

Solenn Stoeckel

List of Publications by Year in descending order

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32
papers

1,191
citations

471509

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434195

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docs citations

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times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Exploring the Genetic Consequences of Clonality in Haplodiplontic Taxa. <i>Journal of Heredity</i> , 2021, 112, 92-107.	2.4	10
4	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
5	Untangling structural factors driving genome stabilization in nascent <i>Brassica napus</i> allopolyploids. <i>New Phytologist</i> , 2021, 230, 2072-2084.	7.3	23
6	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
7	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
8	New insights into the population genetics of partially clonal organisms: When seagrass data meet theoretical expectations. <i>Molecular Ecology</i> , 2020, 29, 3248-3260.	3.9	32
9	Hybridization between two cryptic filamentous brown seaweeds along the shore: analysing pre- and postzygotic barriers in populations of individuals with varying ploidy levels. <i>Molecular Ecology</i> , 2017, 26, 3497-3512.	3.9	28
10	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
11	Rare sex or out of reach equilibrium? The dynamics of FIS in partially clonal organisms. <i>BMC Genetics</i> , 2016, 17, 76.	2.7	46
12	RClone: a package to identify MultiLocus Clonal Lineages and handle clonal data sets in <code>r</code> . <i>Methods in Ecology and Evolution</i> , 2016, 7, 966-970.	5.2	105
13	Effects of complex life cycles on genetic diversity: cyclical parthenogenesis. <i>Heredity</i> , 2016, 117, 336-347.	2.6	15
14	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
15	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
16	The Exact Distributions of FIS under Partial Asexuality in Small Finite Populations with Mutation. <i>PLoS ONE</i> , 2014, 9, e85228.	2.5	44
17	Genetic Control of Contagious Asexuality in the Pea Aphid. <i>PLoS Genetics</i> , 2014, 10, e1004838.	3.5	67
18	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

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19	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
20	Masculinization of the X Chromosome in the Pea Aphid. <i>PLoS Genetics</i> , 2013, 9, e1003690.	3.5	56
21	Accelerated Evolution of Sex Chromosomes in Aphids, an XO System. <i>Molecular Biology and Evolution</i> , 2012, 29, 837-847.	8.9	55
22	Genome scans reveal candidate regions involved in the adaptation to host plant in the pea aphid complex. <i>Molecular Ecology</i> , 2012, 21, 5251-5264.	3.9	73
23	MICROEVOLUTION OF S-ALLELE FREQUENCIES IN WILD CHERRY POPULATIONS: RESPECTIVE IMPACTS OF NEGATIVE FREQUENCY DEPENDENT SELECTION AND GENETIC DRIFT. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 486-504.	2.3	17
24	Genetic signature of amphimixis allows for the detection and fine scale localization of sexual reproduction events in a mainly parthenogenetic nematode. <i>Molecular Ecology</i> , 2010, 19, 856-873.	3.9	36
25	Genetic diversity and fitness in small populations of partially asexual, self-incompatible plants. <i>Heredity</i> , 2010, 104, 482-492.	2.6	28
26	Evolutionary and functional insights into reproductive strategies of aphids. <i>Comptes Rendus - Biologies</i> , 2010, 333, 488-496.	0.2	71
27	Climate and agricultural context shape reproductive mode variation in an aphid crop pest. <i>Molecular Ecology</i> , 2009, 18, 3050-3061.	3.9	41
28	Unequal allelic frequencies at the self-incompatibility locus within local populations of <i>Prunus avium</i> L.: an effect of population structure?. <i>Journal of Evolutionary Biology</i> , 2008, 21, 889-899.	1.7	42
29	Host range expansion of an introduced insect pest through multiple colonizations of specialized clones. <i>Molecular Ecology</i> , 2008, 17, 4608-4618.	3.9	79
30	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
31	Heterozygote excess in a self-incompatible and partially clonal forest tree species " <i>Prunus avium</i> L.. <i>Molecular Ecology</i> , 2006, 15, 2109-2118.	3.9	196
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