

# Pierre Lahitte

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,137  
citations

471509

17  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochronological evolution of the potentially active Iliniza Volcano (Ecuador) based on new K-Ar ages. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 424, 107489.	2.1	5
2	A 22,000-year tephrostratigraphy record of unidentified volcanic eruptions from Ternate and Tidore islands (North Maluku, Indonesia). <i>Journal of Volcanology and Geothermal Research</i> , 2022, 423, 107474.	2.1	3
3	The westernmost Late Miocene–Pliocene volcanic activity in the Vardar zone (North Macedonia). <i>International Journal of Earth Sciences</i> , 2022, 111, 749-766.	1.8	2
4	The eruptive chronology of the Carihuairazo volcano (Ecuador): Recurrent sector collapses of a Middle Pleistocene stratovolcano of the northern andes. <i>Journal of South American Earth Sciences</i> , 2022, 116, 103865.	1.4	2
5	Large-magnitude (VEI 7) explosive silicic eruption preserved a Lower Miocene habitat at the polytarn Fossil Site, North Hungary. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
6	Growth and erosion rates of the East Carpathians volcanoes constrained by numerical models: Tectonic and climatic implications. <i>Geomorphology</i> , 2020, 368, 107352.	2.6	16
7	Eruptive history of the Late Quaternary Ciomadul (Csomád) volcano, East Carpathians, part I: timing of lava dome activity. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	8
8	Eruptive history of the Late Quaternary Ciomadul (Csomád) volcano, East Carpathians, part II: magma output rates. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	13
9	Landscape evolution on the eastern part of Lombok (Indonesia) related to the 1257 CE eruption of the Samalas Volcano. <i>Geomorphology</i> , 2019, 327, 338-350.	2.6	16
10	Eruptive chronology of Tungurahua volcano (Ecuador) revisited based on new K-Ar ages and geomorphological reconstructions. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 357, 378-398.	2.1	28
11	High-resolution K-Ar dating of a complex magmatic system: The example of Basse-Terre Island (French Tj ETQq1 1 0,784314 ggBT /Over	2.1	20
12	Construction and destruction of Mont Pelée volcano: Volumes and rates constrained from a geomorphological model of evolution. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1206-1226.	2.8	31
13	Volcanic evolution of central Basse-Terre Island revisited on the basis of new geochronology and geomorphology data. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	20
14	Construction and destruction rates of volcanoes within tropical environment: Examples from the Basse-Terre Island (Guadeloupe, Lesser Antilles). <i>Geomorphology</i> , 2015, 228, 597-607.	2.6	34
15	Source of the great A.D. 1257 mystery eruption unveiled, Samalas volcano, Rinjani Volcanic Complex, Indonesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16742-16747.	7.1	213
16	DEM-based reconstruction of southern Basse-Terre volcanoes (Guadeloupe archipelago, FWI): Contribution to the Lesser Antilles Arc construction rates and magma production. <i>Geomorphology</i> , 2012, 136, 148-164.	2.6	40
17	Geomorphic evolution of the Piton des Neiges volcano (Réunion Island, Indian Ocean): Competition between volcanic construction and erosion since 1.4Ma. <i>Geomorphology</i> , 2012, 136, 132-147.	2.6	59
18	The K-Ar Cassinoli-Gillot technique applied to western Martinique lavas: A record of Lesser Antilles arc activity from 2Ma to Mount Pelée volcanism. <i>Quaternary Geochronology</i> , 2011, 6, 341-355.	1.4	62

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19	The volcanic evolution of Martinique Island: Insights from $^{40}\text{Ar}$ dating into the Lesser Antilles arc migration since the Oligocene. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 208, 122-135.	2.1	68
20	Borobudur, a basin under volcanic influence: 361,000 years BP to present. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 196, 245-264.	2.1	17
21	The eruptive history of Morne Jacob volcano (Martinique Island, French West Indies): Geochronology, geomorphology and geochemistry of the earliest volcanism in the recent Lesser Antilles arc. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 198, 297-310.	2.1	50
22	Effusive history of the Grande Découverte Volcanic Complex, southern Basse-Terre (Guadeloupe, French West Indies). <i>Journal of Volcanology and Geothermal Research</i> , 2009, 187, 117-130.	2.1	49
23	Timing of effusive volcanism and collapse events within an oceanic arc island: Basse-Terre, Guadeloupe archipelago (Lesser Antilles Arc). <i>Earth and Planetary Science Letters</i> , 2007, 258, 175-191.	4.4	114
24	The Pianico tephra: an early Middle Pleistocene record of intraplate volcanism in the Mediterranean. <i>Terra Nova</i> , 2003, 15, 176-186.	2.1	8
25	New paleomagnetic and geochronologic results from Ethiopian Afar: Block rotations linked to rift overlap and propagation and determination of a $^{42}\text{Ma}$ reference pole for stable Africa. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	67
26	New age constraints on the timing of volcanism in central Afar, in the presence of propagating rifts. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	70
27	Silicic central volcanoes as precursors to rift propagation: the Afar case. <i>Earth and Planetary Science Letters</i> , 2003, 207, 103-116.	4.4	75
28	Evidence for a persistent uplifting of La Palma (Canary Islands), inferred from morphological and radiometric data. <i>Earth and Planetary Science Letters</i> , 2003, 210, 277-289.	4.4	41