

Boris Leroy

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

4,374
citations

236612

25
h-index

243296

44
g-index

53
all docs

53
docs citations

53
times ranked

5109
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge gaps in economic costs of invasive alien fish worldwide. <i>Science of the Total Environment</i> , 2022, 803, 149875.	3.9	43
2	Geographic and taxonomic trends of rising biological invasion costs. <i>Science of the Total Environment</i> , 2022, 817, 152948.	3.9	20
3	Managing biological invasions: the cost of inaction. <i>Biological Invasions</i> , 2022, 24, 1927-1946.	1.2	36
4	On the road: Anthropogenic factors drive the invasion risk of a wild solitary bee species. <i>Science of the Total Environment</i> , 2022, 827, 154246.	3.9	17
5	Anthropogenic pressures coincide with Neotropical biodiversity hotspots in a flagship butterfly group. <i>Diversity and Distributions</i> , 2022, 28, 2912-2930.	1.9	18
6	Analysing economic costs of invasive alien species with the <code><scp>invacost r</scp></code> package. <i>Methods in Ecology and Evolution</i> , 2022, 13, 1930-1937.	2.2	26
7	European small pelagic fish distribution under global change scenarios. <i>Fish and Fisheries</i> , 2021, 22, 212-225.	2.7	43
8	Cumulative effects of marine renewable energy and climate change on ecosystem properties: Sensitivity of ecological network analysis. <i>Ecological Indicators</i> , 2021, 121, 107128.	2.6	30
9	High and rising economic costs of biological invasions worldwide. <i>Nature</i> , 2021, 592, 571-576.	13.7	582
10	Impacts of climate change on the Bay of Seine ecosystem: Forcing a spatio-temporal trophic model with predictions from an ecological niche model. <i>Fisheries Oceanography</i> , 2021, 30, 471-489.	0.9	6
11	Revisiting species and areas of interest for conserving global mammalian phylogenetic diversity. <i>Nature Communications</i> , 2021, 12, 3694.	5.8	25
12	Global economic costs of aquatic invasive alien species. <i>Science of the Total Environment</i> , 2021, 775, 145238.	3.9	183
13	Modelling European small pelagic fish distribution: Methodological insights. <i>Ecological Modelling</i> , 2020, 416, 108902.	1.2	28
14	The globally invasive small Indian mongoose <i>Urva auropunctata</i> is likely to spread with climate change. <i>Scientific Reports</i> , 2020, 10, 7461.	1.6	24
15	InvaCost, a public database of the economic costs of biological invasions worldwide. <i>Scientific Data</i> , 2020, 7, 277.	2.4	169
16	Current and future climatic regions favourable for a globally introduced wild carnivore, the raccoon <i>Procyon lotor</i> . <i>Scientific Reports</i> , 2019, 9, 9174.	1.6	26
17	Global biogeographical regions of freshwater fish species. <i>Journal of Biogeography</i> , 2019, 46, 2407-2419.	1.4	61
18	Testing methods in species distribution modelling using virtual species: what have we learnt and what are we missing?. <i>Ecography</i> , 2019, 42, 2021-2036.	2.1	60

