

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	Source of the great A.D. 1257 mystery eruption unveiled, Samalas volcano, Rinjani Volcanic Complex, Indonesia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16742-16747.	7.1	213
2	Timing of effusive volcanism and collapse events within an oceanic arc island: Basse-Terre, Guadeloupe archipelago (Lesser Antilles Arc). Earth and Planetary Science Letters, 2007, 258, 175-191.	4.4	114
3	Silicic central volcanoes as precursors to rift propagation: the Afar case. Earth and Planetary Science Letters, 2003, 207, 103-116.	4.4	75
4	New age constraints on the timing of volcanism in central Afar, in the presence of propagating rifts. Journal of Geophysical Research, 2003, 108, .	3.3	70
5	The volcanic evolution of Martinique Island: Insights from K-Ar dating into the Lesser Antilles arc migration since the Oligocene. Journal of Volcanology and Geothermal Research, 2011, 208, 122-135.	2.1	68
6	New paleomagnetic and geochronologic results from Ethiopian Afar: Block rotations linked to rift overlap and propagation and determination of a ~ 142 Ma reference pole for stable Africa. Journal of Geophysical Research, 2003, 108, .	3.3	67
7	The K-Ar Cassinot-Gillot technique applied to western Martinique lavas: A record of Lesser Antilles arc activity from 2Ma to Mount Pelée volcanism. Quaternary Geochronology, 2011, 6, 341-355.	1.4	62
8	Geomorphic evolution of the Piton des Neiges volcano (Réunion Island, Indian Ocean): Competition between volcanic construction and erosion since 1.4Ma. Geomorphology, 2012, 136, 132-147.	2.6	59
9	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. Journal of Volcanology and Geothermal Research, 2010, 198, 297-310.	2.1	50
10	Effusive history of the Grande Découverte Volcanic Complex, southern Basse-Terre (Guadeloupe,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Research, 2009, 187, 117-130.	2.1	49
11	Evidence for a persistent uplifting of La Palma (Canary Islands), inferred from morphological and radiometric data. Earth and Planetary Science Letters, 2003, 210, 277-289.	4.4	41
12	DEM-based reconstruction of southern Basse-Terre volcanoes (Guadeloupe archipelago, FWI): Contribution to the Lesser Antilles Arc construction rates and magma production. Geomorphology, 2012, 136, 148-164.	2.6	40
13	Construction and destruction rates of volcanoes within tropical environment: Examples from the Basse-Terre Island (Guadeloupe, Lesser Antilles). Geomorphology, 2015, 228, 597-607.	2.6	34
14	Construction and destruction of Mont Pelée volcano: Volumes and rates constrained from a geomorphological model of evolution. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1206-1226.	2.8	31
15	Eruptive chronology of Tungurahua volcano (Ecuador) revisited based on new K-Ar ages and geomorphological reconstructions. Journal of Volcanology and Geothermal Research, 2018, 357, 378-398.	2.1	28
16	Volcanic evolution of central Basse-Terre Island revisited on the basis of new geochronology and geomorphology data. Bulletin of Volcanology, 2015, 77, 1.	3.0	20
17	High-resolution K-Ar dating of a complex magmatic system: The example of Basse-Terre Island (French) Tj ETQq1 1 0,784314 rgBT /Overl	2.1	20
18	Borobudur, a basin under volcanic influence: 361,000years BP to present. Journal of Volcanology and Geothermal Research, 2010, 196, 245-264.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Landscape evolution on the eastern part of Lombok (Indonesia) related to the 1257â€CE eruption of the Samalas Volcano. <i>Geomorphology</i> , 2019, 327, 338-350.	2.6	16
20	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
21	Eruptive history of the Late Quaternary Ciomadul (CsomÃ¡d) volcano, East Carpathians, part II: magma output rates. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	13
22	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
23	Eruptive history of the Late Quaternary Ciomadul (CsomÃ¡d) volcano, East Carpathians, part I: timing of lava dome activity. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	8
24	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
25	Large-magnitude (VEIâ€7) â€wetâ€ explosive silicic eruption preserved a Lower Miocene habitat at the IpolytarnÃ¡c Fossil Site, North Hungary. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
26	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
27	The westernmost Late Mioceneâ€Pliocene volcanic activity in the Vardar zone (North Macedonia). <i>International Journal of Earth Sciences</i> , 2022, 111, 749-766.	1.8	2
28	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