# Laura M Wallace

List of Publications by Year
in descending order



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|---|---|---|---|
| 128 papers | 7,209 citations | 53794 45 h-index | 60623 81 g-index |
| 140 all docs | 140 docs citations | 140 times ranked | 3865 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Continuous Tremor Activity With Stable Polarization Direction Following the 2014 Large Slow Slip Event in the Hikurangi Subduction Margin Offshore New Zealand. Journal of Geophysical Research: Solid Earth, 2022, 127, e2021JB022161. | 3.4 | 3 |
| 2 | Crustal Structure of the Hikurangi Margin From SHIRE Seismic Data and the Relationship Between Forearc Structure and Shallow Megathrust Slip Behavior. Geophysical Research Letters, 2022, 49, . | 4.0 | 8 |
| 3 | Segmentation of Shallow Slow Slip Events at the Hikurangi Subduction Zone Explained by Alongâ€Strike Changes in Fault Geometry and Plate Convergence Rates. Journal of Geophysical Research: Solid Earth, 2022, 127, . | 3.4 | 4 |
| 4 | The occurrence and hazards of great subduction zone earthquakes. Nature Reviews Earth & Environment, 2022, 3, 125-140. | 29.7 | 17 |
| 5 | Frictional and Lithological Controls on Shallow Slow Slip at the Northern Hikurangi Margin. Geochemistry, Geophysics, Geosystems, 2022, 23, . | 2.5 | 16 |
| 6 | A Snapshot of New Zealand's Dynamic Deformation Field From Envisat InSAR and GNSS Observations Between 2003 and 2011. Geophysical Research Letters, 2022, 49, . | 4.0 | 17 |
| 7 | SMART Subsea Cables for Observing the Earth and Ocean, Mitigating Environmental Hazards, and Supporting the Blue Economy. Frontiers in Earth Science, 2022, 9, . | 1.8 | 13 |
| 8 | Temporal velocity variations in the northern Hikurangi margin and the relation to slow slip. Earth and Planetary Science Letters, 2022, 584, 117443. | 4.4 | 4 |
| 9 | Spatial Variation of Shallow Stress Orientation Along the Hikurangi Subduction Margin: Insights From Inâ€Situ Borehole Image Logging. Journal of Geophysical Research: Solid Earth, 2022, 127, . | 3.4 | 5 |
| 10 | Seafloor overthrusting causes ductile fault deformation and fault sealing along the Northern Hikurangi Margin. Earth and Planetary Science Letters, 2022, 593, 117651. | 4.4 | 6 |
| 11 | Variable In Situ Stress Orientations Across the Northern Hikurangi Subduction Margin. Geophysical Research Letters, 2021, 48, e2020GL091707. | 4.0 | 8 |
| 12 | Water Depth Dependence of Longâ€Range Correlation in Nontidal Variations in Seafloor Pressure. Geophysical Research Letters, 2021, 48, e2020GL092173. | 4.0 | 9 |
| 13 | Physical conditions and frictional properties in the source region of a slow-slip event. Nature Geoscience, 2021, 14, 334-340. | 12.9 | 14 |
| 14 | Editorial: Frontiers in Seafloor Geodesy. Frontiers in Earth Science, 2021, 9, . | 1.8 | 0 |
| 15 | Asymmetric Brittle Deformation at the PÄpaku Fault, Hikurangi Subduction Margin, NZ, IODP Expedition 375. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009662. | 2.5 | 4 |
| 16 | Slow Slip Events in New Zealand. Annual Review of Earth and Planetary Sciences, 2020, 48, 175-203. | 11.0 | 69 |
| 17 | New Zealandâ€Wide Geodetic Strain Rates Using a Physicsâ€Based Approach. Geophysical Research Letters, 2020, 47, e2019GL084606. | 4.0 | 30 |
| 18 | Temporal and spatial variations in seismic anisotropy and V/V ratios in a region of slow slip. Earth and Planetary Science Letters, 2020, 532, 115970. | 4.4 | 20 |

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|---|---|---|---|
| 19 | Mechanical Implications of Creep and Partial Coupling on the World's Fastest Slipping Lowâ€Angle Normal Fault in Southeastern Papua New Guinea. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020117. | 3.4 | 15 |
| 20 | Emerged Coral Reefs Record Holocene Lowâ€Angle Normal Fault Earthquakes. Geophysical Research Letters, 2020, 47, e2020GL089301. | 4.0 | 6 |
