

# Ludovic Gielly

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26  
papers

6,947  
citations

19  
h-index

30  
g-index

30  
ext. papers

8,191  
ext. citations

7.6  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
26	Cascading effects of moth outbreaks on subarctic soil food webs. <i>Scientific Reports</i> , <b>2021</b> , 11, 15054	4.9	0
25	Last Glacial Maximum environmental conditions at Andøya, northern Norway; evidence for a northern ice-edge ecological "hotspot" <i>Quaternary Science Reviews</i> , <b>2020</b> , 239, 106364	3.9	16
24	Persistence of environmental DNA in cultivated soils: implication of this memory effect for reconstructing the dynamics of land use and cover changes. <i>Scientific Reports</i> , <b>2020</b> , 10, 10502	4.9	12
23	A 24,000-year ancient DNA and pollen record from the Polar Urals reveals temporal dynamics of arctic and boreal plant communities. <i>Quaternary Science Reviews</i> , <b>2020</b> , 247, 106564	3.9	10
22	New insights on lake sediment DNA from the catchment: importance of taphonomic and analytical issues on the record quality. <i>Scientific Reports</i> , <b>2019</b> , 9, 14676	4.9	36
21	Persistence of arctic-alpine flora during 24,000 years of environmental change in the Polar Urals. <i>Scientific Reports</i> , <b>2019</b> , 9, 19613	4.9	22
20	Holocene floristic diversity and richness in northeast Norway revealed by sedimentary ancient DNA (sedaDNA) and pollen. <i>Boreas</i> , <b>2019</b> , 48, 299-316	2.4	23
19	Clitellate worms (Annelida) in lateglacial and Holocene sedimentary DNA records from the Polar Urals and northern Norway. <i>Boreas</i> , <b>2019</b> , 48, 317-329	2.4	7
18	Mapping the imprint of biotic interactions on βdiversity. <i>Ecology Letters</i> , <b>2018</b> , 21, 1660-1669	10	23
17	Metabarcoding of modern soil DNA gives a highly local vegetation signal in Svalbard tundra. <i>Holocene</i> , <b>2018</b> , 28, 2006-2016	2.6	20
16	Plant DNA metabarcoding of lake sediments: How does it represent the contemporary vegetation. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195403	3.7	66
15	Five thousand years of tropical lake sediment DNA records from Benin. <i>Quaternary Science Reviews</i> , <b>2017</b> , 170, 203-211	3.9	18
14	Lake sedimentary DNA accurately records 20 Century introductions of exotic conifers in Scotland. <i>New Phytologist</i> , <b>2017</b> , 213, 929-941	9.8	51
13	Sedimentary ancient DNA from Lake Skartjvna, Svalbard: Assessing the resilience of arctic flora to Holocene climate change. <i>Holocene</i> , <b>2016</b> , 26, 627-642	2.6	61
12	Reconstructing long-term human impacts on plant communities: an ecological approach based on lake sediment DNA. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1485-98	5.7	70
11	Replication levels, false presences and the estimation of the presence/absence from eDNA metabarcoding data. <i>Molecular Ecology Resources</i> , <b>2015</b> , 15, 543-56	8.4	352
10	Highly overlapping winter diet in two sympatric lemming species revealed by DNA metabarcoding. <i>PLoS ONE</i> , <b>2015</b> , 10, e0115335	3.7	79

9	Long livestock farming history and human landscape shaping revealed by lake sediment DNA. <i>Nature Communications</i> , <b>2014</b> , 5, 3211	17.4	170
8	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , <b>2014</b> , 506, 47-51	50.4	351
7	Soil sampling and isolation of extracellular DNA from large amount of starting material suitable for metabarcoding studies. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1816-20	5.7	166
6	DNA from soil mirrors plant taxonomic and growth form diversity. <i>Molecular Ecology</i> , <b>2012</b> , 21, 3647-55	5.7	170
5	Using next-generation sequencing for molecular reconstruction of past Arctic vegetation and climate. <i>Molecular Ecology Resources</i> , <b>2010</b> , 10, 1009-18	8.4	141
4	New perspectives in diet analysis based on DNA barcoding and parallel pyrosequencing: the trnL approach. <i>Molecular Ecology Resources</i> , <b>2009</b> , 9, 51-60	8.4	298
3	Power and limitations of the chloroplast trnL (UAA) intron for plant DNA barcoding. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, e14	20.1	603
2	Universal primers for amplification of three non-coding regions of chloroplast DNA. <i>Plant Molecular Biology</i> , <b>1991</b> , 17, 1105-9	4.6	4179
1	Soil community assembly varies across body sizes in a tropical forest		2