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19	Detecting outliers in species distribution data: Some caveats and clarifications on a virtual species study. <i>Journal of Biogeography</i> , 2019, 46, 2141-2144.	1.4	3
20	Correlations between broad-scale taxonomic and genetic differentiations suggest a dominant imprint of historical processes on beta diversities. <i>Journal of Biogeography</i> , 2019, 46, 1083-1095.	1.4	4
21	Species splitting increases estimates of evolutionary history at risk. <i>Biological Conservation</i> , 2019, 235, 27-35.	1.9	19
22	Spontaneous recovery of functional diversity and rarity of ground-living spiders shed light on the conservation importance of recent woodlands. <i>Biodiversity and Conservation</i> , 2019, 28, 687-709.	1.2	9
23	Small and large spatial scale coexistence of ctenid spiders in a neotropical forest (French Guiana). <i>Tropical Zoology</i> , 2018, 31, 85-98.	0.6	10
24	Aquatic urban ecology at the scale of a capital: community structure and interactions in street gutters. <i>ISME Journal</i> , 2018, 12, 253-266.	4.4	11
25	Applying species distribution models to caves and other subterranean habitats. <i>Ecography</i> , 2018, 41, 1194-1208.	2.1	52
26	Insights from modeling studies on how climate change affects invasive alien species geography. <i>Ecology and Evolution</i> , 2018, 8, 5688-5700.	0.8	126
27	Without quality presence-absence data, discrimination metrics such as $\langle \text{scp} \rangle \text{TSS} \langle / \text{scp} \rangle$ can be misleading measures of model performance. <i>Journal of Biogeography</i> , 2018, 45, 1994-2002.	1.4	219
28	Cross-taxon congruence in the rarity of subtidal rocky marine assemblages: No taxonomic shortcut for conservation monitoring. <i>Ecological Indicators</i> , 2017, 77, 239-249.	2.6	5
29	Structural bias in aggregated species-level variables driven by repeated species co-occurrences: a pervasive problem in community and assemblage data. <i>Journal of Biogeography</i> , 2017, 44, 1199-1211.	1.4	45
30	Present and future distribution of three aquatic plants taxa across the world: decrease in native and increase in invasive ranges. <i>Biological Invasions</i> , 2017, 19, 2159-2170.	1.2	93
31	A global picture of biological invasion threat on islands. <i>Nature Ecology and Evolution</i> , 2017, 1, 1862-1869.	3.4	95
32	Major drivers of invasion risks throughout the world. <i>Ecosphere</i> , 2016, 7, e01241.	1.0	102
33	virtualspecies, an R package to generate virtual species distributions. <i>Ecography</i> , 2016, 39, 599-607.	2.1	180
34	Massive yet grossly underestimated global costs of invasive insects. <i>Nature Communications</i> , 2016, 7, 12986.	5.8	546
35	Individual repeatability of foraging behaviour in a marine predator, the great cormorant, <i>Phalacrocorax carbo</i> . <i>Animal Behaviour</i> , 2015, 103, 83-90.	0.8	42
36	Forecasted climate and land use changes, and protected areas: the contrasting case of spiders. <i>Diversity and Distributions</i> , 2014, 20, 686-697.	1.9	52

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37	Complementarity of rarity, specialisation and functional diversity metrics to assess community responses to environmental changes, using an example of spider communities in salt marshes. <i>Ecological Indicators</i> , 2014, 46, 351-357.	2.6	21
38	Intra- and inter-specific variation in size and habitus of two sibling spider species (Araneae: Lycosidae): taxonomic and biogeographic insights from sampling across Europe. <i>Biological Journal of the Linnean Society</i> , 2014, 113, 85-96.	0.7	21
39	Vulnerability of biodiversity hotspots to global change. <i>Global Ecology and Biogeography</i> , 2014, 23, 1376-1386.	2.7	282
40	Twenty years of observed and predicted changes in subtidal red seaweed assemblages along a biogeographical transition zone: inferring potential causes from environmental data. <i>Journal of Biogeography</i> , 2014, 41, 2293-2306.	1.4	56
41	Will climate change promote future invasions?. <i>Global Change Biology</i> , 2013, 19, 3740-3748.	4.2	477
42	First assessment of effects of global change on threatened spiders: Potential impacts on <i>Dolomedes plantarius</i> (Clerck) and its conservation plans. <i>Biological Conservation</i> , 2013, 161, 155-163.	1.9	34
43	Integrating multiple scales in rarity assessments of invertebrate taxa. <i>Diversity and Distributions</i> , 2013, 19, 794-803.	1.9	29
44	Improving occurrence-based rarity metrics in conservation studies by including multiple rarity cut-off points. <i>Insect Conservation and Diversity</i> , 2012, 5, 159-168.	1.4	34
45	Rehabilitation project of a managed marsh: Biodiversity assessment of different management measures. <i>Procedia Environmental Sciences</i> , 2011, 9, 96-103.	1.3	0
46	Detailed assessment of the reported economic costs of invasive species in Australia. <i>NeoBiota</i> , 0, 67, 511-550.	1.0	58
47	The economic costs of biological invasions in Africa: a growing but neglected threat?. <i>NeoBiota</i> , 0, 67, 11-51.	1.0	40
48	Economic costs of invasive alien species in the Mediterranean basin. <i>NeoBiota</i> , 0, 67, 427-458.	1.0	44
49	Economic costs of biological invasions within North America. <i>NeoBiota</i> , 0, 67, 485-510.	1.0	55
50	Biological invasions in France: Alarming costs and even more alarming knowledge gaps. <i>NeoBiota</i> , 0, 67, 191-224.	1.0	36
51	Economic costs of invasive alien species across Europe. <i>NeoBiota</i> , 0, 67, 153-190.	1.0	148