| 21 | Physical Properties and Gas Hydrate at a Nearâ€Seafloor Thrust Fault, Hikurangi Margin, New Zealand. Geophysical Research Letters, 2020, 47, e2020GL088474. | 4.0 | 20 |
| 22 | Sea Surface Gravity Waves Excited by Dynamic Ground Motions from Large Regional Earthquakes. Seismological Research Letters, 2020, 91, 2268-2277. | 1.9 | 4 |
| 23 | New Opportunities to Study Earthquake Precursors. Seismological Research Letters, 2020, 91, 2444-2447. | 1.9 | 27 |
| 24 | Slow slip source characterized by lithological and geometric heterogeneity. Science Advances, 2020, 6, eaay3314. | 10.3 | 95 |
| 25 | Observations of Laboratory and Natural Slow Slip Events: Hikurangi Subduction Zone, New Zealand. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008717. | 2.5 | 11 |
| 26 | Timeâ€Dependent Behavior of a Nearâ€Trench Slowâ€Slip Event at the Hikurangi Subduction Zone. Geochemistry, Geophysics, Geosystems, 2019, 20, 4292-4304. | 2.5 | 9 |
| 27 | Ultraâ€Long Duration of Seismic Ground Motion Arising From a Thick, Lowâ€Velocity Sedimentary Wedge. Journal of Geophysical Research: Solid Earth, 2019, 124, 10347-10359. | 3.4 | 31 |
| 28 | Evolution of a rapidly slipping, active low-angle normal fault, Suckling-Dayman metamorphic core complex, SE Papua New Guinea. Bulletin of the Geological Society of America, 2019, 131, 1333-1363. | 3.3 | 26 |
| 29 | Episodic stress and fluid pressure cycling in subducting oceanic crust during slow slip. Nature Geoscience, 2019, 12, 475-481. | 12.9 | 101 |
| 30 | Tectonic Inheritance Following Failed Continental Subduction: A Model for Core Complex Formation in Cold, Strong Lithosphere. Tectonics, 2019, 38, 1742-1763. | 2.8 | 9 |
| 31 | Slow Slip Event Detection in Cascadia Using Vertical Derivatives of Horizontal Stress Rates. Journal of Geophysical Research: Solid Earth, 2019, 124, 5153-5173. | 3.4 | 7 |
| 32 | Slow Motion Earthquakes: Taking the Pulse of Slow Slip with Scientific Ocean Drilling. Oceanography, 2019, 32, 106-118. | 1.0 | 3 |
| 33 | Seismicity at the Northern Hikurangi Margin, New Zealand, and Investigation of the Potential Spatial and Temporal Relationships With a Shallow Slow Slip Event. Journal of Geophysical Research: Solid Earth, 2019, 124, 4751-4766. | 3.4 | 25 |
| 34 | The role of the upper plate in controlling fluid-mobile element (Cl, Li, B) cycling through subduction zones: Hikurangi forearc, New Zealand. , 2019, 15, 642-658. | | 12 |
| 35 | Threeâ€Dimensional Modeling of Spontaneous and Triggered Slowâ€Slip Events at the Hikurangi Subduction Zone, New Zealand. Journal of Geophysical Research: Solid Earth, 2019, 124, 13250-13268. | 3.4 | 12 |
| 36 | Seafloor Crustal Deformation on Ocean Bottom Pressure Records With Nontidal Variability Corrections: Application to Hikurangi Margin, New Zealand. Geophysical Research Letters, 2019, 46, 303-310. | 4.0 | 20 |

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| 37 | Changes in Physical Properties of the Nankai Trough Megasplay Fault Induced by Earthquakes, Detected by Continuous Pressure Monitoring. Journal of Geophysical Research: Solid Earth, 2018, 123, 1072-1088. | 3.4 | 10 |
| 38 | Triggered Slow Slip and Afterslip on the Southern Hikurangi Subduction Zone Following the KaikÅura Earthquake. Geophysical Research Letters, 2018, 45, 4710-4718. | 4.0 | 73 |
| 39 | The New Zealand Probabilistic Tsunami Hazard Model: development and implementation of a methodology for estimating tsunami hazard nationwide. Geological Society Special Publication, 2018, 456, 199-217. | 1.3 | 9 |
| 40 | How fast can low-angle normal faults slip? Insights from cosmogenic exposure dating of the active Maiâ€™iu fault, Papua New Guinea. Geology, 2018, 46, 227-230. | 4.4 | 22 |
| 41 | Using Tsunami Waves Reflected at the Coast to Improve Offshore Earthquake Source Parameters: Application to the 2016 Mw 7.1 Te Araroa Earthquake, New Zealand. Journal of Geophysical Research: Solid Earth, 2018, 123, 8767-8779. | 3.4 | 16 |
