Julie Carlut

List of Publications by Year in descending order

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LULIE CADULIT

#	Article	IF	CITATIONS
1	Regional chronostratigraphy in the eastern Lesser Antilles quaternary fore-arc and accretionary wedge sediments: Relative paleointensity, oxygen isotopes and reversals. Quaternary Geochronology, 2021, 65, 101179.	1.4	6
2	Volcanic Record of the Last Geomagnetic Reversal in a Lava Flow Sequence From the Azores. Frontiers in Earth Science, 2020, 8, .	1.8	5
3	Timing of the Brunhes-Matuyama transition constrained by U-series disequilibrium. Scientific Reports, 2019, 9, 6039.	3.3	5
4	Geochemical study of carbonate concretions from the aqueduct of Nîmes (southern France): a climatic record for the first centuries AD?. Scientific Reports, 2019, 9, 5209.	3.3	7
5	Fossil black smoker yields oxygen isotopic composition of Neoproterozoic seawater. Nature Communications, 2018, 9, 1453.	12.8	32
6	Iron uptake and magnetite biomineralization in the magnetotactic bacterium Magnetospirillum magneticum strain AMB-1: An iron isotope study. Geochimica Et Cosmochimica Acta, 2018, 232, 225-243.	3.9	29
7	Paleosecular variation recorded by Quaternary lava flows from Guadeloupe Island. Scientific Reports, 2018, 8, 10147.	3.3	7
8	Roman Builders Facing the Risk of Disaster: Coupling Archaeological and Geochemical Analyses on a Section of the â€~Aqua Augusta' (the Roman Serino Aqueduct, Southern Italy). Archaeometry, 2018, 60, 915-932.	1.3	7
9	Detrital magnetization of laboratory-redeposited sediments. Geophysical Journal International, 2017, 210, 34-41.	2.4	14
10	Remagnetization of lava flows spanning the last geomagnetic reversal. Geophysical Journal International, 2017, 210, 1281-1293.	2.4	3
11	Magnetic structure of Basse-Terre volcanic island (Guadeloupe, Lesser Antilles) inferred from 3D inversion of aeromagnetic data. Journal of Volcanology and Geothermal Research, 2017, 348, 1-11.	2.1	1
12	End-Cretaceous akaganéite as a mineral marker of Deccan volcanism in the sedimentary record. Scientific Reports, 2017, 7, 11453.	3.3	15
13	Unusual massive magnetite veins and highly altered Cr-spinels as relics of a Cl-rich acidic hydrothermal event in Neoproterozoic serpentinites (Bou Azzer ophiolite, Anti-Atlas, Morocco). Precambrian Research, 2017, 300, 151-167.	2.7	40
14	Magnetic signatures of serpentinization at ophiolite complexes. Geochemistry, Geophysics, Geosystems, 2016, 17, 2969-2986.	2.5	44
15	Acquisition of detrital magnetization in four turbidites. Geochemistry, Geophysics, Geosystems, 2016, 17, 3207-3223.	2.5	11
16	Low temperature magnetic properties of the Late Archean Boolgeeda iron formation (Hamersley) Tj ETQq0 0 0 rg	gBT /Overlo	ock 10 Tf 50

17	Submarine Earthquake History of the Çınarcık Segment of the North Anatolian Fault in the Marmara Sea, Turkey. Bulletin of the Seismological Society of America, 2015, 105, 622-645.	2.3	19
18	Characterization of building materials from the aqueduct of Antioch-on-the-Orontes (Turkey). Comptes Rendus - Geoscience, 2015, 347, 170-180.	1.2	11

