

Solenn Stoeckel

List of Publications by Year in descending order

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32
papers

1,191
citations

471509

17
h-index

434195

31
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36
all docs

36
docs citations

36
times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterozygote excess in a self-incompatible and partially clonal forest tree species " Prunus avium L.. Molecular Ecology, 2006, 15, 2109-2118.	3.9	196
2	RClone: a package to identify MultiLocus Clonal Lineages and handle clonal data sets in <scp>r</scp>.. Methods in Ecology and Evolution, 2016, 7, 966-970.	5.2	105
3	Host range expansion of an introduced insect pest through multiple colonizations of specialized clones. Molecular Ecology, 2008, 17, 4608-4618.	3.9	79
4	Genome scans reveal candidate regions involved in the adaptation to host plant in the pea aphid complex. Molecular Ecology, 2012, 21, 5251-5264.	3.9	73
5	Evolutionary and functional insights into reproductive strategies of aphids. Comptes Rendus - Biologies, 2010, 333, 488-496.	0.2	71
6	Genetic Control of Contagious Asexuality in the Pea Aphid. PLoS Genetics, 2014, 10, e1004838.	3.5	67
7	Masculinization of the X Chromosome in the Pea Aphid. PLoS Genetics, 2013, 9, e1003690.	3.5	56
8	Accelerated Evolution of Sex Chromosomes in Aphids, an XO System. Molecular Biology and Evolution, 2012, 29, 837-847.	8.9	55
9	Rare sex or out of reach equilibrium? The dynamics of F IS in partially clonal organisms. BMC Genetics, 2016, 17, 76.	2.7	46
10	The Exact Distributions of FIS under Partial Asexuality in Small Finite Populations with Mutation. PLoS ONE, 2014, 9, e85228.	2.5	44
11	Unequal allelic frequencies at the self-incompatibility locus within local populations of <i>Prunus avium</i> L.: an effect of population structure?. Journal of Evolutionary Biology, 2008, 21, 889-899.	1.7	42
12	Climate and agricultural context shape reproductive mode variation in an aphid crop pest. Molecular Ecology, 2009, 18, 3050-3061.	3.9	41
13	Genetic signature of amphimixis allows for the detection and fine scale localization of sexual reproduction events in a mainly parthenogenetic nematode. Molecular Ecology, 2010, 19, 856-873.	3.9	36
14	New insights into the population genetics of partially clonal organisms: When seagrass data meet theoretical expectations. Molecular Ecology, 2020, 29, 3248-3260.	3.9	32
15	Genetic diversity and fitness in small populations of partially asexual, self-incompatible plants. Heredity, 2010, 104, 482-492.	2.6	28
16	Hybridization between two cryptic filamentous brown seaweeds along the shore: analysing pre- and postzygotic barriers in populations of individuals with varying ploidy levels. Molecular Ecology, 2017, 26, 3497-3512.	3.9	28
17	Untangling structural factors driving genome stabilization in nascent <i>Brassica napus</i> allopolyploids. New Phytologist, 2021, 230, 2072-2084.	7.3	23
18	MICROEVOLUTION OF S-ALLELE FREQUENCIES IN WILD CHERRY POPULATIONS: RESPECTIVE IMPACTS OF NEGATIVE FREQUENCY DEPENDENT SELECTION AND GENETIC DRIFT. Evolution; International Journal of Organic Evolution, 2012, 66, 486-504.	2.3	17

#	ARTICLE	IF	CITATIONS
19	Interpreting realized pollen flow in terms of pollinator travel paths and land-use resistance in heterogeneous landscapes. <i>Landscape Ecology</i> , 2013, 28, 1769-1783.	4.2	17
20	ClonEstiMate, a Bayesian method for quantifying rates of clonality of populations genotyped at two time steps. <i>Molecular Ecology Resources</i> , 2017, 17, e251-e267.	4.8	16
21	Effects of complex life cycles on genetic diversity: cyclical parthenogenesis. <i>Heredity</i> , 2016, 117, 336-347.	2.6	15
22	The Combined Effect of Haplodiplonty and Partial Clonality on Genotypic and Genetic Diversity in a Finite Mutating Population. <i>Journal of Heredity</i> , 2021, 112, 78-91.	2.4	14
23	The discernible and hidden effects of clonality on the genotypic and genetic states of populations: Improving our estimation of clonal rates. <i>Molecular Ecology Resources</i> , 2021, 21, 1068-1084.	4.8	14
24	Hypomethylation of the aquatic invasive plant, <i>Ludwigia grandiflora</i> subsp. <i>hexapetala</i> mimics the adaptive transition into the terrestrial morphotype. <i>Physiologia Plantarum</i> , 2020, 170, 280-298.	5.2	12
25	Longitudinal clines in the frequency distribution of "super-clones" in an aphid crop pest. <i>Bulletin of Entomological Research</i> , 2015, 105, 694-703.	1.0	11
26	After a catastrophe, a little bit of sex is better than nothing: Genetic consequences of a major earthquake on asexual and sexual populations. <i>Evolutionary Applications</i> , 2020, 13, 2086-2100.	3.1	10
27	Exploring the Genetic Consequences of Clonality in Haplodiplontic Taxa. <i>Journal of Heredity</i> , 2021, 112, 92-107.	2.4	10
28	Parental participation in progeny and effective population sizes in experimental seed orchards of wild cherry <i>Prunus avium</i> L. (Batsch). <i>Annals of Forest Science</i> , 2007, 64, 533-539.	2.0	9
29	Interpretation and approximation tools for big, dense Markov chain transition matrices in population genetics. <i>Algorithms for Molecular Biology</i> , 2015, 10, 31.	1.2	8
30	Polymorphism pattern at a miniature inverted repeat transposable element locus downstream of the domestication gene <i>Teosinte branched1</i> in wild and domesticated pearl millet. <i>Molecular Ecology</i> , 2013, 22, 327-340.	3.9	7
31	Self-incompatibility limits sexual reproduction rather than environmental conditions in an invasive water primrose. <i>Plant-Environment Interactions</i> , 2021, 2, 74-86.	1.5	6
32	Late-acting self-incompatible system, preferential allogamy and delayed selfing in the heteromorphic invasive populations of <i>Ludwigia grandiflora</i> subsp. <i>hexapetala</i> . , 0, 2, .		2