| 42 | Geophysical Constraints on the Relationship Between Seamount Subduction, Slow Slip, and Tremor at the North Hikurangi Subduction Zone, New Zealand. Geophysical Research Letters, 2018, 45, 12,804. | 4.0 | 72 |
| 43 | Earthquakes and Tremor Linked to Seamount Subduction During Shallow Slow Slip at the Hikurangi Margin, New Zealand. Journal of Geophysical Research: Solid Earth, 2018, 123, 6769-6783. | 3.4 | 76 |
| 44 | The Impact of Realistic Elastic Properties on Inversions of Shallow Subduction Interface Slow Slip Events Using Seafloor Geodetic Data. Geophysical Research Letters, 2018, 45, 7462-7470. | 4.0 | 35 |
| 45 | Simple Physical Model for the Probability of a Subductionâ€•Zone Earthquake Following Slow Slip Events and Earthquakes: Application to the Hikurangi Megathrust, New Zealand. Geophysical Research Letters, 2018, 45, 3932-3941. | 4.0 | 20 |
| 46 | Recurring and triggered slow-slip events near the trench at the Nankai Trough subduction megathrust. Science, 2017, 356, 1157-1160. | 12.6 | 222 |
| 47 | Complex multifault rupture during the 2016 M <sub>w</sub> 7.8 KaikÅura earthquake, New Zealand. Science, 2017, 356, . | 12.6 | 457 |
| 48 | The 2016 KaikÅura, New Zealand, Earthquake: Preliminary Seismological Report. Seismological Research Letters, 2017, 88, 727-739. | 1.9 | 170 |
| 49 | Slow slip events and the 2016 Te Araroa M<sub>w</sub> 7.1 earthquake interaction: Northern Hikurangi subduction, New Zealand. Geophysical Research Letters, 2017, 44, 8336-8344. | 4.0 | 22 |
| 50 | Large-scale dynamic triggering of shallow slow slip enhanced by overlying sedimentary wedge. Nature Geoscience, 2017, 10, 765-770. | 12.9 | 119 |
| 51 | Rapid Evolution of Subductionâ€Related Continental Intraarc Rifts: The Taupo Rift, New Zealand. Tectonics, 2017, 36, 2250-2272. | 2.8 | 52 |
| 52 | Quaternary Tectonics of New Zealand. , 2017, , 1-34. | | 10 |
| 53 | Splay fault branching from the <scp>H</scp>ikurangi subduction shear zone: Implications for slow slip and fluid flow. Geochemistry, Geophysics, Geosystems, 2016, 17, 5009-5023. | 2.5 | 23 |
| 54 | Calculating regional stresses for northern Canterbury: the effect of the 2010 Darfield earthquake. New Zealand Journal of Geology, and Geophysics, 2016, 59, 202-212. | 1.8 | 5 |

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| 55 | Slow slip near the trench at the Hikurangi subduction zone, New Zealand. Science, 2016, 352, 701-704. | 12.6 | 242 |
| 56 | Nearâ€field observations of an offshore M<sub>w</sub> 6.0 earthquake from an integrated seafloor and subseafloor monitoring network at the Nankai Trough, southwest Japan. Journal of Geophysical Research: Solid Earth, 2016, 121, 8338-8351. | 3.4 | 71 |
| 57 | New Zealand GPS velocity field: 1995â€“2013. New Zealand Journal of Geology, and Geophysics, 2016, 59, 5-14. | 1.8 | 57 |
| 58 | High-resolution view of active tectonic deformation along the Hikurangi subduction margin and the Taupo Volcanic Zone, New Zealand. New Zealand Journal of Geology, and Geophysics, 2016, 59, 43-57. | 1.8 | 29 |
| 59 | Introduction toNZJGGspecial issue in honour of John Beavan's scientific contributions. New Zealand Journal of Geology, and Geophysics, 2016, 59, 1-4. | 1.8 | 2 |
| 60 | Understanding the potential for tsunami generated by earthquakes on the southern Hikurangi subduction interface. New Zealand Journal of Geology, and Geophysics, 2016, 59, 70-85. | 1.8 | 8 |
| 61 | Increased rates of largeâ€magnitude explosive eruptions in Japan in the late Neogene and Quaternary. Geochemistry, Geophysics, Geosystems, 2016, 17, 2467-2479. | 2.5 | 18 |
| 62 | Salt-marsh foraminiferal record of 10 large Holocene (last 7500 yr) earthquakes on a subducting plate margin, Hawkes Bay, New Zealand. Bulletin of the Geological Society of America, 2016, 128, 896-915. | 3.3 | 23 |
