Frederique Leclerc

List of Publications by Year
in descending order

21 papers	532 citations	759233 12 h-index	752698 20 g-index
24 all docs	24 docs citations	24 times ranked	920 citing authors

#	Article	IF	Citations
1	Surface ruptures following the 30 October 2016 M_w 6.5 Norcia earthquake, central Italy. Journal of Maps, 2018, 14, 151-160.	2.0	121
2	A database of the coseismic effects following the 30 October 2016 Norcia earthquake in Central Italy. Scientific Data, 2018, 5, 180049.	5.3	89
3	Active faulting induced by slip partitioning in Montserrat and link with volcanic activity: New insights from the 2009 GWADASEIS marine cruise data. Geophysical Research Letters, 2010, 37, .	4.0	58
4	The discovery of a conjugate system of faults in the Wharton Basin intraplate deformation zone. Science Advances, 2017, 3, e1601689.	10.3	34
5	From prodigious volcanic degassing to caldera subsidence and quiescence at Ambrym (Vanuatu): the influence of regional tectonics. Scientific Reports, 2019, 9, 18868.	3.3	31
6	The Holocene drowned reef of Les Saintes plateau as witness of a long-term tectonic subsidence along the Lesser Antilles volcanic arc in Guadeloupe. Marine Geology, 2014, 355, 115-135.	2.1	25
7	Identification of deep subaqueous co-seismic scarps through specific coeval sedimentation in Lesser Antilles: implication for seismic hazard. Natural Hazards and Earth System Sciences, 2012, 12, 1755-1767.	3.6	22
8	Tectonic and sedimentary architecture of the KarukÃ©ra spur: A record of the Lesser Antilles fore-arc deformations since the Neogene. Marine Geology, 2015, 363, 15-37.	2.1	21
9	First direct observation of coseismic slip and seafloor rupture along a submarine normal fault and implications for fault slip history. Earth and Planetary Science Letters, 2016, 450, 96-107.	4.4	21
10	Tsunami earthquakes: Vertical pop-up expulsion at the forefront of subduction megathrust. Earth and Planetary Science Letters, 2020, 538, 116197.	4.4	21
11	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
12	Interactions between active faulting, volcanism, and sedimentary processes at an island arc: Insights from Les Saintes channel, Lesser Antilles arc. Geochemistry, Geophysics, Geosystems, 2016, 17, 2781-2802.	2.5	15
13	The reef platform of Martinique: Interplay between eustasy, tectonic subsidence and volcanism since Late Pleistocene. Marine Geology, 2015, 369, 34-51.	2.1	13
14	Automatic Fault Mapping in Remote Optical Images and Topographic Data With Deep Learning. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021269.	3.4	11
15	Stratigraphic Control of Frontal DÃ©collement Level and Structural Vergence and Implications for Tsunamigenic Earthquake Hazard in Sumatra, Indonesia. Geochemistry, Geophysics, Geosystems, 2019, 20, 1646-1664.	2.5	10
16	Semiautomatic Algorithm to Map Tectonic Faults and Measure Scarp Height from Topography Applied to the Volcanic Tablelands and the Hurricane Fault, Western US. Lithosphere, 2022, 2021, .	1.4	6
17	Deep oceanic submarine fieldwork with undergraduate students: an immersive experience with the Minerve software. Solid Earth, 2021, 12, 2789-2802.	2.8	5
18	Performing submarine field survey without scuba gear using GIS-like mapping in a Virtual Reality environment. , 2019, , .		4

#	Article	IF	Citations
19	Quantification of Gravitational Mass Wasting and Controls on Submarine Scarp Morphology Along the Roseau Fault, Lesser Antilles. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005892.	2.8	4
20	New perspectives in studying active faults in metropolitan France: the â€œActive faults Franceâ€• (FACT/ATS) research axis from the Resif-Epos consortium. Comptes Rendus - Geoscience, 2021, 353, 381-412.	1.2	2
21	Tsunami earthquakes: Vertical pop-up expulsion at the forefront of subduction megathrust: Reply to Commentary. Earth and Planetary Science Letters, 2021, 557, 116744.	4.4	1