Locusta migratoria</i> . <i>Molecular Ecology Notes</i> , 2005, 5, 554-557.	1.7	29
13	Mapping Averaged Pairwise Information (MAPI): a new exploratory tool to uncover spatial structure. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1463-1475.	2.2	25
14	Taxa-specific heat shock proteins are over-expressed with crowding in the Australian plague locust. <i>Journal of Insect Physiology</i> , 2011, 57, 1562-1567.	0.9	24
15	Demographic processes shaping genetic variation of the solitary phase of the desert locust. <i>Molecular Ecology</i> , 2014, 23, 1749-1763.	2.0	24
16	Laboratory Populations as a Resource for Understanding the Relationship Between Genotypes and Phenotypes. <i>Advances in Insect Physiology</i> , 2010, , 1-37.	1.1	23
17	Microsatellite evolutionary rate and pattern in <i>Schistocerca gregaria</i> inferred from direct observation of germline mutations. <i>Molecular Ecology</i> , 2015, 24, 6107-6119.	2.0	23
18	Genetic variation for parental effects on the propensity to gregarise in <i>Locusta migratoria</i> . <i>BMC Evolutionary Biology</i> , 2008, 8, 37.	3.2	22

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19	Spatial heterogeneity in landscape structure influences dispersal and genetic structure: empirical evidence from a grasshopper in an agricultural landscape. <i>Molecular Ecology</i> , 2015, 24, 1713-1728.	2.0	20
20	Eight polymorphic microsatellite loci for the Australian plague locust, <i>Chortoicetes terminifera</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 1414-1416.	2.2	17
21	Subspecific taxonomy of the desert locust, <i>Schistocerca gregaria</i> (Orthoptera: Acrididae), based on molecular and morphological characters. <i>Systematic Entomology</i> , 2016, 41, 516-530.	1.7	16
22	Characterization and comparison of microsatellite markers derived from genomic and expressed libraries for the desert locust. <i>Journal of Applied Entomology</i> , 2013, 137, 673-683.	0.8	14
23	A young age of subspecific divergence in the desert locust inferred by ABC random forest. <i>Molecular Ecology</i> , 2020, 29, 4542-4558.	2.0	14
24	Population structures of three <i>Calliptamus</i> spp. (Orthoptera: Acrididae) across the Western Mediterranean Basin. <i>European Journal of Entomology</i> , 2012, 109, 445-455.	1.2	11
25	Long microsatellites and unusually high levels of genetic diversity in the Orthoptera. <i>Insect Molecular Biology</i> , 2012, 21, 181-186.	1.0	10
26	Exploring the relationship between tytoparthenogenesis and inbreeding depression in the Desert Locust, <i>Schistocerca gregaria</i> . <i>Ecology and Evolution</i> , 2017, 7, 6003-6011.	0.8	10
27	Extra Molting and Selection on Nymphal Growth in the Desert Locust. <i>PLoS ONE</i> , 2016, 11, e0155736.	1.1	9
28	Isolation and Characterization of Twelve Polymorphic Microsatellite Loci for the Cocoa Mirid Bug <i>Sahlbergella singularis</i> . <i>International Journal of Molecular Sciences</i> , 2012, 13, 4412-4417.	1.8	4
29	Fine-scale interactions between habitat quality and genetic variation suggest an impact of grazing on the critically endangered Crau Plain grasshopper (Pamphagidae: <i>Prionotropis rhodanica</i>). <i>Journal of Orthoptera Research</i> , 2018, 27, 61-73.	0.4	4
30	Microsatellite Markers for the Chameleon Grasshopper (<i>Kosciuscola tristis</i>) (Orthoptera: Acrididae), an Australian Alpine Specialist. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12094-12099.	1.8	3
31	Additive genetic variance for traits least related to fitness increases with environmental stress in the desert locust, <i>Schistocerca gregaria</i> . <i>Ecology and Evolution</i> , 2021, 11, 13930-13947.	0.8	3
32	Integrative taxonomy confirms that <i>Gregarina garnhami</i> and <i>G. acridiorum</i> (Apicomplexa, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td distinct species. <i>Parasite</i> , 2021, 28, 12.	0.8	2