| 63 | Investigations of Shallow Slow Slip Offshore of New Zealand. Eos, 2016, 97, . | 0.1 | 1 |
| 64 | Paleomagnetic evidence for verticalâ€axis rotations of crustal blocks in the <scp>W</scp>oodlark <scp>R</scp>ift, <scp>SE</scp><scp>P</scp>apua <scp>N</scp>ew <scp>G</scp>uinea: Miocene to presentâ€day kinematics in one of the world's most rapidly extending plate boundary zones. Geochemistry, Geophysics, Geosystems, 2015, 16, 2058-2081. | 2.5 | 4 |
| 65 | Effects of material property variations on slip estimates for subduction interface slowâ€slip events. Geophysical Research Letters, 2015, 42, 1113-1121. | 4.0 | 38 |
| 66 | New Insights into the present-day kinematics of the central and western Papua New Guinea from GPS. Geophysical Journal International, 2015, 202, 993-1004. | 2.4 | 33 |
| 67 | Evidence for Past Subduction Earthquakes at a Plate Boundary with Widespread Upper Plate Faulting: Southern Hikurangi Margin, New Zealand. Bulletin of the Seismological Society of America, 2015, 105, 1661-1690. | 2.3 | 44 |
| 68 | The Hikurangi Margin Continuous GNSS and Seismograph Network of New Zealand. Seismological Research Letters, 2015, 86, 101-108. | 1.9 | 16 |
| 69 | Development of the Global Earthquake Modelâ€™s neotectonic fault database. Natural Hazards, 2015, 79, 111-135. | 3.4 | 20 |
| 70 | The frictional, hydrologic, metamorphic and thermal habitat of shallow slow earthquakes. Nature Geoscience, 2015, 8, 594-600. | 12.9 | 216 |
| 71 | Silent triggering: Aseismic crustal faulting induced by a subduction slow slip event. Earth and Planetary Science Letters, 2015, 421, 13-19. | 4.4 | 11 |
| 72 | Foraminiferal record of Holocene paleo-earthquakes on the subsiding south-western Poverty Bay coastline, New Zealand. New Zealand Journal of Geology, and Geophysics, 2015, 58, 104-122. | 1.8 | 11 |

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| 73 | Fluid budgets along the northern Hikurangi subduction margin, New Zealand: the effect of a subducting seamount on fluid pressure. Geophysical Journal International, 2015, 202, 277-297. | 2.4 | 62 |
| 74 | Variable Holocene deformation above a shallow subduction zone extremely close to the trench. Nature Communications, 2015, 6, 7607. | 12.8 | 17 |
| 75 | Contemporary ground deformation in the Taupo Rift and Okataina Volcanic Centre from 1998 to 2011, measured using GPS. Geophysical Journal International, 2015, 202, 2082-2105. | 2.4 | 20 |
| 76 | Enhanced Surface Imaging of Crustal Deformation. SpringerBriefs in Earth Sciences, 2015, , . | 0.5 | 15 |
| 77 | Application to Central South Island, New Zealand. SpringerBriefs in Earth Sciences, 2015, , 63-75. | 0.5 | 0 |
| 78 | Earthquake and Tsunami Potential of the Hikurangi Subduction Thrust, New Zealand: Insights from Paleoseismology, GPS, and Tsunami Modeling. Oceanography, 2014, 27, 104-117. | 1.0 | 20 |
| 79 | Quake clamps down on slow slip. Geophysical Research Letters, 2014, 41, 8840-8846. | 4.0 | 27 |
| 80 | Tsunami inundation in Napier, New Zealand, due to local earthquake sources. Natural Hazards, 2014, 70, 415-445. | 3.4 | 37 |
| 81 | Crustal deformation and stress transfer during a propagating earthquake sequence: The 2013 Cook Strait sequence, central New Zealand. Journal of Geophysical Research: Solid Earth, 2014, 119, 6080-6092. | 3.4 | 45 |
| 82 | Timeâ€dependent modeling of slow slip events and associated seismicity and tremor at the Hikurangi subduction zone, New Zealand. Journal of Geophysical Research: Solid Earth, 2014, 119, 734-753. | 3.4 | 79 |
| 83 | Continental breakup and UHP rock exhumation in action: GPS results from the <scp>W</scp>oodlark <scp>R</scp>ift, <scp>P</scp>apua <scp>N</scp>ew <scp>G</scp>uinea. Geochemistry, Geophysics, Geosystems, 2014, 15, 4267-4290. | 2.5 | 54 |
