

Jean Secondi

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,574
citations

279701

23
h-index

206029

48
g-index

73
all docs

73
docs citations

73
times ranked

4105
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Species Distributions with MAXENT Using a Geographically Biased Sample of Presence Data: A Performance Assessment of Methods for Correcting Sampling Bias. PLoS ONE, 2014, 9, e97122.	1.1	770
2	Paintings predict the distribution of species, or the challenge of selecting environmental predictors and evaluation statistics. Global Ecology and Biogeography, 2018, 27, 245-256.	2.7	336
3	Within-Host Speciation of Malaria Parasites. PLoS ONE, 2007, 2, e235.	1.1	103
4	In-stream and overland dispersal across a river network influences gene flow in a freshwater insect, <i>Calopteryx splendens</i> . Molecular Ecology, 2008, 17, 3496-3505.	2.0	70
5	Modelling the effect of in-stream and overland dispersal on gene flow in river networks. Ecological Modelling, 2009, 220, 3589-3598.	1.2	54
6	Is local selection so widespread in river organisms? Fractal geometry of river networks leads to high bias in outlier detection. Molecular Ecology, 2013, 22, 2065-2073.	2.0	54
7	Species-specific song convergence in a moving hybrid zone between two passerines. Biological Journal of the Linnean Society, 2003, 80, 507-517.	0.7	53
8	Diversity, distribution and exchange of blood parasites meeting at an avian moving contact zone. Molecular Ecology, 2008, 15, 753-763.	2.0	53
9	Confronting expert-based and modelled distributions for species with uncertain conservation status: A case study from the corncrake (<i>Crex crex</i>). Biological Conservation, 2013, 167, 161-171.	1.9	48
10	Breeding strategy and morphological characters in an urban population of blackbirds, <i>Turdus merula</i> . Animal Behaviour, 2001, 61, 969-974.	0.8	47
11	Species distribution models contribute to determine the effect of climate and interspecific interactions in moving hybrid zones. Journal of Evolutionary Biology, 2013, 26, 2487-2496.	0.8	47
12	Condition and Phenotype-Dependent Dispersal in a Damselfly, <i>Calopteryx splendens</i> . PLoS ONE, 2010, 5, e10694.	1.1	40
13	Spreading introgression in the wake of a moving contact zone. Molecular Ecology, 2006, 15, 2463-2475.	2.0	39
14	Impacts of Climate Change on the Global Invasion Potential of the African Clawed Frog <i>Xenopus laevis</i> . PLoS ONE, 2016, 11, e0154869.	1.1	39
15	Are invasive populations characterized by a broader diet than native populations?. PeerJ, 2017, 5, e3250.	0.9	36
16	Satellite-derived vegetation indices as surrogate of species richness and abundance of ground beetles in temperate floodplains. Insect Conservation and Diversity, 2014, 7, 327-333.	1.4	33
17	Topographic wetness index predicts the occurrence of bird species in floodplains. Diversity and Distributions, 2013, 19, 955-963.	1.9	32
18	Artificial light at night alters the sexual behaviour and fertilisation success of the common toad. Environmental Pollution, 2020, 259, 113883.	3.7	31

