# Boris Leroy

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6073982/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 51 papers | 4,374 citations | 236925 25 h-index | 243625 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. Science of the Total Environment, 2022, 803, 149875. | 8.0 | 43 |
| 2 | Geographic and taxonomic trends of rising biological invasion costs. Science of the Total Environment, 2022, 817, 152948. | 8.0 | 20 |
| 3 | Managing biological invasions: the cost of inaction. Biological Invasions, 2022, 24, 1927-1946. | 2.4 | 36 |
| 4 | On the road: Anthropogenic factors drive the invasion risk of a wild solitary bee species. Science of the Total Environment, 2022, 827, 154246. | 8.0 | 17 |
| 5 | Anthropogenic pressures coincide with Neotropical biodiversity hotspots in a flagship butterfly group. Diversity and Distributions, 2022, 28, 2912-2930. | 4.1 | 18 |
| 6 | Analysing economic costs of invasive alien species with the <scp>invacost r</scp> package. Methods in Ecology and Evolution, 2022, 13, 1930-1937. | 5.2 | 26 |
| 7 | European small pelagic fish distribution under global change scenarios. Fish and Fisheries, 2021, 22, 212-225. | 5.3 | 43 |
| 8 | Cumulative effects of marine renewable energy and climate change on ecosystem properties: Sensitivity of ecological network analysis. Ecological Indicators, 2021, 121, 107128. | 6.3 | 30 |
| 9 | High and rising economic costs of biological invasions worldwide. Nature, 2021, 592, 571-576. | 27.8 | 582 |
| 10 | Impacts of climate change on the Bay of Seine ecosystem: Forcing a spatioâ€temporal trophic model with predictions from an ecological niche model. Fisheries Oceanography, 2021, 30, 471-489. | 1.7 | 6 |
| 11 | Revisiting species and areas of interest for conserving global mammalian phylogenetic diversity. Nature Communications, 2021, 12, 3694. | 12.8 | 25 |
| 12 | Global economic costs of aquatic invasive alien species. Science of the Total Environment, 2021, 775, 145238. | 8.0 | 183 |
| 13 | Modelling European small pelagic fish distribution: Methodological insights. Ecological Modelling, 2020, 416, 108902. | 2.5 | 28 |
| 14 | The globally invasive small Indian mongoose Urva auropunctata is likely to spread with climate change. Scientific Reports, 2020, 10, 7461. | 3.3 | 24 |
| 15 | InvaCost, a public database of the economic costs of biological invasions worldwide. Scientific Data, 2020, 7, 277. | 5.3 | 169 |
| 16 | Current and future climatic regions favourable for a globally introduced wild carnivore, the raccoon Procyon lotor. Scientific Reports, 2019, 9, 9174. | 3.3 | 26 |
| 17 | Global biogeographical regions of freshwater fish species. Journal of Biogeography, 2019, 46, 2407-2419. | 3.0 | 61 |
| 18 | Testing methods in species distribution modelling using virtual species: what have we learnt and what are we missing?. Ecography, 2019, 42, 2021-2036. | 4.5 | 60 |

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|---|---|---|---|
| 19 | Detecting outliers in species distribution data: Some caveats and clarifications on a virtual species study. Journal of Biogeography, 2019, 46, 2141-2144. | 3.0 | 3 |
| 20 | Correlations between broadâ€scale taxonomic and genetic differentiations suggest a dominant imprint of historical processes on beta diversities. Journal of Biogeography, 2019, 46, 1083-1095. | 3.0 | 4 |
| 21 | Species splitting increases estimates of evolutionary history at risk. Biological Conservation, 2019, 235, 27-35. | 4.1 | 19 |
| 22 | Spontaneous recovery of functional diversity and rarity of ground-living spiders shed light on the conservation importance of recent woodlands. Biodiversity and Conservation, 2019, 28, 687-709. | 2.6 | 9 |
| 23 | Small and large spatial scale coexistence of ctenid spiders in a neotropical forest (French Guiana). Tropical Zoology, 2018, 31, 85-98. | 0.6 | 10 |
| 24 | Aquatic urban ecology at the scale of a capital: community structure and interactions in street gutters. ISME Journal, 2018, 12, 253-266. | 9.8 | 11 |