| 84 | Newly observed, deep slow slip events at the central Hikurangi margin, New Zealand: Implications for downdip variability of slow slip and tremor, and relationship to seismic structure. Geophysical Research Letters, 2013, 40, 5393-5398. | 4.0 | 66 |
| 85 | John Beavan (1950â€“2012). Eos, 2013, 94, 55-55. | 0.1 | 0 |
| 86 | Simultaneous longâ€term and shortâ€term slow slip events at the Hikurangi subduction margin, New Zealand: Implications for processes that control slow slip event occurrence, duration, and migration. Journal of Geophysical Research, 2012, 117, . | 3.3 | 166 |
| 87 | Upper plate tectonic stress state may influence interseismic coupling on subduction megathrusts. Geology, 2012, 40, 895-898. | 4.4 | 31 |
| 88 | National Seismic Hazard Model for New Zealand: 2010 Update. Bulletin of the Seismological Society of America, 2012, 102, 1514-1542. | 2.3 | 359 |
| 89 | The kinematics of a transition from subduction to strikeâ€slip: An example from the central New Zealand plate boundary. Journal of Geophysical Research, 2012, 117, . | 3.3 | 159 |
| 90 | Tsunami Hazard Posed to New Zealand by the Kermadec and Southern New Hebrides Subduction Margins: An Assessment Based on Plate Boundary Kinematics, Interseismic Coupling, and Historical Seismicity. Pure and Applied Geophysics, 2012, 169, 1-36. | 1.9 | 59 |

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| 91 | Deep tremor in New Zealand triggered by the 2010 Mw8.8 Chile earthquake. Geophysical Research Letters, 2011, 38, . | 4.0 | 56 |
| 92 | Preliminary Probabilistic Seismic Hazard Analysis of the CO2CRC Otway Project Site, Victoria, Australia. Bulletin of the Seismological Society of America, 2011, 101, 2726-2736. | 2.3 | 16 |
| 93 | Feedback between rifting and diapirism can exhume ultrahigh-pressure rocks. Earth and Planetary Science Letters, 2011, 311, 427-438. | 4.4 | 72 |
| 94 | Investigating subduction earthquake geology along the southern Hikurangi margin using palaeoenvironmental histories of intertidal inlets. New Zealand Journal of Geology, and Geophysics, 2011, 54, 255-271. | 1.8 | 18 |
| 95 | Volcano-tectonic interactions during rapid plate-boundary evolution in the Kyushu region, SW Japan. Bulletin of the Geological Society of America, 2011, 123, 2201-2223. | 3.3 | 98 |
| 96 | Coastal uplift mechanisms at Pakarae River mouth: Constraints from a combined Holocene fluvial and marine terrace dataset. Marine Geology, 2010, 270, 72-83. | 2.1 | 20 |
| 97 | Seismic reflection character of the Hikurangi subduction interface, New Zealand, in the region of repeated Gisborne slow slip events. Geophysical Journal International, 2010, 180, 34-48. | 2.4 | 160 |
| 98 | Subduction Systems Revealed: Studies of the Hikurangi Margin. Eos, 2010, 91, 417-418. | 0.1 | 5 |
| 99 | Diverse slow slip behavior at the Hikurangi subduction margin, New Zealand. Journal of Geophysical Research, 2010, 115, . | 3.3 | 257 |
| 100 | The Darfield (Canterbury) earthquake. Bulletin of the New Zealand Society for Earthquake Engineering, 2010, 43, 228-235. | 0.5 | 60 |
| 101 | Enigmatic, highly active left-lateral shear zone in southwest Japan explained by aseismic ridge collision. Geology, 2009, 37, 143-146. | 4.4 | 77 |
| 102 | Coral reef evolution on rapidly subsiding margins. Global and Planetary Change, 2009, 66, 129-148. | 3.5 | 63 |
| 103 | Collisional model for rapid foreâ€arc block rotations, arc curvature, and episodic backâ€arc rifting in subduction settings. Geochemistry, Geophysics, Geosystems, 2009, 10, . | 2.5 | 96 |
| 104 | Characterizing the seismogenic zone of a major plate boundary subduction thrust: Hikurangi Margin, New Zealand. Geochemistry, Geophysics, Geosystems, 2009, 10, . | 2.5 | 142 |
| 105 | Slow slip and frictional transition at lowÂtemperature at the Hikurangi subductionÂzone. Nature Geoscience, 2008, 1, 316-320. | 12.9 | 108 |