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19	Ecology and extent of freshwater browning - What we know and what should be studied next in the context of global change. <i>Science of the Total Environment</i> , 2022, 812, 152420.	3.9	31
20	Artificial light at night disturbs the activity and energy allocation of the common toad during the breeding period. , 2019, 7, coz002.		30
21	Male Attractiveness Is Influenced by UV Wavelengths in a Newt Species but Not in Its Close Relative. <i>PLoS ONE</i> , 2012, 7, e30391.	1.1	29
22	Realistic nitrate concentration alters the expression of sexual traits and olfactory male attractiveness in newts. <i>Functional Ecology</i> , 2009, 23, 800-808.	1.7	28
23	Female Attraction to Conspecific Chemical Cues in the Palmate Newt <i>Triturus helveticus</i> . <i>Ethology</i> , 2005, 111, 726-735.	0.5	26
24	Global realized niche divergence in the African clawed frog <i>Xenopus laevis</i> . <i>Ecology and Evolution</i> , 2017, 7, 4044-4058.	0.8	26
25	Hedgerows diminish the value of meadows for grassland birds: Potential conflicts for agri-environment schemes. <i>Agriculture, Ecosystems and Environment</i> , 2014, 189, 21-27.	2.5	25
26	Assessing the effects of artificial light at night on biodiversity across latitude – Current knowledge gaps. <i>Global Ecology and Biogeography</i> , 2020, 29, 404-419.	2.7	24
27	Water Turbidity Affects the Development of Sexual Morphology in the Palmate Newt. <i>Ethology</i> , 2007, 113, 711-720.	0.5	23
28	Detection of a global aquatic invasive amphibian, <i>Xenopus laevis</i> , using environmental DNA. <i>Amphibia - Reptilia</i> , 2016, 37, 131-136.	0.1	23
29	A plea for a worldwide development of dark infrastructure for biodiversity – Practical examples and ways to go forward. <i>Landscape and Urban Planning</i> , 2022, 219, 104332.	3.4	22
30	Short-term resilience of arthropod assemblages after spring flood, with focus on spiders (Arachnida: Tj ETQq0 0 Q rgBT /Overlock 10 T	1.1	20
31	Resources allocated to reproduction decrease at the range edge of an expanding population of an invasive amphibian. <i>Biological Journal of the Linnean Society</i> , 2017, 122, 157-165.	0.7	20
32	Rapid changes in dispersal on a small spatial scale at the range edge of an expanding population. <i>Evolutionary Ecology</i> , 2019, 33, 599-612.	0.5	20
33	Widespread introgression does not leak into allotopy in a broad sympatric zone. <i>Heredity</i> , 2011, 106, 962-972.	1.2	18
34	Vegetation maps based on remote sensing are informative predictors of habitat selection of grassland birds across a wetness gradient. <i>Ecological Indicators</i> , 2015, 58, 47-54.	2.6	18
35	Assessing the impacts of the invasive frog, <i>Xenopus laevis</i> , on Amphibians in western France. <i>Amphibia - Reptilia</i> , 2018, 39, 219-227.	0.1	16
36	Morphological Variation and the Recent Evolution of Wing Length in the Icterine Warbler: A Case of Unidirectional Introgression?. <i>Journal of Avian Biology</i> , 1999, 30, 152.	0.6	15

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37	Evaluating interspecific niche overlaps in environmental and geographic spaces to assess the value of umbrella species. <i>Journal of Avian Biology</i> , 2017, 48, 1563-1574.	0.6	14
38	Variability of surface and underwater nocturnal spectral irradiance with the presence of clouds in urban and peri-urban wetlands. <i>PLoS ONE</i> , 2017, 12, e0186808.	1.1	14
39	Bilateral Song Convergence in a Passerine Hybrid Zone: Genetics Contribute in One Species Only. <i>Evolutionary Biology</i> , 2011, 38, 441-452.	0.5	13
40	Continental-scale patterns of pathogen prevalence: a case study on the corncrake. <i>Evolutionary Applications</i> , 2014, 7, 1043-1055.	1.5	13
41	Artificial light at night alters activity, body mass, and corticosterone level in a tropical anuran. <i>Behavioral Ecology</i> , 2021, 32, 932-940.	1.0	13
42	Corncrake conservation genetics at a European scale: The impact of biogeographical and anthropological processes. <i>Biological Conservation</i> , 2016, 198, 210-219.	1.9	12
43	Changes in the aquatic macroinvertebrate communities throughout the expanding range of an invasive anuran. <i>Food Webs</i> , 2018, 17, e00098.	0.5	12
44	Mate preference, species recognition and multimodal communication in heterogeneous environments. <i>Evolutionary Ecology</i> , 2015, 29, 217-227.	0.5	11
45	Repeated reduction in parasite diversity in invasive populations of <i>Xenopus laevis</i> : a global experiment in enemy release. <i>Biological Invasions</i> , 2019, 21, 1323-1338.	1.2	11
46	Assessing the effect of landscape features on pond colonisation by an elusive amphibian invader using environmental DNA. <i>Freshwater Biology</i> , 2020, 65, 502-513.	1.2	11
47	Morphological clines in dendritic landscapes. <i>Freshwater Biology</i> , 2007, 52, 1677-1688.	1.2	9
48	A case of reproductive character displacement in female palmate newts (<i>Lissotriton helveticus</i>). <i>Comptes Rendus - Biologies</i> , 2009, 332, 548-557.	0.1	9
49	Nitrate affects courting and breathing but not escape performance in adult newts. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1757-1765.	0.6	9
50	Range expansion and retraction along a moving contact zone has no effect on the genetic diversity of two passerine birds. <i>Ecography</i> , 2016, 39, 884-893.	2.1	9
51	Measuring difference in edge avoidance in grassland birds: the Corncrake is less sensitive to hedgerow proximity than passerines. <i>Journal of Ornithology</i> , 2016, 157, 515-523.	0.5	9
52	Network analysis for species management in rivers networks: Application to the Loire River. <i>Biological Conservation</i> , 2017, 210, 26-36.	1.9	9
53	FEMALE RESPONSES TO MALE COOS IN THE COLLARED DOVE <i>STREPTOPELIA DECAOCTO</i> . <i>Behaviour</i> , 2002, 139, 1287-1302.	0.4	8
54	Effects of artificial light at night on the leaf functional traits of freshwater plants. <i>Freshwater Biology</i> , 2021, 66, 2264-2271.	1.2	8

