# David Sandwell

List of Publications by Year
in descending order

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|---|---|---|---|
| 190 papers | 19,543 citations | 17429 63 h-index | 11303 136 g-index |
| 199 all docs | 199 docs citations | 199 times ranked | 12155 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Improved Bathymetric Prediction Using Geological Information: SYNBATH. Earth and Space Science, 2022, 9, . | 1.1 | 19 |
| 2 | On the Development of SWOT In Situ Calibration/Validation for Short-Wavelength Ocean Topography. Journal of Atmospheric and Oceanic Technology, 2022, 39, 595-617. | 0.5 | 7 |
| 3 | GNSS-corrected InSAR displacement time-series spanning the 2019 Ridgecrest, CA earthquakes. Geophysical Journal International, 2022, 230, 1358-1373. | 1.0 | 5 |
| 4 | The SARAL/AltiKa mission: A step forward to the future of altimetry. Advances in Space Research, 2021, 68, 808-828. | 1.2 | 21 |
| 5 | Gravity field recovery from geodetic altimeter missions. Advances in Space Research, 2021, 68, 1059-1072. | 1.2 | 80 |
| 6 | The Unique Role of the Jason Geodetic Missions for high Resolution Gravity Field and Mean Sea Surface Modelling. Remote Sensing, 2021, 13, 646. | 1.8 | 13 |
| 7 | Marine Vertical Gravity Gradients Reveal the Global Distribution and Tectonic Significance of â€œSeesawâ€•Ridge Propagation. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020017. | 1.4 | 9 |
| 8 | Assessment of ICESat-2 for the recovery of ocean topography. Geophysical Journal International, 2021, 226, 456-467. | 1.0 | 7 |
| 9 | Seismic Moment Accumulation Response to Lateral Crustal Variations of the San Andreas Fault System. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021208. | 1.4 | 2 |
| 10 | Comparison and evaluation of high-resolution marine gravity recovery via sea surface heights or sea surface slopes. Journal of Geodesy, 2021, 95, 1. | 1.6 | 11 |
| 11 | Integrated Sentinelâ€1 InSAR and GNSS Timeâ€Series Along the San Andreas Fault System. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022579. | 1.4 | 26 |
| 12 | Toward Absolute Phase Change Recovery With InSAR: Correcting for Earth Tides and Phase Unwrapping Ambiguities. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 726-733. | 2.7 | 26 |
| 13 | Documentation of Surface Fault Rupture and Ground-Deformation Features Produced by the 4 and 5 July 2019 MwÂ6.4 and MwÂ7.1 Ridgecrest Earthquake Sequence. Seismological Research Letters, 2020, 91, 2942-2959. | 0.8 | 47 |
| 14 | Surface deformation associated with fractures near the 2019 Ridgecrest earthquake sequence. Science, 2020, 370, 605-608. | 6.0 | 41 |
| 15 | Coseismic Displacements and Surface Fractures from Sentinel-1 InSAR: 2019 Ridgecrest Earthquakes. Seismological Research Letters, 2020, 91, 1979-1985. | 0.8 | 78 |
| 16 | Global Bathymetry and Topography at 15ÂArcÂSec: SRTM15+. Earth and Space Science, 2019, 6, 1847-1864. | 1.1 | 440 |
| 17 | Slow Slip Event On the Southern San Andreas Fault Triggered by the 2017 M<sub>w</sub>8.2 Chiapas (Mexico) Earthquake. Journal of Geophysical Research: Solid Earth, 2019, 124, 9956-9975. | 1.4 | 46 |
| 18 | Transient Deformation in California From Two Decades of GPS Displacements: Implications for a Threeâ€Dimensional Kinematic Reference Frame. Journal of Geophysical Research: Solid Earth, 2019, 124, 12189-12223. | 1.4 | 25 |

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| 19 | Improved Arctic Ocean Bathymetry Derived From DTU17 Gravity Model. Earth and Space Science, 2019, 6, 1336-1347. | 1.1 | 14 |
| 20 | Meter-Scale Seafloor Geodetic Measurements Obtained from Repeated Multibeam Sidescan Surveys. Marine Geodesy, 2019, 42, 491-506. | 0.9 | 2 |