| 106 | Tectonic block rotation, arc curvature, and back-arc rifting: Insights into these processes in the Mediterranean and the western Pacific. IOP Conference Series: Earth and Environmental Science, 2008, 2, 012010. | 0.3 | 4 |
| 107 | The Mw 6.6 Gisborne earthquake of 2007. Bulletin of the New Zealand Society for Earthquake Engineering, 2008, 41, 266-277. | 0.5 | 14 |
| 108 | Tectonic evolution of the active Hikurangi subduction margin, New Zealand, since the Oligocene. Tectonics, 2007, 26, . | 2.8 | 162 |

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| 109 | Temporal stability of deformation rates: Comparison of geological and geodetic observations, Hikurangi subduction margin, New Zealand. Earth and Planetary Science Letters, 2007, 258, 397-413. | 4.4 | 83 |
| 110 | Kinematic constraints from GPS on oblique convergence of the Pacific and Australian Plates, central South Island, New Zealand. Geophysical Monograph Series, 2007, , 75-94. | 0.1 | 37 |
| 111 | Do great earthquakes occur on the Alpine Fault in central South Island, New Zealand?. Geophysical Monograph Series, 2007, , 235-251. | 0.1 | 84 |
| 112 | Numerical modeling of the growth and drowning of Hawaiian coral reefs during the last two glacial cycles (0-250 kyr). Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a. | 2.5 | 28 |
| 113 | Balancing the plate motion budget in the South Island, New Zealand using GPS, geological and seismological data. Geophysical Journal International, 2007, 168, 332-352. | 2.4 | 217 |
| 114 | A future magma inflation event under the rhyolitic Taupo volcano, New Zealand: Numerical models based on constraints from geochemical, geological, and geophysical data. Journal of Volcanology and Geothermal Research, 2007, 168, 1-27. | 2.1 | 30 |
| 115 | Slow Slip Events on the Hikurangi Subduction Interface, New Zealand. , 2007, , 438-444. | | 20 |
| 116 | A large slow slip event on the central Hikurangi subduction interface beneath the Manawatu region, North Island, New Zealand. Geophysical Research Letters, 2006, 33, . | 4.0 | 91 |
| 117 | Evidence of Holocene uplift in east New Britain, Papua New Guinea. Geophysical Research Letters, 2006, 33, n/a-n/a. | 4.0 | 7 |
| 118 | Paleoecological insights into subduction zone earthquake occurrence, eastern North Island, New Zealand. Bulletin of the Geological Society of America, 2006, 118, 1051-1074. | 3.3 | 63 |
| 119 | Rapid microplate rotations and backarc rifting at the transition between collision and subduction. Geology, 2005, 33, 857. | 4.4 | 113 |
| 120 | Slow slip on the northern Hikurangi subduction interface, New Zealand. Geophysical Research Letters, 2005, 32, . | 4.0 | 136 |
| 121 | Coralgal composition of drowned carbonate platforms in the Huon Gulf, Papua New Guinea; implications for lowstand reef development and drowning. Marine Geology, 2004, 204, 59-89. | 2.1 | 67 |
| 122 | GPS and seismological constraints on active tectonics and arc-continent collision in Papua New Guinea: Implications for mechanics of microplate rotations in a plate boundary zone. Journal of Geophysical Research, 2004, 109, . | 3.3 | 146 |
| 123 | Drowned carbonate platforms in the Huon Gulf, Papua New Guinea. Geochemistry, Geophysics, Geosystems, 2004, 5, n/a-n/a. | 2.5 | 26 |
| 124 | Subduction zone coupling and tectonic block rotations in the North Island, New Zealand. Journal of Geophysical Research, 2004, 109, . | 3.3 | 459 |
| 125 | Using global positioning system data to assess tectonic hazards. , 0, , 156-175. | | 5 |
| 126 | Multi-disciplinary probabilistic tectonic hazard analysis. , 0, , 257-275. | | 5 |

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| 127 | Exploring new drilling prospects in the southwest Pacific. Scientific Drilling, 0, 17, 45-50. | 0.6 | 1 |
| 128 | Developing community-based scientific priorities and new drilling proposals in the southern Indian and southwestern Pacific oceans. Scientific Drilling, 0, 24, 61-70. | 0.6 | 2 |