

Frederique Leclerc

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

532
citations

759233

12
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752698

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24
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24
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiautomatic Algorithm to Map Tectonic Faults and Measure Scarp Height from Topography Applied to the Volcanic Tablelands and the Hurricane Fault, Western US. <i>Lithosphere</i> , 2022, 2021, .	1.4	6
2	Tsunami earthquakes: Vertical pop-up expulsion at the forefront of subduction megathrust: Reply to Commentary. <i>Earth and Planetary Science Letters</i> , 2021, 557, 116744.	4.4	1
3	Quantification of Gravitational Mass Wasting and Controls on Submarine Scarp Morphology Along the Roseau Fault, Lesser Antilles. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005892.	2.8	4
4	Automatic Fault Mapping in Remote Optical Images and Topographic Data With Deep Learning. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021269.	3.4	11
5	New perspectives in studying active faults in metropolitan France: the "Active faults France" (FACT/ATS) research axis from the Resif-Epos consortium. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 381-412.	1.2	2
6	Deep oceanic submarine fieldwork with undergraduate students: an immersive experience with the Minerve software. <i>Solid Earth</i> , 2021, 12, 2789-2802.	2.8	5
7	Tsunami earthquakes: Vertical pop-up expulsion at the forefront of subduction megathrust. <i>Earth and Planetary Science Letters</i> , 2020, 538, 116197.	4.4	21
8	Performing submarine field survey without scuba gear using GIS-like mapping in a Virtual Reality environment. , 2019, , .		4
9	Quaternary coral reef complexes as powerful markers of long-term subsidence related to deep processes at subduction zones: Insights from Les Saintes (Guadeloupe, French West Indies). , 2019, 15, 983-1007.		16
10	Stratigraphic Control of Frontal Décollement Level and Structural Vergence and Implications for Tsunamigenic Earthquake Hazard in Sumatra, Indonesia. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1646-1664.	2.5	10
11	From prodigious volcanic degassing to caldera subsidence and quiescence at Ambrym (Vanuatu): the influence of regional tectonics. <i>Scientific Reports</i> , 2019, 9, 18868.	3.3	31
12	A database of the coseismic effects following the 30 October 2016 Norcia earthquake in Central Italy. <i>Scientific Data</i> , 2018, 5, 180049.	5.3	89
13	Surface ruptures following the 30 October 2016 M_w 6.5 Norcia earthquake, central Italy. <i>Journal of Maps</i> , 2018, 14, 151-160.	2.0	121
14	The discovery of a conjugate system of faults in the Wharton Basin intraplate deformation zone. <i>Science Advances</i> , 2017, 3, e1601689.	10.3	34
15	First direct observation of coseismic slip and seafloor rupture along a submarine normal fault and implications for fault slip history. <i>Earth and Planetary Science Letters</i> , 2016, 450, 96-107.	4.4	21
16	Interactions between active faulting, volcanism, and sedimentary processes at an island arc: Insights from Les Saintes channel, Lesser Antilles arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2781-2802.	2.5	15
17	The reef platform of Martinique: Interplay between eustasy, tectonic subsidence and volcanism since Late Pleistocene. <i>Marine Geology</i> , 2015, 369, 34-51.	2.1	13
18	Tectonic and sedimentary architecture of the KarukÅra spur: A record of the Lesser Antilles fore-arc deformations since the Neogene. <i>Marine Geology</i> , 2015, 363, 15-37.	2.1	21

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19	The Holocene drowned reef of Les Saintes plateau as witness of a long-term tectonic subsidence along the Lesser Antilles volcanic arc in Guadeloupe. <i>Marine Geology</i> , 2014, 355, 115-135.	2.1	25
20	Identification of deep subaqueous co-seismic scarps through specific coeval sedimentation in Lesser Antilles: implication for seismic hazard. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 1755-1767.	3.6	22
21	Active faulting induced by slip partitioning in Montserrat and link with volcanic activity: New insights from the 2009 GWADASEIS marine cruise data. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	58