Ludovic Gielly

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/78768/publications.pdf

Version: 2024-02-01

29 papers	9,250 citations	318942 23 h-index	563245 28 g-index
30 all docs	30 docs citations	30 times ranked	9486 citing authors

#	Article	IF	Citations
1	ORTHOSKIM: In silico sequence capture from genomic and transcriptomic libraries for phylogenomic and barcoding applications. Molecular Ecology Resources, 2022, 22, 2018-2037.	2.2	7
2	Energy and physiological tolerance explain multiâ€trophic soil diversity in temperate mountains. Diversity and Distributions, 2022, 28, 2549-2564.	1.9	7
3	Differential effects of soil trophic networks on microbial decomposition activity in mountain ecosystems. Soil Biology and Biochemistry, 2022, 172, 108771.	4.2	4
4	Cascading effects of moth outbreaks on subarctic soil food webs. Scientific Reports, 2021, 11, 15054.	1.6	12
5	Persistence of environmental DNA in cultivated soils: implication of this memory effect for reconstructing the dynamics of land use and cover changes. Scientific Reports, 2020, 10, 10502.	1.6	37
6	A 24,000-year ancient DNA and pollen record from the Polar Urals reveals temporal dynamics of arctic and boreal plant communities. Quaternary Science Reviews, 2020, 247, 106564.	1.4	38
7	Last Glacial Maximum environmental conditions at AndÃ¸ya, northern Norway; evidence for a northern ice-edge ecological â€œhotspotâ€• Quaternary Science Reviews, 2020, 239, 106364.	1.4	34
8	New insights on lake sediment DNA from the catchment: importance of taphonomic and analytical issues on the record quality. Scientific Reports, 2019, 9, 14676.	1.6	103
9	Persistence of arctic-alpine flora during 24,000 years of environmental change in the Polar Urals. Scientific Reports, 2019, 9, 19613.	1.6	41
10	Holocene floristic diversity and richness in northeast Norway revealed by sedimentary ancient <scp>DNA</scp> (seda<scp>DNA</scp>) and pollen. Boreas, 2019, 48, 299-316.	1.2	45
11	Clitellate worms (Annelida) in lateglacial and Holocene sedimentary <scp>DNA</scp> records from the Polar Urals and northern Norway. Boreas, 2019, 48, 317-329.	1.2	18
12	Metabarcoding of modern soil DNA gives a highly local vegetation signal in Svalbard tundra. Holocene, 2018, 28, 2006-2016.	0.9	52
13	Plant DNA metabarcoding of lake sediments: How does it represent the contemporary vegetation. PLoS ONE, 2018, 13, e0195403.	1.1	136
14	Mapping the imprint of biotic interactions on Î²â€diversity. Ecology Letters, 2018, 21, 1660-1669.	3.0	40
15	Five thousand years of tropical lake sediment DNA records from Benin. Quaternary Science Reviews, 2017, 170, 203-211.	1.4	60
16	Lake sedimentary <scp>DNA</scp> accurately records 20th Century introductions of exotic conifers in Scotland. New Phytologist, 2017, 213, 929-941.	3.5	89
17	Sedimentary ancient DNA from Lake SkartjÃ¸rna, Svalbard: Assessing the resilience of arctic flora to Holocene climate change. Holocene, 2016, 26, 627-642.	0.9	97
18	Highly Overlapping Winter Diet in Two Sympatric Lemming Species Revealed by DNA Metabarcoding. PLoS ONE, 2015, 10, e0115335.	1.1	125

#	Article	IF	Citations
19	Reconstructing longâ€term human impacts on plant communities: an ecological approach based on lake sediment <scp>DNA</scp>. Molecular Ecology, 2015, 24, 1485-1498.	2.0	109
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	Long livestock farming history and human landscape shaping revealed by lake sediment DNA. Nature Communications, 2014, 5, 3211.	5.8	297
22	Fifty thousand years of Arctic vegetation and megafaunal diet. Nature, 2014, 506, 47-51.	13.7	505
23	Soil sampling and isolation of extracellular DNA from large amount of starting material suitable for metabarcoding studies. Molecular Ecology, 2012, 21, 1816-1820.	2.0	264
24	DNA from soil mirrors plant taxonomic and growth form diversity. Molecular Ecology, 2012, 21, 3647-3655.	2.0	262
25	Using nextâ€generation sequencing for molecular reconstruction of past Arctic vegetation and climate. Molecular Ecology Resources, 2010, 10, 1009-1018.	2.2	196
26	New perspectives in diet analysis based on DNA barcoding and parallel pyrosequencing: the trnL approach. Molecular Ecology Resources, 2009, 9, 51-60.	2.2	358
27	Power and limitations of the chloroplast trnL (UAA) intron for plant DNA barcoding. Nucleic Acids Research, 2007, 35, e14-e14.	6.5	842
28	Universal primers for amplification of three non-coding regions of chloroplast DNA. Plant Molecular Biology, 1991, 17, 1105-1109.	2.0	4,945
29	Two Millennia of Complexity and Variability in a Perialpine Socioecological System (Savoie, France): The Contribution of Palynology and sedaDNA Analysis. Frontiers in Ecology and Evolution, 0, 10, .	1.1	5