

# Guillaume de Lafontaine

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,062  
citations

566801

15  
h-index

476904

29  
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30  
all docs

30  
docs citations

30  
times ranked

1636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate refugia: joint inference from fossil records, species distribution models and phylogeography. <i>New Phytologist</i> , 2014, 204, 37-54.	3.5	361
2	Stronger spatial genetic structure in recolonized areas than in refugia in the European beech. <i>Molecular Ecology</i> , 2013, 22, 4397-4412.	2.0	80
3	Invoking adaptation to decipher the genetic legacy of past climate change. <i>Ecology</i> , 2018, 99, 1530-1546.	1.5	72
4	Phylogeography of white spruce ( <i>Picea glauca</i> ) in eastern North America reveals contrasting ecological trajectories. <i>Journal of Biogeography</i> , 2010, 37, 741-751.	1.4	61
5	Cryptic no more: soil macrofossils uncover Pleistocene forest microrefugia within a periglacial desert. <i>New Phytologist</i> , 2014, 204, 715-729.	3.5	54
6	The Quaternary coversands of southwest France. <i>Quaternary Science Reviews</i> , 2015, 124, 84-105.	1.4	40
7	Tracking the progression of speciation: variable patterns of introgression across the genome provide insights on the species delimitation between progenitor and derivative spruces ( <i>Picea mariana</i> and <i>P. canadensis</i> ). <i>Molecular Ecology</i> , 2018, 27, 1073-1087.	2.0	34
8	Soil charcoal stability over the Holocene across boreal northeastern North America. <i>Quaternary Research</i> , 2011, 76, 196-200.	1.0	31
9	Multiplexed microsatellite markers for genetic studies of beech. <i>Molecular Ecology Resources</i> , 2012, 12, 484-491.	2.2	31
10	Shifting zonal patterns of the southern boreal forest in eastern Canada associated with changing fire regime during the Holocene. <i>Quaternary Science Reviews</i> , 2011, 30, 867-875.	1.4	30
11	Integrating phylogeography and paleoecology to investigate the origin and dynamics of hybrid zones: insights from two widespread North American firs. <i>Molecular Ecology</i> , 2015, 24, 2856-2870.	2.0	30
12	Contrasted patterns of local adaptation to climate change across the range of an evergreen oak, <i>Quercus aquifolioides</i> . <i>Evolutionary Applications</i> , 2020, 13, 2377-2391.	1.5	28
13	Long-term fire and forest history of subalpine balsam fir ( <i>Abies balsamea</i> ) and white spruce ( <i>Picea glauca</i> ) stands in eastern Canada inferred from soil charcoal analysis. <i>Holocene</i> , 2012, 22, 191-201.	0.9	26
14	The critical role of local refugia in postglacial colonization of Chinese pine: joint inferences from DNA analyses, pollen records, and species distribution modeling. <i>Ecography</i> , 2018, 41, 592-606.	2.1	26
15	Beyond skepticism: uncovering cryptic refugia using multiple lines of evidence. <i>New Phytologist</i> , 2014, 204, 450-454.	3.5	24
16	The Origin and Dynamics of Subalpine White Spruce and Balsam Fir Stands in Boreal Eastern North America. <i>Ecosystems</i> , 2010, 13, 932-947.	1.6	18
17	Permineralization process promotes preservation of Holocene macrofossil charcoal in soils. <i>Journal of Quaternary Science</i> , 2011, 26, 571-575.	1.1	16
18	Rethinking long-term vegetation dynamics: multiple glacial refugia and local expansion of a species complex. <i>Ecography</i> , 2019, 42, 1056-1067.	2.1	16

#	ARTICLE	IF	CITATIONS
19	Asymmetry matters: A genomic assessment of directional biases in gene flow between hybridizing spruces. <i>Ecology and Evolution</i> , 2017, 7, 3883-3893.	0.8	14
20	Effects of 20th-century settlement fires on landscape structure and forest composition in eastern Quebec, Canada. <i>Journal of Vegetation Science</i> , 2020, 31, 40-52.	1.1	11
21	A tale of two conifers: Migration across a dispersal barrier outpaced regional expansion from refugia. <i>Journal of Biogeography</i> , 2021, 48, 2133-2143.	1.4	11
22	Joint inferences from cytoplasmic <i>cpDNA</i> and fossil data provide evidence for glacial vicariance and contrasted post-glacial dynamics in tamarack, a transcontinental conifer. <i>Journal of Biogeography</i> , 2016, 43, 1227-1241.	1.4	10
23	The Evolution of Paleocology. <i>Trends in Ecology and Evolution</i> , 2020, 35, 293-295.	4.2	9
24	Species richness along a production gradient: a multivariate approach. <i>American Journal of Botany</i> , 2007, 94, 79-88.	0.8	7
25	Soil charcoal stability over the Holocene—Response to comments by Mikael Ohlson. <i>Quaternary Research</i> , 2012, 78, 155-156.	1.0	7
26	Exploring genomic variation associated with drought stress in <i>Picea mariana</i> populations. <i>Ecology and Evolution</i> , 2020, 10, 9271-9282.	0.8	5
27	Ice-age persistence and genetic isolation of the disjunct distribution of larch in Alaska. <i>Ecology and Evolution</i> , 2020, 10, 1692-1702.	0.8	4
28	Spruce Population Genomics. <i>Population Genomics</i> , 2021, , 1.	0.2	2
29	Protocole de suivi des populations d'aster du Saint-Laurent, <i>Symphytotrichum laurentianum</i> , aux Îles-de-la-Madeleine. <i>Canadian Field-Naturalist</i> , 2005, 119, 556.	0.0	1
30	How Climate and Fire Disturbances Influence Contrasted Dynamics of <i>Picea glauca</i> Ecotones at Alpine Tree Lines in Atlantic and Continental Eastern North America. , 2012, , 299-312.		1