| 21 | Outer trench slope flexure and faulting at Pacific basin subduction zones. Geophysical Journal International, 2019, 218, 708-728. | 1.0 | 25 |
| 22 | Kinematic Post-processing of Ship Navigation Data Using Precise Point Positioning. Journal of Navigation, 2019, 72, 795-804. | 1.0 | 15 |
| 23 | INITIAL GEODETIC RESULTS FROM THE RESPONSE TO THE RIDGECREST EARTHQUAKE SEQUENCE. , 2019, , . | | 0 |
| 24 | Maxwell: A semi-analytic 4D code for earthquake cycle modeling of transform fault systems. Computers and Geosciences, 2018, 114, 84-97. | 2.0 | 2 |
| 25 | A spectral expansion approach for geodetic slip inversion: implications for the downdip rupture limits of oceanic and continental megathrust earthquakes. Geophysical Journal International, 2018, 212, 400-411. | 1.0 | 3 |
| 26 | Surface Creep Rate and Moment Accumulation Rate Along the Aceh Segment of the Sumatran Fault From Lâ€band ALOSâ€1/PALSARâ€1 Observations. Geophysical Research Letters, 2018, 45, 3404-3412. | 1.5 | 18 |
| 27 | Surface Creep Rate of the Southern San Andreas Fault Modulated by Stress Perturbations From Nearby Large Events. Geophysical Research Letters, 2018, 45, 10,259. | 1.5 | 16 |
| 28 | Interseismic Velocity Field and Seismic Moment Release in Northern Baja California, Mexico. Seismological Research Letters, 2018, 89, 526-533. | 0.8 | 8 |
| 29 | Plate Tectonics: A Martian View. , 2018, , 331-345. | | 0 |
| 30 | Tectonic and Anthropogenic Deformation at the Cerro Prieto Geothermal Step-Over Revealed by Sentinel-1A InSAR. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5284-5292. | 2.7 | 89 |
| 31 | Inversion of marine gravity anomalies over southeastern China seas from multi-satellite altimeter vertical deflections. Journal of Applied Geophysics, 2017, 137, 128-137. | 0.9 | 42 |
| 32 | Retracking of SARAL/AltiKa Radar Altimetry Waveforms for Optimal Gravity Field Recovery. Marine Geodesy, 2017, 40, 40-56. | 0.9 | 32 |
| 33 | The GPlates Portal: Cloud-Based Interactive 3D Visualization of Global Geophysical and Geological Data in a Web Browser. PLoS ONE, 2016, 11, e0150883. | 1.1 | 41 |
| 34 | Refining the shallow slip deficit. Geophysical Journal International, 2016, 204, 1843-1862. | 1.0 | 95 |
| 35 | Interpolation of 2â€Ð vector data using constraints from elasticity. Geophysical Research Letters, 2016, 43, 10,703. | 1.5 | 40 |
| 36 | Seafloor geodesy from repeated sidescan sonar surveys. Journal of Geophysical Research: Solid Earth, 2016, 121, 4800-4813. | 1.4 | 15 |

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| 37 | The vertical fingerprint of earthquake cycle loading in southern California. Nature Geoscience, 2016, 9, 611-614. | 5.4 | 19 |
| 38 | Upper-plate controls on co-seismic slip in the 2011 magnitude 9.0 Tohoku-oki earthquake. Nature, 2016, 531, 92-96. | 13.7 | 69 |
| 39 | Oceanic microplate formation records the onset of Indiaâ€“Eurasia collision. Earth and Planetary Science Letters, 2016, 433, 204-214. | 1.8 | 27 |
| 40 | Lineâ€ofâ€sight displacement from ALOSâ€2 interferometry: M<sub>w</sub> 7.8 Gorkha Earthquake and M<sub>w</sub> 7.3 aftershock. Geophysical Research Letters, 2015, 42, 6655-6661. | 1.5 | 174 |
| 41 | Deformation-related volcanism in the Pacific Ocean linked to the Hawaiianâ€“Emperor bend. Nature Geoscience, 2015, 8, 393-397. | 5.4 | 38 |
| 42 | An iterative spectral solution method for thin elastic plate flexure with variable rigidity. Geophysical Journal International, 2015, 200, 1012-1028. | 1.0 | 18 |