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19	Palaeosecular variation recorded by 9 ka to 2.5-Ma-old lavas from Martinique Island: new evidence for the La Palma aborted reversal Â617 ka ago. Geophysical Journal International, 2015, 200, 915-932.	2.4	9
20	Paleomagnetic and geochemical record from cores from the Sea of Marmara, Turkey: Age constraints and implications of sapropelic deposition on early diagenesis. Marine Geology, 2015, 360, 40-54.	2.1	9
21	Magnetic signature of large exhumed mantle domains of the Southwest Indian Ridge – results from a deep-tow geophysical survey over 0 to 11 Ma old seafloor. Solid Earth, 2014, 5, 339-354.	2.8	19
22	Evolution of Fe redox state in serpentine during subduction. Earth and Planetary Science Letters, 2014, 400, 206-218.	4.4	89
23	High-purity hydrogen gas from the reaction between BOF steel slag and water in the 473–673ÂK range. International Journal of Hydrogen Energy, 2013, 38, 7382-7393.	7.1	34
24	Continuous exhumation of mantle-derived rocks at the Southwest Indian Ridge for 11 million years. Nature Geoscience, 2013, 6, 314-320.	12.9	224
25	Deep-tow 3C magnetic measurement: Solutions for calibration and interpretation. Geophysics, 2013, 78, J15-J23.	2.6	19
26	Serpentinization of oceanic peridotites: 1. A highâ€sensitivity method to monitor magnetite production in hydrothermal experiments. Journal of Geophysical Research, 2012, 117, .	3.3	57
27	Serpentinization of oceanic peridotites: 2. Kinetics and processes of San Carlos olivine hydrothermal alteration. Journal of Geophysical Research, 2012, 117, .	3.3	128
28	Quantitative constraint on footwall rotations at the 15°45′N oceanic core complex, Midâ€Atlantic Ridge: Implications for oceanic detachment fault processes. Geochemistry, Geophysics, Geosystems, 2011, 12, .	2.5	43
29	Microscopy study of biologically mediated alteration of natural midâ€oceanic ridge basalts and magnetic implications. Journal of Geophysical Research, 2010, 115, .	3.3	6
30	A selective procedure for absolute paleointensity in lava flows. Geophysical Research Letters, 2010, 37,	4.0	22
31	Structure and development of an axial volcanic ridge: Mid-Atlantic Ridge, 45°N. Earth and Planetary Science Letters, 2010, 299, 228-241.	4.4	64
32	Trace element variations in an archeological carbonate deposit from the antique city of Ostia: Environmental and archeological implications. Comptes Rendus - Geoscience, 2009, 341, 10-20.	1.2	14
33	Paleomagnetic directions from mid-latitude sites in the southern hemisphere (Argentina): Contribution to time averaged field models. Physics of the Earth and Planetary Interiors, 2009, 172, 199-209.	1.9	33
34	Impact of micro-organisms activity on the natural remanent magnetization of the young oceanic crust. Earth and Planetary Science Letters, 2007, 253, 497-506.	4.4	10
35	Unraveling the magnetic carriers of igneous cores from the Atlantic, Pacific, and the southern Indian oceans with rock magnetic characterization. Physics of the Earth and Planetary Interiors, 2006, 156, 294-328.	1.9	14
36	Drilling to Gabbro in Intact Ocean Crust. Science, 2006, 312, 1016-1020.	12.6	230

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#	Article	IF	CITATIONS
37	Timing of volcanism along the northern East Pacific Rise based on paleointensity experiments on basaltic glasses. Journal of Geophysical Research, 2004, 109, .	3.3	30
38	Episodic dike swarms inferred from near-bottom magnetic anomaly maps at the southern East Pacific Rise. Journal of Geophysical Research, 2003, 108, .	3.3	16
39	New paleomagnetic and geochronologic results from Ethiopian Afar: Block rotations linked to rift overlap and propagation and determination of a â^1⁄42 Ma reference pole for stable Africa. Journal of Geophysical Research, 2003, 108, .	3.3	67
40	The age and duration of the Matuyama–Brunhes transition from new K–Ar data from La Palma (Canary) Tj ET	Qq0 0 0 rį 4.4	3BT /Overloch
	Grain-size-dependent paleointensity results from very recent mid-oceanic ridge basalts. Journal of		

	Geophysical Research, 2002, 107, EPM 2-1.		
42	Evolution of the geomagnetic field prior to the Matuyama-Brunhes transition: radiometric dating of a 820 ka excursion at La Palma. Geophysical Journal International, 2002, 151, F6-F10.	2.4	19
43	A negative test of orbital control of geomagnetic reversals and excursions. Geophysical Research Letters, 2001, 28, 3561-3564.	4.0	17
44	Towards a self-consistent approach to palaeomagnetic field modelling. Geophysical Journal International, 2001, 145, 157-171.	2.4	29
45	Absolute paleointensities recorded during the Brunhes chron at La Guadeloupe Island. Physics of the Earth and Planetary Interiors, 2000, 120, 255-269.	1.9	28
46	Paleointensity record in zero-age submarine basalt glasses: testing a new dating technique for recent MORBs. Earth and Planetary Science Letters, 2000, 183, 389-401.	4.4	39
47	Paleomagnetic directions and K/Ar dating of 0 to 1 Ma lava flows from La Guadeloupe Island (French) Tj ETQq1 1 835-849.	0.784314 3.3	rgBT /Ove 86
48	Link between excursions and paleointensity inferred from abnormal field directions recorded at La Palma around 600 ka. Earth and Planetary Science Letters, 1999, 168, 233-242.	4.4	44
49	Paleointensity across the Réunion event in Ethiopia. Earth and Planetary Science Letters, 1999, 170, 17-34.	4.4	31
50	Paleomagnetic and geochronological identification of the Réunion subchron in Ethiopian Afar. Journal of Geophysical Research, 1999, 104, 10405-10419.	3.3	34
51	How complex is the time-averaged geomagnetic field over the past 5 Myr?. Geophysical Journal International, 1998, 134, 527-544.	2.4	98