

Fabrice Lambert

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

6,621
citations

186265
28
h-index

175258
52
g-index

78
all docs

78
docs citations

78
times ranked

6917
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional patterns and temporal evolution of ocean iron fertilization and CO ₂ drawdown during the last glacial termination. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116675.	4.4	8
2	Anthropogenic Perturbations to the Atmospheric Molybdenum Cycle. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006787.	4.9	12
3	Major atmospheric particulate matter sources for glaciers in Coquimbo Region, Chile. <i>Environmental Science and Pollution Research</i> , 2021, 28, 36817-36827.	5.3	4
4	The role of climate and disturbance regimes upon temperate rainforests during the Holocene: A stratigraphic perspective from Lago Fonk (44°S), northwestern Patagonia. <i>Quaternary Science Reviews</i> , 2021, 258, 106890.	3.0	10
5	Radiocarbon bomb-peak signal in tree-rings from the tropical Andes register low latitude atmospheric dynamics in the Southern Hemisphere. <i>Science of the Total Environment</i> , 2021, 774, 145126.	8.0	17
6	Estimating coastal flood hazard of Tossa de Mar, Spain: a combined model – data interviews approach. <i>Natural Hazards</i> , 2021, 109, 2153-2171.	3.4	3
7	Contaminant emissions as indicators of chemical elements in the snow along a latitudinal gradient in southern Andes. <i>Scientific Reports</i> , 2021, 11, 14530.	3.3	4
8	Past abrupt changes, tipping points and cascading impacts in the Earth system. <i>Nature Geoscience</i> , 2021, 14, 550-558.	12.9	62
9	Present-Day Patagonian Dust Emissions: Combining Surface Visibility, Mass Flux, and Reanalysis Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034459.	3.3	6
10	Permafrost evolution in a mountain catchment near Santiago de Chile. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103293.	1.4	6
11	Spatial distribution and interannual variability of coastal fog and low clouds cover in the hyperarid Atacama Desert and implications for past and present <i>Tillandsia landbeckii</i> ecosystems. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.9	12
12	Mineral dust in PMIP simulations: A short review. <i>Past Global Change Magazine</i> , 2021, 29, 86-87.	0.1	1
13	Sedimentation rate of settleable particulate matter in Santiago city, Chile. <i>Environmental Quality Management</i> , 2020, 29, 17-25.	1.9	0
14	The Structure of Climate Variability Across Scales. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000657.	23.0	71
15	Holocene dust dynamics: Introduction to the special issue. <i>Holocene</i> , 2020, 30, 489-491.	1.7	0
16	Elemental and Mineralogical Composition of the Western Andean Snow (18°S–41°S). <i>Scientific Reports</i> , 2019, 9, 8130.	3.3	5
17	Multidecadal environmental pollution in a mega-industrial area in central Chile registered by tree rings. <i>Science of the Total Environment</i> , 2019, 696, 133915.	8.0	40
18	Emergence of robust precipitation changes across crop production areas in the 21st century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6673-6678.	7.1	76

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19	Black carbon and other light-absorbing impurities in snow in the Chilean Andes. <i>Scientific Reports</i> , 2019, 9, 4008.	3.3	42
20	Spiky fluctuations and scaling in high-resolution EPICA ice core dust fluxes. <i>Climate of the Past</i> , 2019, 15, 1999-2017.	3.4	7
21	Precession modulation of the South Pacific westerly wind belt over the past million years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23455-23460.	7.1	26
22	In and out of glacial extremes by way of dustâˆ™ climate feedbacks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2026-2031.	7.1	18
23	Onset and Evolution of Southern Annular Mode-Like Changes at Centennial Timescale. <i>Scientific Reports</i> , 2018, 8, 3458.	3.3	87
24	Metal concentrations and source identification in Chilean public childrenâ€™s playgrounds. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 703.	2.7	22
25	The PMIP4 contribution to CMIP6 â€œ Part 1: Overview and over-arching analysis plan. <i>Geoscientific Model Development</i> , 2018, 11, 1033-1057.	3.6	164
26	New insights into the use of stable water isotopes at the northern Antarctic Peninsula as a tool for regional climate studies. <i>Cryosphere</i> , 2018, 12, 1069-1090.	3.9	12
27	Evolution of air quality in Santiago: The role of mobility and lessons from the science-policy interface. <i>Elementa</i> , 2018, 6, .	3.2	28
28	Anthropogenic drying in central-southern Chile evidenced by long-term observations and climate model simulations. <i>Elementa</i> , 2018, 6, .	3.2	94
29	ENSO Influence on Coastal Fog-Water Yield in the Atacama Desert, Chile. <i>Aerosol and Air Quality Research</i> , 2018, 18, 127-144.	2.1	35
30	Coupled European and Greenland last glacial dust activity driven by North Atlantic climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10632-E10638.	7.1	77
31	Temporal evolution of main ambient PM _{2.5} sources in Santiago, Chile, from 1998 to 2012. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10093-10107.	4.9	40
32	The PMIP4 contribution to CMIP6 â€œ Part 4: Scientific objectives and experimental design of the PMIP4-CMIP6 Last Glacial Maximum experiments and PMIP4 sensitivity experiments. <i>Geoscientific Model Development</i> , 2017, 10, 4035-4055.	3.6	137
33	An improved land biosphere module for use in the DCESS Earth system model (version 1.1) with application to the last glacial termination. <i>Geoscientific Model Development</i> , 2017, 10, 3481-3498.	3.6	0
34	Mitigation of drought negative effect on ecosystem productivity by vegetation mixing. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2667-2683.	3.0	13
35	Pollution and its Impacts on the South American Cryosphere. <i>Earth's Future</i> , 2015, 3, 345-369.	6.3	42
36	Dust fluxes and iron fertilization in Holocene and Last Glacial Maximum climates. <i>Geophysical Research Letters</i> , 2015, 42, 6014-6023.	4.0	83

