Franck Jabot

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3886600/publications.pdf

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37 papers	1,833 citations	394421 19 h-index	361022 35 g-index
44 all docs	44 docs citations	44 times ranked	3575 citing authors

#	Article	IF	Citations
1	Ecophylogenetics: advances and perspectives. Biological Reviews, 2012, 87, 769-785.	10.4	341
2	REVIEW: Predictive ecology in a changing world. Journal of Applied Ecology, 2015, 52, 1293-1310.	4.0	237
3	Reconciling neutral community models and environmental filtering: theory and an empirical test. Oikos, 2008, 117, 1308-1320.	2.7	124
4	Measurement of biological information with applications from genes to landscapes. Molecular Ecology, 2006, 15, 2857-2869.	3.9	111
5	Adaptive approximate Bayesian computation for complex models. Computational Statistics, 2013, 28, 2777-2796.	1.5	105
6	Inferring the parameters of the neutral theory of biodiversity using phylogenetic information and implications for tropical forests. Ecology Letters, 2009, 12, 239-248.	6.4	97
7	Analyzing Tropical Forest Tree Species Abundance Distributions Using a Nonneutral Model and through Approximate Bayesian Inference. American Naturalist, 2011, 178, E37-E47.	2.1	74
8	Easy<scp>ABC</scp>: performing efficient approximate <scp>B</scp>ayesian computation sampling schemes using <scp>R</scp>. Methods in Ecology and Evolution, 2013, 4, 684-687.	5.2	72
9	Shifts in species and phylogenetic diversity between sapling and tree communities indicate negative density dependence in a lowland rain forest. Journal of Ecology, 2010, 98, 137-146.	4.0	64
10	There's no harm in having too much: A comprehensive toolbox of methods in trophic ecology. Food Webs, 2018, 17, e00100.	1.2	47
11	Assessing metacommunity processes through signatures in spatiotemporal turnover of community composition. Ecology Letters, 2020, 23, 1330-1339.	6.4	47
12	Competitive interactions change the pattern of species coâ€•occurrences under neutral dispersal. Oikos, 2017, 126, 91-100.	2.7	44
13	A latitudinal gradient in tree community assembly processes evidenced in <scp>C</scp>hinese forests. Global Ecology and Biogeography, 2015, 24, 314-323.	5.8	43
14	Bitrophic interactions shape biodiversity in space. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4521-4526.	7.1	38
15	Predicting stochastic community dynamics in grasslands under the assumption of competitive symmetry. Journal of Theoretical Biology, 2016, 399, 53-61.	1.7	31
16	A stochastic dispersal-limited trait-based model of community dynamics. Journal of Theoretical Biology, 2010, 262, 650-661.	1.7	28
17	Approximate Bayesian computation to recalibrate individual-based models with population data: Illustration with a forest simulation model. Ecological Modelling, 2015, 306, 278-286.	2.5	27
18	A model-based approach to detect interspecific interactions during biofilm development. Biofouling, 2014, 30, 761-771.	2.2	23

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19	Applying ecological model evaludation: Lessons learned with the forest dynamics model Samsara2. Ecological Modelling, 2015, 314, 1-14.	2.5	22
20	Taxonomic versus functional diversity metrics: how do fish communities respond to anthropogenic stressors in reservoirs?. Ecology of Freshwater Fish, 2017, 26, 621-635.	1.4	22
21	A general modelling framework for resourceâ€ratio and <scp>CSR</scp> theories of plant community dynamics. Journal of Ecology, 2012, 100, 1296-1302.	4.0	21
22	Are food web structures well represented in isotopic spaces?. Functional Ecology, 2017, 31, 1975-1984.	3.6	20
23	Body stoichiometry of heterotrophs: Assessing drivers of interspecific variations in elemental composition. Global Ecology and Biogeography, 2021, 30, 883-895.	5.8	17
24	Non-destructive biomass estimation of herbaceous plant individuals: A transferable method between contrasted environments. Ecological Indicators, 2017, 72, 769-776.	6.3	16
25	Explaining ontogenetic shifts in rootâ€“shoot scaling with transient dynamics. Annals of Botany, 2014, 114, 513-524.	2.9	15
26	Nonâ€random correlation of species dynamics in tropical tree communities. Oikos, 2016, 125, 1733-1742.	2.7	15
27	Nonâ€neutrality in forest communities: evolutionary and ecological determinants of tree species abundance distributions. Oikos, 2016, 125, 237-244.	2.7	10
28	Why preferring parametric forecasting to nonparametric methods?. Journal of Theoretical Biology, 2015, 372, 205-210.	1.7	9
29	Ecology for Sustainable and Multifunctional Agriculture. Sustainable Agriculture Reviews, 2018, , 1-46.	1.1	8
30	Non-equilibrium plant metapopulation dynamics challenge the concept of ancient/recent forest species. Ecological Modelling, 2017, 366, 48-57.	2.5	7
31	Macroecology of seed banks: The role of biogeography, environmental stochasticity and sampling. Global Ecology and Biogeography, 2017, 26, 1247-1257.	5.8	6
32	Projected regional forest plant community dynamics evidence centuriesâ€long effects of habitat turnover. Journal of Vegetation Science, 2018, 29, 480-490.	2.2	5
33	Relative importance of landscape and species characteristics on extinction debt, immigration credit and relaxation time after habitat turnover. Population Ecology, 2019, 61, 383-395.	1.2	4
34	Securing Biodiversity, Functional Integrity, and Ecosystem Services in Drying River Networks (DRYvER). Research Ideas and Outcomes, 0, 7, .	1.0	4
35	On the Simpson index for the Wrightâ€“Fisher process with random selection and immigration. International Journal of Biomathematics, 2020, 13, 2050046.	2.9	3
36	Inter- and intraspecific variability of plant individual growth and its role on species ranking in grasslands. Journal of Plant Ecology, 2020, 13, 378-386.	2.3	0

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37	Fineâ€scale functional metacommunity dynamics: Analysing the role of disturbanceâ€driven environmental variability in grasslands. Journal of Vegetation Science, 2021, 32, e13068.	2.2	0