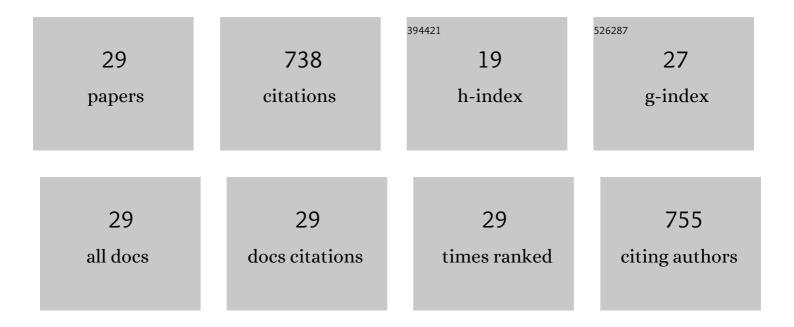
## Dominique Reymond

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	South Pacific mantle plumes imaged by seismic observation on islands and seafloor. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	68
2	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
3	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
4	Characterizing swells in the southern Pacific from seismic and infrasonic noise analyses. Geophysical Journal International, 2006, 164, 516-542.	2.4	41
5	Upper mantle anisotropy beneath Australia and Tahiti from <i>P</i> wave polarization: Implications for realâ€ŧime earthquake location. Journal of Geophysical Research, 2009, 114, .	3.3	36
6	Rapid forecast of tsunami wave heights from a database of preâ€computed simulations, and application during the 2011 Tohoku tsunami in French Polynesia. Geophysical Research Letters, 2012, 39, .	4.0	35
7	Automatic detection, location and quantification of earthquakes: Application to tsunami warning. Pure and Applied Geophysics, 1991, 135, 361-382.	1.9	33
8	TIARES Project—Tomographic investigation by seafloor array experiment for the Society hotspot. Earth, Planets and Space, 2012, 64, i-iv.	2.5	33
9	Probing South Pacific mantle plumes with ocean bottom seismographs. Eos, 2005, 86, 429.	0.1	32
10	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
11	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
12	Implementation and Challenges of the Tsunami Warning System in the Western Mediterranean. Pure and Applied Geophysics, 2015, 172, 821-833.	1.9	28
13	M <sub>m</sub> : Use of a variableâ€period mantle magnitude for the rapid oneâ€station estimation of teleseismic moments. Geophysical Research Letters, 1987, 14, 840-843.	4.0	27
14	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
15	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
16	Quantification of Hydrophone Records of the 2004 Sumatra Tsunami. Pure and Applied Geophysics, 2007, 164, 309-323.	1.9	24
17	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
18	L'aléa tsunami en Polynésie française : synthèse des observations et des mesures. Comptes Rendus - Geoscience, 2006, 338, 1133-1140.	1.2	21

#	Article	IF	CITATIONS
19	The 2010 and 2011 Tsunamis in French Polynesia: Operational Aspects and Field Surveys. Pure and Applied Geophysics, 2013, 170, 1169-1187.	1.9	21
20	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
21	Mantle plumes beneath the South Pacific superswell revealed by finite frequency <i>P</i> tomography using regional seafloor and island data. Geophysical Research Letters, 2016, 43, 11,628.	4.0	16
22	Four years of automated measurements of seismic moments at Papeete using the mantle magnitude Mm: 1987–1991. Tectonophysics, 1993, 217, 175-193.	2.2	15
23	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
24	Large, pre-digital earthquakes of the Bonin-Mariana subduction zone, 1930–1974. Tectonophysics, 2013, 586, 1-14.	2.2	12
25	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
26	New Tsunami Forecast Tools for the French Polynesia Tsunami Warning System. Pure and Applied Geophysics, 2015, 172, 791-804.	1.9	11
27	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
28	Contributions of Space Missions to Better Tsunami Science: Observations, Models and Warnings. Surveys in Geophysics, 2020, 41, 1535-1581.	4.6	6
29	L'aléa tsunami en Polynésie françaiseÂ: apports de la simulation numérique. Comptes Rendus - Geoscience, 2007, 339, 303-316	1.2	5