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55	Habitat-Dependent Species Recognition in Hybridizing Newts. <i>Evolutionary Biology</i> , 2014, 41, 71-80.	0.5	7
56	Partial Opsin Sequences Suggest UV-Sensitive Vision is Widespread in Caudata. <i>Evolutionary Biology</i> , 2016, 43, 109-118.	0.5	7
57	An ultraviolet signal generates a conflict between sexual selection and species recognition in a newt. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1049-1058.	0.6	6
58	UV wavelengths experienced during development affect larval newt visual sensitivity and predation efficiency. <i>Biology Letters</i> , 2016, 12, 20150954.	1.0	6
59	Habitat selection in a dynamic seasonal environment: Vegetation composition drives the choice of the breeding habitat for the community of passerines in floodplain grasslands. <i>Biological Conservation</i> , 2018, 228, 301-309.	1.9	6
60	Herbivory increases on freshwater plants exposed to artificial light at night. <i>Aquatic Botany</i> , 2021, 175, 103447.	0.8	6
61	Does the spatial sorting of dispersal traits affect the phenotype of the non-dispersing stages of the invasive frog <i>Xenopus laevis</i> through coupling?. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 257-269.	0.7	6
62	Maintenance of male reaction to the congeneric song in the Hippolais warbler hybrid zone. <i>Behavioural Processes</i> , 1999, 46, 151-158.	0.5	5
63	Ecophysiological models for global invaders: Is Europe a big playground for the African clawed frog?. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 158-172.	0.9	5
64	Transcriptome-wide deregulation of gene expression by artificial light at night in tadpoles of common toads. <i>Science of the Total Environment</i> , 2022, 818, 151734.	3.9	5
65	A lot of convergence, a bit of divergence: Environment and interspecific interactions shape body colour patterns in <i>Lissotriton</i> newts. <i>Journal of Evolutionary Biology</i> , 2022, 35, 575-588.	0.8	5
66	To trill or not to trill? Territorial response to a heterospecific vocal trait in male collared doves, <i>Streptopelia decaocto</i> . <i>Behavioral Ecology</i> , 2003, 14, 694-701.	1.0	4
67	Land cover, individual's age and spatial sorting shape landscape resistance in the invasive frog <i>Xenopus laevis</i> . <i>Journal of Animal Ecology</i> , 2021, 90, 1177-1190.	1.3	4
68	An invasive amphibian drives antipredator responses in two prey at different trophic positions. <i>Behavioral Ecology</i> , 2020, 31, 851-857.	1.0	3
69	Habitat-related variation in the plasticity of a UV-sensitive photoreceptor over a small spatial scale in the palmate newt. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1229-1235.	0.8	3
70	Cross-species Utility of 22 Microsatellite Markers in the Melodious Warbler (<i>Hippolais Polyglotta</i>). <i>Avian Biology Research</i> , 2014, 7, 91-98.	0.4	2
71	No evidence for a loss of genetic diversity despite a strong decline in size of a European population of the Corncrake <i>Crex crex</i> . <i>Bird Conservation International</i> , 2020, 30, 260-266.	0.7	0