| 25 | Applying species distribution models to caves and other subterranean habitats. Ecography, 2018, 41, 1194-1208. | 4.5 | 52 |
| 26 | Insights from modeling studies on how climate change affects invasive alien species geography. Ecology and Evolution, 2018, 8, 5688-5700. | 1.9 | 126 |
| 27 | Without quality presenceâ€“absence data, discrimination metrics such as <scp>TSS</scp> can be misleading measures of model performance. Journal of Biogeography, 2018, 45, 1994-2002. | 3.0 | 219 |
| 28 | Cross-taxon congruence in the rarity of subtidal rocky marine assemblages: No taxonomic shortcut for conservation monitoring. Ecological Indicators, 2017, 77, 239-249. | 6.3 | 5 |
| 29 | Structural bias in aggregated speciesâ€level variables driven by repeated species coâ€occurrences: a pervasive problem in community and assemblage data. Journal of Biogeography, 2017, 44, 1199-1211. | 3.0 | 45 |
| 30 | Present and future distribution of three aquatic plants taxa across the world: decrease in native and increase in invasive ranges. Biological Invasions, 2017, 19, 2159-2170. | 2.4 | 93 |
| 31 | A global picture of biological invasion threat on islands. Nature Ecology and Evolution, 2017, 1, 1862-1869. | 7.8 | 95 |
| 32 | Major drivers of invasion risks throughout the world. Ecosphere, 2016, 7, e01241. | 2.2 | 102 |
| 33 | virtualspecies, an R package to generate virtual species distributions. Ecography, 2016, 39, 599-607. | 4.5 | 180 |
| 34 | Massive yet grossly underestimated global costs of invasive insects. Nature Communications, 2016, 7, 12986. | 12.8 | 546 |
| 35 | Individual repeatability of foraging behaviour in a marine predator, the great cormorant, Phalacrocorax carbo. Animal Behaviour, 2015, 103, 83-90. | 1.9 | 42 |
| 36 | Forecasted climate and land use changes, and protected areas: the contrasting case of spiders. Diversity and Distributions, 2014, 20, 686-697. | 4.1 | 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. Ecological Indicators, 2014, 46, 351-357. | 6.3 | 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. Biological Journal of the Linnean Society, 2014, 113, 85-96. | 1.6 | 21 |
| 39 | Vulnerability of biodiversity hotspots to global change. Global Ecology and Biogeography, 2014, 23, 1376-1386. | 5.8 | 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. Journal of Biogeography, 2014, 41, 2293-2306. | 3.0 | 56 |
| 41 | Will climate change promote future invasions?. Global Change Biology, 2013, 19, 3740-3748. | 9.5 | 477 |
| 42 | First assessment of effects of global change on threatened spiders: Potential impacts on Dolomedes plantarius (Clerck) and its conservation plans. Biological Conservation, 2013, 161, 155-163. | 4.1 | 34 |
| 43 | Integrating multiple scales in rarity assessments of invertebrate taxa. Diversity and Distributions, 2013, 19, 794-803. | 4.1 | 29 |
| 44 | Improving occurrenceâ€based rarity metrics in conservation studies by including multiple rarity cutâ€off points. Insect Conservation and Diversity, 2012, 5, 159-168. | 3.0 | 34 |
| 45 | Rehabilitation project of a managed marsh: Biodiversity assessment of different management measures. Procedia Environmental Sciences, 2011, 9, 96-103. | 1.4 | 0 |
| 46 | Detailed assessment of the reported economic costs of invasive species in Australia. NeoBiota, 0, 67, 511-550. | 1.0 | 58 |
| 47 | The economic costs of biological invasions in Africa: a growing but neglected threat?. NeoBiota, 0, 67, 11-51. | 1.0 | 40 |
| 48 | Economic costs of invasive alien species in the Mediterranean basin. NeoBiota, 0, 67, 427-458. | 1.0 | 44 |
| 49 | Economic costs of biological invasions within North America. NeoBiota, 0, 67, 485-510. | 1.0 | 55 |
| 50 | Biological invasions in France: Alarming costs and even more alarming knowledge gaps. NeoBiota, 0, 67, 191-224. | 1.0 | 36 |
| 51 | Economic costs of invasive alien species across Europe. NeoBiota, 0, 67, 153-190. | 1.0 | 148 |