

# AurÃ©lie Bonin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1341461/publications.pdf>

Version: 2024-02-01

28  
papers

4,622  
citations

430442

18  
h-index

525886

27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

6577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental DNA of insects and springtails from caves reveals complex processes of eDNA transfer in soils. <i>Science of the Total Environment</i> , 2022, 826, 154022.	3.9	8
2	Effects of soil preservation for biodiversity monitoring using environmental DNA. <i>Molecular Ecology</i> , 2021, 30, 3313-3325.	2.0	21
3	Modelling technical and biological biases in macroinvertebrate community assessment from bulk preservative using multiple metabarcoding markers. <i>Molecular Ecology</i> , 2021, 30, 3221-3238.	2.0	30
4	Comparison of markers for the monitoring of freshwater benthic biodiversity through DNA metabarcoding. <i>Molecular Ecology</i> , 2021, 30, 3189-3202.	2.0	35
5	Morphological vs. DNA metabarcoding approaches for the evaluation of stream ecological status with benthic invertebrates: Testing different combinations of markers and strategies of data filtering. <i>Molecular Ecology</i> , 2021, 30, 3203-3220.	2.0	27
6	Double-digest RAD-sequencing: do pre- and post-sequencing protocol parameters impact biological results?. <i>Molecular Genetics and Genomics</i> , 2021, 296, 457-471.	1.0	13
7	Biodiversity monitoring using environmental DNA. <i>Molecular Ecology Resources</i> , 2021, 21, 1405-1409.	2.2	15
8	Environmental DNA for biomonitoring. <i>Molecular Ecology</i> , 2021, 30, 2931-2936.	2.0	38
9	Assessing changes in stream macroinvertebrate communities across ecological gradients using morphological versus DNA metabarcoding approaches. <i>Science of the Total Environment</i> , 2021, 797, 149030.	3.9	3
10	The Retreat of Mountain Glaciers since the Little Ice Age: A Spatially Explicit Database. <i>Data</i> , 2021, 6, 107.	1.2	13
11	High levels of primary biogenic organic aerosols are driven by only a few plant-associated microbial taxa. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5609-5628.	1.9	16
12	Variability of the Atmospheric PM10 Microbiome in Three Climatic Regions of France. <i>Frontiers in Microbiology</i> , 2020, 11, 576750.	1.5	6
13	A heritable subset of the core rumen microbiome dictates dairy cow productivity and emissions. <i>Science Advances</i> , 2019, 5, eaav8391.	4.7	218
14	DNA metabarcodingâ€™Need for robust experimental designs to draw sound ecological conclusions. <i>Molecular Ecology</i> , 2019, 28, 1857-1862.	2.0	300
15	Body size determines soil community assembly in a tropical forest. <i>Molecular Ecology</i> , 2019, 28, 528-543.	2.0	129
16	Diet shifts by adult flightless dung beetles <i>Circellium bacchus</i> , revealed using DNA metabarcoding, reflect complex life histories. <i>Oecologia</i> , 2018, 188, 107-115.	0.9	19
17	Spatial Representativeness of Environmental DNA Metabarcoding Signal for Fish Biodiversity Assessment in a Natural Freshwater System. <i>PLoS ONE</i> , 2016, 11, e0157366.	1.1	167
18	Oral Samples as Non-Invasive Proxies for Assessing the Composition of the Rumen Microbial Community. <i>PLoS ONE</i> , 2016, 11, e0151220.	1.1	70

#	ARTICLE	IF	CITATIONS
19	<scp>obitools</scp>: a <scp>unix</scp>-inspired software package for <scp>DNA</scp> metabarcoding. Molecular Ecology Resources, 2016, 16, 176-182.	2.2	765
20	Replication levels, false presences and the estimation of the presence/absence from <scp>eDNA</scp> metabarcoding data. Molecular Ecology Resources, 2015, 15, 543-556.	2.2	517
21	Effect of DNA extraction and sample preservation method on rumen bacterial population. Anaerobe, 2014, 29, 80-84.	1.0	81
22	Promoting collaboration between livestock and wildlife conservation genetics communities. Conservation Genetics Resources, 2011, 3, 785-788.	0.4	32
23	Genome scan in the mosquito <i>Aedes rusticus</i> : population structure and detection of positive selection after insecticide treatment. Molecular Ecology, 2010, 19, 325-337.	2.0	50
24	Population Adaptive Index: a New Method to Help Measure Intraspecific Genetic Diversity and Prioritize Populations for Conservation. Conservation Biology, 2007, 21, 697-708.	2.4	186
25	Explorative Genome Scan to Detect Candidate Loci for Adaptation Along a Gradient of Altitude in the Common Frog ( <i>Rana temporaria</i> ). Molecular Biology and Evolution, 2006, 23, 773-783.	3.5	276
26	Genotyping errors: causes, consequences and solutions. Nature Reviews Genetics, 2005, 6, 847-859.	7.7	954
27	Use of Amplified Fragment Length Polymorphism (AFLP) Markers in Surveys of Vertebrate Diversity. Methods in Enzymology, 2005, 395, 145-161.	0.4	40
28	Challenges in assessing adaptive genetic diversity: overview of methods and empirical illustrations. , 2001, , 123-147.		2