

Sebastien Leblond

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

452
citations

687363

13
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Are cadmium, lead and mercury concentrations in mosses across Europe primarily determined by atmospheric deposition of these metals?. <i>Journal of Soils and Sediments</i> , 2010, 10, 1572-1584.	3.0	60
2	Relationship between site-specific nitrogen concentrations in mosses and measured wet bulk atmospheric nitrogen deposition across Europe. <i>Environmental Pollution</i> , 2014, 194, 50-59.	7.5	48
3	First Europe-wide correlation analysis identifying factors best explaining the total nitrogen concentration in mosses. <i>Atmospheric Environment</i> , 2010, 44, 3485-3491.	4.1	46
4	First thorough identification of factors associated with Cd, Hg and Pb concentrations in mosses sampled in the European Surveys 1990, 1995, 2000 and 2005. <i>Journal of Atmospheric Chemistry</i> , 2009, 63, 109-124.	3.2	39
5	Spatially valid data of atmospheric deposition of heavy metals and nitrogen derived by moss surveys for pollution risk assessments of ecosystems. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10457-10476.	5.3	35
6	Biological and Temporal Variations of Trace Element Concentrations in the Moss Species <i>Scleropodium purum</i> (Hedw.) Limpr.. <i>Journal of Atmospheric Chemistry</i> , 2004, 49, 95-110.	3.2	30
7	Spatial analysis of trace elements in a moss bio-monitoring data over France by accounting for source, protocol and environmental parameters. <i>Science of the Total Environment</i> , 2017, 590-591, 602-610.	8.0	30
8	Assessing spatial patterns of metal bioaccumulation in French mosses by means of an exposure index. <i>Environmental Science and Pollution Research</i> , 2009, 16, 499-507.	5.3	28
9	Modelling and mapping heavy metal and nitrogen concentrations in moss in 2010 throughout Europe by applying Random Forests models. <i>Atmospheric Environment</i> , 2017, 156, 146-159.	4.1	22
10	Relevance of canopy drip for the accumulation of nitrogen in moss used as biomonitors for atmospheric nitrogen deposition in Europe. <i>Science of the Total Environment</i> , 2015, 538, 600-610.	8.0	20
11	Long-term exposure to atmospheric metals assessed by mosses and mortality in France. <i>Environment International</i> , 2019, 129, 145-153.	10.0	20
12	Assessment of the uncertainty of trace metal and nitrogen concentrations in mosses due to sampling, sample preparation and chemical analysis based on the French contribution to ICP-Vegetation. <i>Ecological Indicators</i> , 2016, 71, 20-31.	6.3	18
13	The coastal environment affects lead and sodium uptake by the moss <i>Hypnum cupressiforme</i> used as an air pollution biomonitor. <i>Chemosphere</i> , 2018, 193, 506-513.	8.2	15
14	Modelling spatial patterns of correlations between concentrations of heavy metals in mosses and atmospheric deposition in 2010 across Europe. <i>Environmental Sciences Europe</i> , 2018, 30, 53.	5.5	15
15	Assessing temporal trends of trace metal concentrations in mosses over France between 1996 and 2011: A flexible and robust method to account for heterogeneous sampling strategies. <i>Environmental Pollution</i> , 2017, 220, 828-836.	7.5	8
16	Bioindication and modelling of atmospheric deposition in forests enable exposure and effect monitoring at high spatial density across scales. <i>Annals of Forest Science</i> , 2017, 74, 1.	2.0	7
17	Are <i>Grimmia</i> Mosses Good Biomonitors for Urban Atmospheric Metallic Pollution? Preliminary Evidence from a French Case Study on Cadmium. <i>Atmosphere</i> , 2021, 12, 491.	2.3	3
18	An assessment of the endemic spermatophytes, pteridophytes and bryophytes of the French Overseas Territories: towards a better conservation outlook. <i>Biodiversity and Conservation</i> , 2021, 30, 2097-2124.	2.6	2

#	ARTICLE	IF	CITATIONS
19	Modeling exposure to airborne metals using moss biomonitoring in cemeteries in two urban areas around Paris and Lyon in France. <i>Environmental Pollution</i> , 2022, 303, 119097.	7.5	2
20	Checklist of the Liverworts and Hornworts of French Polynesia. <i>Cryptogamie, Bryologie</i> , 2021, 42, .	0.2	1
21	Exposure to airborne cadmium and lead and cognitive function in an adult population in rural France. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0