| 43 | An integral method to estimate the moment accumulation rate on the Creeping Section of the San Andreas Fault. Geophysical Journal International, 2015, 203, 48-62. | 1.0 | 11 |
| 44 | Retracking CryoSat-2, Envisat and Jason-1 radar altimetry waveforms for improved gravity field recovery. Geophysical Journal International, 2014, 196, 1402-1422. | 1.0 | 97 |
| 45 | Using InSAR to detect active deformation associated with faults in Suban field, South Sumatra Basin, Indonesia. The Leading Edge, 2014, 33, 882-888. | 0.4 | 14 |
| 46 | Is there a discrepancy between geological and geodetic slip rates along the San Andreas Fault System?. Journal of Geophysical Research: Solid Earth, 2014, 119, 2518-2538. | 1.4 | 65 |
| 47 | New global marine gravity model from CryoSat-2 and Jason-1 reveals buried tectonic structure. Science, 2014, 346, 65-67. | 6.0 | 1,074 |
| 48 | Localized and distributed creep along the southern San Andreas Fault. Journal of Geophysical Research: Solid Earth, 2014, 119, 7909-7922. | 1.4 | 82 |
| 49 | Slope correction for ocean radar altimetry. Journal of Geodesy, 2014, 88, 765-771. | 1.6 | 18 |
| 50 | Vertical crustal displacement due to interseismic deformation along the San Andreas fault: Constraints from tide gauges. Geophysical Research Letters, 2014, 41, 3793-3801. | 1.5 | 29 |
| 51 | InSAR decorrelation to assess and prevent volcanic risk. European Journal of Remote Sensing, 2014, 47, 537-556. | 1.7 | 13 |
| 52 | Did stresses from the Cerro Prieto Geothermal Field influence the El Mayorâ€Cucapah rupture sequence?. Geophysical Research Letters, 2014, 41, 8767-8774. | 1.5 | 19 |
| 53 | El Mayor-Cucapah (M<sub>w</sub>7.2) earthquake: Early near-field postseismic deformation from InSAR and GPS observations. Journal of Geophysical Research: Solid Earth, 2014, 119, 1482-1497. | 1.4 | 66 |
| 54 | Geodetic investigation into the deformation of the Salton Trough. Journal of Geophysical Research: Solid Earth, 2013, 118, 5030-5039. | 1.4 | 31 |

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| 55 | Toward 1-mGal accuracy in global marine gravity from CryoSat-2, Envisat, and Jason-1. The Leading Edge, 2013, 32, 892-899. | 0.4 | 208 |
| 56 | Highâ€resolution interseismic velocity data along the San Andreas Fault from GPS and InSAR. Journal of Geophysical Research: Solid Earth, 2013, 118, 369-389. | 1.4 | 139 |
| 57 | Significant improvements in marine gravity from ongoing satellite missions. Marine Geophysical Researches, 2013, 34, 137-146. | 0.5 | 8 |
| 58 | Physical principles of remote sensing: third edition. Geophysical Journal International, 2013, 195, 2050-2050. | 1.0 | 1 |
| 59 | Interseismic deformation and creep along the central section of the North Anatolian Fault (Turkey): InSAR observations and implications for rateâ€andâ€state friction properties. Journal of Geophysical Research: Solid Earth, 2013, 118, 316-331. | 1.4 | 85 |
| 60 | Combining GPS and Remotely Sensed Data to Characterize Timeâ€Varying Crustal Motion. Eos, 2013, 94, 309-309. | 0.1 | 2 |
| 61 | SAR interferometry at Venus for topography and change detection. Planetary and Space Science, 2012, 73, 130-144. | 0.9 | 16 |
| 62 | Constraints on 3â€Ð stress in the crust from support of midâ€ocean ridge topography. Journal of Geophysical Research, 2012, 117, . | 3.3 | 11 |
| 63 | Slip on faults in the Imperial Valley triggered by the 4 April 2010 Mw 7.2 El Mayor-Cucapah earthquake revealed by InSAR. Geophysical Research Letters, 2011, 38, n/a-n/a. | 1.5 | 68 |
| 64 | Locking depths estimated from geodesy and seismology along the San Andreas Fault System: Implications for seismic moment release. Journal of Geophysical Research, 2011, 116, . | 3.3 | 91 |
