

Dominique Reymond

List of Publications by Year in descending order

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papers

738
citations

394421

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29
docs citations

29
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Contributions of Space Missions to Better Tsunami Science: Observations, Models and Warnings. Surveys in Geophysics, 2020, 41, 1535-1581.	4.6	6
2	Very- and ultra-long-period seismic signals prior to and during caldera formation on La Réunion Island. Scientific Reports, 2019, 9, 8068.	3.3	26
3	Surface wave tomography for the Pacific Ocean incorporating seafloor seismic observations and plate thermal evolution. Earth and Planetary Science Letters, 2019, 510, 116-130.	4.4	24
4	Coastal Amplification Laws for the French Tsunami Warning Center: Numerical Modeling and Fast Estimate of Tsunami Wave Heights Along the French Riviera. Pure and Applied Geophysics, 2018, 175, 1429-1444.	1.9	17
5	Mantle plumes beneath the South Pacific superswell revealed by finite frequency P tomography using regional seafloor and island data. Geophysical Research Letters, 2016, 43, 11,628.	4.0	16
6	Upper mantle structure beneath the Society hotspot and surrounding region using broadband data from ocean floor and islands. Earth, Planets and Space, 2016, 68, .	2.5	9
7	New Tsunami Forecast Tools for the French Polynesia Tsunami Warning System Part II: Numerical Modelling and Tsunami Height Estimation. Pure and Applied Geophysics, 2015, 172, 805-819.	1.9	25
8	Implementation and Challenges of the Tsunami Warning System in the Western Mediterranean. Pure and Applied Geophysics, 2015, 172, 821-833.	1.9	28
9	New Tsunami Forecast Tools for the French Polynesia Tsunami Warning System. Pure and Applied Geophysics, 2015, 172, 791-804.	1.9	11
10	From earthquake size to far-field tsunami amplitude: development of a simple formula and application to DART buoy data. Geophysical Journal International, 2014, 196, 340-356.	2.4	11
11	The 2010 and 2011 Tsunamis in French Polynesia: Operational Aspects and Field Surveys. Pure and Applied Geophysics, 2013, 170, 1169-1187.	1.9	21
12	Large, pre-digital earthquakes of the Bonin-Mariana subduction zone, 1930-1974. Tectonophysics, 2013, 586, 1-14.	2.2	12
13	TIARES Project: Tomographic investigation by seafloor array experiment for the Society hotspot. Earth, Planets and Space, 2012, 64, i-iv.	2.5	33
14	Rapid forecast of tsunami wave heights from a database of pre-computed simulations, and application during the 2011 Tohoku tsunami in French Polynesia. Geophysical Research Letters, 2012, 39, .	4.0	35
15	South Pacific mantle plumes imaged by seismic observation on islands and seafloor. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	68
16	Upper mantle anisotropy beneath Australia and Tahiti from P wave polarization: Implications for real-time earthquake location. Journal of Geophysical Research, 2009, 114, .	3.3	36
17	Un tsunami en Polynésie française: apports de la simulation numérique. Comptes Rendus - Geoscience, 2007, 339, 303-316.	1.2	5
18	Evaluation of far-field tsunami hazard in French Polynesia based on historical data and numerical simulations. Natural Hazards and Earth System Sciences, 2007, 7, 195-206.	3.6	32

#	ARTICLE	IF	CITATIONS
19	Quantification of Hydrophone Records of the 2004 Sumatra Tsunami. Pure and Applied Geophysics, 2007, 164, 309-323.	1.9	24
20	L'al�a tsunami en Polyn�sie fran�saise : synth�se des observations et des mesures. Comptes Rendus - Geoscience, 2006, 338, 1133-1140.	1.2	21
21	Characterizing swells in the southern Pacific from seismic and infrasonic noise analyses. Geophysical Journal International, 2006, 164, 516-542.	2.4	41
22	Hydroacoustic signals generated by parked and drifting icebergs in the Southern Indian and Pacific Oceans. Geophysical Journal International, 2006, 165, 817-834.	2.4	44
23	Probing South Pacific mantle plumes with ocean bottom seismographs. Eos, 2005, 86, 429.	0.1	32
24	The mechanism of great Banda Sea earthquake of 1 February 1938: applying the method of preliminary determination of focal mechanism to a historical event. Earth and Planetary Science Letters, 2003, 216, 1-15.	4.4	44
25	T-Wave Detection of Two Underwater Explosions off Hawaii on 13 April 2000. Bulletin of the Seismological Society of America, 2003, 93, 804-816.	2.3	14
26	Preliminary determination of focal mechanisms from the inversion of spectral amplitudes of mantle waves. Physics of the Earth and Planetary Interiors, 2000, 121, 249-271.	1.9	28
27	Four years of automated measurements of seismic moments at Papeete using the mantle magnitude M_m : 1987�1991. Tectonophysics, 1993, 217, 175-193.	2.2	15
28	Automatic detection, location and quantification of earthquakes: Application to tsunami warning. Pure and Applied Geophysics, 1991, 135, 361-382.	1.9	33
29	M_m : Use of a variable�period mantle magnitude for the rapid one�station estimation of teleseismic moments. Geophysical Research Letters, 1987, 14, 840-843.	4.0	27