

Dominique Reymond

List of Publications by Year in descending order

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29
papers

738
citations

393982

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525886

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all docs

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. | 2.1 | 6 |
| 2 | Very- and ultra-long-period seismic signals prior to and during caldera formation on La Réunion Island. Scientific Reports, 2019, 9, 8068. | 1.6 | 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. | 1.8 | 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. | 0.8 | 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. | 1.5 | 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, . | 0.9 | 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. | 0.8 | 25 |
| 8 | Implementation and Challenges of the Tsunami Warning System in the Western Mediterranean. Pure and Applied Geophysics, 2015, 172, 821-833. | 0.8 | 28 |
| 9 | New Tsunami Forecast Tools for the French Polynesia Tsunami Warning System. Pure and Applied Geophysics, 2015, 172, 791-804. | 0.8 | 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. | 1.0 | 11 |
| 11 | The 2010 and 2011 Tsunamis in French Polynesia: Operational Aspects and Field Surveys. Pure and Applied Geophysics, 2013, 170, 1169-1187. | 0.8 | 21 |
| 12 | Large, pre-digital earthquakes of the Bonin-Mariana subduction zone, 1930-1974. Tectonophysics, 2013, 586, 1-14. | 0.9 | 12 |
| 13 | TIARES Project: Tomographic investigation by seafloor array experiment for the Society hotspot. Earth, Planets and Space, 2012, 64, i-iv. | 0.9 | 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, . | 1.5 | 35 |
| 15 | South Pacific mantle plumes imaged by seismic observation on islands and seafloor. Geochemistry, Geophysics, Geosystems, 2009, 10, . | 1.0 | 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. | 0.4 | 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. | 1.5 | 32 |

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|----|--|-----|-----------|
| 19 | Quantification of Hydrophone Records of the 2004 Sumatra Tsunami. <i>Pure and Applied Geophysics</i> , 2007, 164, 309-323. | 0.8 | 24 |
| 20 | L'aléa tsunami en Polynésie française : synthèse des observations et des mesures. <i>Comptes Rendus - Geoscience</i> , 2006, 338, 1133-1140. | 0.4 | 21 |
| 21 | Characterizing swells in the southern Pacific from seismic and infrasonic noise analyses. <i>Geophysical Journal International</i> , 2006, 164, 516-542. | 1.0 | 41 |
| 22 | Hydroacoustic signals generated by parked and drifting icebergs in the Southern Indian and Pacific Oceans. <i>Geophysical Journal International</i> , 2006, 165, 817-834. | 1.0 | 44 |
| 23 | Probing South Pacific mantle plumes with ocean bottom seismographs. <i>Eos</i> , 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. <i>Earth and Planetary Science Letters</i> , 2003, 216, 1-15. | 1.8 | 44 |
| 25 | T-Wave Detection of Two Underwater Explosions off Hawaii on 13 April 2000. <i>Bulletin of the Seismological Society of America</i> , 2003, 93, 804-816. | 1.1 | 14 |
| 26 | Preliminary determination of focal mechanisms from the inversion of spectral amplitudes of mantle waves. <i>Physics of the Earth and Planetary Interiors</i> , 2000, 121, 249-271. | 0.7 | 28 |
| 27 | Four years of automated measurements of seismic moments at Papeete using the mantle magnitude M_m : 1987-1991. <i>Tectonophysics</i> , 1993, 217, 175-193. | 0.9 | 15 |
| 28 | Automatic detection, location and quantification of earthquakes: Application to tsunami warning. <i>Pure and Applied Geophysics</i> , 1991, 135, 361-382. | 0.8 | 33 |
| 29 | M_m : Use of a variable-period mantle magnitude for the rapid one-station estimation of teleseismic moments. <i>Geophysical Research Letters</i> , 1987, 14, 840-843. | 1.5 | 27 |