Marie-Pierre Chapuis

List of Publications by Year
in descending order

32	3,468	394421 19	395702 33
papers	citations	h-index	g-index

35	35	35	5331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microsatellite Null Alleles and Estimation of Population Differentiation. Molecular Biology and Evolution, 2007, 24, 621-631.	8.9	2,333
2	Evaluation of potential reference genes for reverse transcription-qPCR studies of physiological responses in Drosophila melanogaster. Journal of Insect Physiology, 2011, 57, 840-850.	2.0	276
3	Mitochondrial genomes reveal the global phylogeography and dispersal routes of the migratory locust. Molecular Ecology, 2012, 21, 4344-4358.	3.9	171
4	Climateâ€driven geographic distribution of the desert locust during recession periods: Subspeciesâ€™ niche differentiation and relative risks under scenarios of climate change. Global Change Biology, 2017, 23, 4739-4749.	9.5	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. BMC Molecular Biology, 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. Global Change Biology, 2020, 26, 3753-3755.	9.5	52
7	Outbreaks, gene flow and effective population size in the migratory locust, Locusta migratoria: a regionalâ€scale comparative survey. Molecular Ecology, 2009, 18, 792-800.	3.9	48
8	Deciphering host-parasitoid interactions and parasitism rates of crop pests using DNA metabarcoding. Scientific Reports, 2019, 9, 3646.	3.3	47
9	Evidence for high dispersal ability and mito-nuclear discordance in the small brown planthopper, Laodelphax striatellus. Scientific Reports, 2015, 5, 8045.	3.3	37
10	Challenges to assessing connectivity between massive populations of the Australian plague locust. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3152-3160.	2.6	32
11	Nuclear insertions and heteroplasmy of mitochondrial DNA as two sources of intraâ€individual genomic variation in grasshoppers. Systematic Entomology, 2011, 36, 285-299.	3.9	30
12	Characterization and PCR multiplexing of polymorphic microsatellite loci for the locust Locusta migratoria. Molecular Ecology Notes, 2005, 5, 554-557.	1.7	29
13	Mapping Averaged Pairwise Information (MAPI): a new exploratory tool to uncover spatial structure. Methods in Ecology and Evolution, 2016, 7, 1463-1475.	5.2	25
14	Taxa-specific heat shock proteins are over-expressed with crowding in the Australian plague locust. Journal of Insect Physiology, 2011, 57, 1562-1567.	2.0	24
15	Demographic processes shaping genetic variation of the solitarious phase of the desert locust. Molecular Ecology, 2014, 23, 1749-1763.	3.9	24
16	Laboratory Populations as a Resource for Understanding the Relationship Between Genotypes and Phenotypes. Advances in Insect Physiology, 2010, , 1-37.	2.7	23
17	Microsatellite evolutionary rate and pattern in Schistocerca gregaria inferred from direct observation of germline mutations. Molecular Ecology, 2015, 24, 6107-6119.	3.9	23
18	Genetic variation for parental effects on the propensity to gregarise in Locusta migratoria. BMC Evolutionary Biology, 2008, 8, 37.	3.2	22

#	Article	IF	Citations
19	Spatial heterogeneity in landscape structure influences dispersal and genetic structure: empirical evidence from a grasshopper in an agricultural landscape. Molecular Ecology, 2015, 24, 1713-1728.	3.9	20
20	Eight polymorphic microsatellite loci for the Australian plague locust, Chortoicetes terminifera. Molecular Ecology Resources, 2008, 8, 1414-1416.	4.8	17
21	Subspecific taxonomy of the desert locust, Schistocerca gregaria (Orthoptera: Acrididae), based on molecular and morphological characters. Systematic Entomology, 2016, 41, 516-530.	3.9	16
22	Characterization and comparison of microsatellite markers derived from genomic and expressed libraries for the desert locust. Journal of Applied Entomology, 2013, 137, 673-683.	1.8	14
23	A young age of subspecific divergence in the desert locust inferred by ABC random forest. Molecular Ecology, 2020, 29, 4542-4558.	3.9	14
24	Population structures of three Calliptamus spp. (Orthoptera: Acrididae) across the Western Mediterranean Basin. European Journal of Entomology, 2012, 109, 445-455.	1.2	11
25	Long microsatellites and unusually high levels of genetic diversity in the Orthoptera. Insect Molecular Biology, 2012, 21, 181-186.	2.0	10
26	Exploring the relationship between tychoparthenogenesis and inbreeding depression in the Desert Locust, Schistocerca gregaria. Ecology and Evolution, 2017, 7, 6003-6011.	1.9	10
27	Extra Molting and Selection on Nymphal Growth in the Desert Locust. PLoS ONE, 2016, 11, e0155736.	2.5	9
28	Isolation and Characterization of Twelve Polymorphic Microsatellite Loci for the Cocoa Mirid Bug Sahlbergella Singularis. International Journal of Molecular Sciences, 2012, 13, 4412-4417.	4.1	4
29	Fine-scale interactions between habitat quality and genetic variation suggest an impact of grazing on the critically endangered Crau Plain grasshopper (Pamphagidae: Prionotropis rhodanica). Journal of Orthoptera Research, 2018, 27, 61-73.	1.0	4
30	Microsatellite Markers for the Chameleon Grasshopper (Kosciuscola tristis) (Orthoptera: Acrididae), an Australian Alpine Specialist. International Journal of Molecular Sciences, 2012, 13, 12094-12099.	4.1	3
31	Additive genetic variance for traits least related to fitness increases with environmental stress in the desert locust,Schistocerca gregaria. Ecology and Evolution, 2021, 11, 13930-13947.	1.9	3
32	Integrative taxonomy confirms that Gregarina garnhami and G. acridiorum (Apicomplexa,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (distinct species. Parasite, 2021, 28, 12.	2.0	2