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37	A review of the bipolar seesaw from synchronized and high resolution ice core water stable isotope records from Greenland and East Antarctica. <i>Quaternary Science Reviews</i> , 2015, 114, 18-32.	3.0	63
38	Increased Dust Deposition in the Pacific Southern Ocean During Glacial Periods. <i>Science</i> , 2014, 343, 403-407.	12.6	184
39	The role of mineral-dust aerosols in polar temperature amplification. <i>Nature Climate Change</i> , 2013, 3, 487-491.	18.8	70
40	Centennial mineral dust variability in high-resolution ice core data from Dome C, Antarctica. <i>Climate of the Past</i> , 2012, 8, 609-623.	3.4	136
41	The role of the ocean in pleistocene climate changes. <i>Doklady Earth Sciences</i> , 2010, 432, 659-662.	0.7	2
42	Changes in environment over the last 800,000 years from chemical analysis of the EPICA Dome C ice core. <i>Quaternary Science Reviews</i> , 2010, 29, 285-295.	3.0	183
43	Atmospheric decadal variability from high-resolution Dome C ice core records of aerosol constituents beyond the Last Interglacial. <i>Quaternary Science Reviews</i> , 2010, 29, 324-337.	3.0	14
44	Dust-climate couplings over the past 800,000 years from the EPICA Dome C ice core. <i>Nature</i> , 2008, 452, 616-619.	27.8	587
45	Proxies and Measurement Techniques for Mineral Dust in Antarctic Ice Cores. <i>Environmental Science & Technology</i> , 2008, 42, 5675-5681.	10.0	81
46	The Southern Hemisphere at glacial terminations: insights from the Dome C ice core. <i>Climate of the Past</i> , 2008, 4, 345-356.	3.4	57
47	Reconstruction of millennial changes in dust emission, transport and regional sea ice coverage using the deep EPICA ice cores from the Atlantic and Indian Ocean sector of Antarctica. <i>Earth and Planetary Science Letters</i> , 2007, 260, 340-354.	4.4	193
48	Erratum to "Reconstruction of millennial changes in dust emission, transport and regional sea ice coverage using the deep EPICA ice cores from the Atlantic and Indian Ocean sector of Antarctica" [Earth Planet. Sci. Lett. 260 (2007) 340-354]. <i>Earth and Planetary Science Letters</i> , 2007, 262, 635-636.	4.4	1
49	Synchronisation of the EDML and EDC ice cores for the last 52 kyr by volcanic signature matching. <i>Climate of the Past</i> , 2007, 3, 367-374.	3.4	73
50	Aerosol deposited in East Antarctica over the last glacial cycle: Detailed apportionment of continental and sea-salt contributions. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	47
51	Southern Ocean sea-ice extent, productivity and iron flux over the past eight glacial cycles. <i>Nature</i> , 2006, 440, 491-496.	27.8	482
52	One-to-one coupling of glacial climate variability in Greenland and Antarctica. <i>Nature</i> , 2006, 444, 195-198.	27.8	1,111
53	Eight glacial cycles from an Antarctic ice core. <i>Nature</i> , 2004, 429, 623-628.	27.8	2,015
54	Extending the ice core record beyond half a million years. <i>Eos</i> , 2002, 83, 509.	0.1	15