| 65 | Open radar interferometry software for mapping surface Deformation. Eos, 2011, 92, 234-234. | 0.1 | 269 |
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| 67 | Evolution of errors in the altimetric bathymetry model used by Google Earth and GEBCO. Marine Geophysical Researches, 2010, 31, 223-238. | 0.5 | 22 |
| 68 | Decorrelation of L-Band and C-Band Interferometry Over Vegetated Areas in California. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 2942-2952. | 2.7 | 101 |
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| 71 | The Global Seamount Census. Oceanography, 2010, 23, 24-33. | 0.5 | 262 |
| 72 | Ocean loading effects on stress at near shore plate boundary fault systems. Journal of Geophysical Research, 2010, 115, . | 3.3 | 54 |

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| 73 | Coseismic slip model of the 2008 Wenchuan earthquake derived from joint inversion of interferometric synthetic aperture radar, GPS, and field data. Journal of Geophysical Research, 2010, 115, . | 3.3 | 111 |
| 74 | The 2010 Maule, Chile earthquake: Downdip rupture limit revealed by space geodesy. Geophysical Research Letters, 2010, 37, . | 1.5 | 117 |
| 75 | Seamount Discovery Tool Aids Navigation to Uncharted Seafloor Features. Oceanography, 2010, 23, 34-36. | 0.5 | 59 |
| 76 | Three-dimensional models of elastostatic deformation in heterogeneous media, with applications to the Eastern California Shear Zone. Geophysical Journal International, 2009, 179, 500-520. | 1.0 | 50 |
| 77 | Global Bathymetry and Elevation Data at 30 Arc Seconds Resolution: SRTM30_PLUS. Marine Geodesy, 2009, 32, 355-371. | 0.9 | 1,168 |
| 78 | Stress evolution of the San Andreas fault system: Recurrence interval versus locking depth. Geophysical Research Letters, 2009, 36, . | 1.5 | 37 |
| 79 | A silent M<sub>w</sub> 4.7 slip event of October 2006 on the Superstition Hills fault, southern California. Journal of Geophysical Research, 2009, 114, . | 3.3 | 49 |
| 80 | Global marine gravity from retracked Geosat and ERSâ€1 altimetry: Ridge segmentation versus spreading rate. Journal of Geophysical Research, 2009, 114, . | 3.3 | 591 |
| 81 | Inflation along Kilauea's Southwest Rift Zone in 2006. Journal of Volcanology and Geothermal Research, 2008, 177, 418-424. | 0.8 | 13 |
| 82 | Global estimates of seafloor slope from singleâ€beam ship soundings. Journal of Geophysical Research, 2008, 113, . | 3.3 | 18 |
| 83 | Magmatically Triggered Slow Slip at Kilauea Volcano, Hawaii. Science, 2008, 321, 1177-1177. | 6.0 | 55 |
| 84 | Accuracy and Resolution of ALOS Interferometry: Vector Deformation Maps of the Father's Day Intrusion at Kilauea. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 3524-3534. | 2.7 | 135 |
| 85 | Diffuse interseismic deformation across the Pacificâ€“North America plate boundary. Geology, 2007, 35, 311. | 2.0 | 39 |
| 86 | Modulation of the earthquake cycle at the southern San Andreas fault by lake loading. Journal of Geophysical Research, 2007, 112, . | 3.3 | 34 |
| 87 | A model of the earthquake cycle along the San Andreas Fault System for the past 1000 years. Journal of Geophysical Research, 2006, 111, . | 3.3 | 66 |
| 88 | Global gravity, bathymetry, and the distribution of submarine volcanism through space and time. Journal of Geophysical Research, 2006, 111, . | 3.3 | 78 |
| 89 | Bathymetry from space: Rationale and requirements for a new, high-resolution altimetric mission. Comptes Rendus - Geoscience, 2006, 338, 1049-1062. | 0.4 | 50 |
| 90 | Estimates of heat flow from Cenozoic seafloor using global depth and age data. Tectonophysics, 2006, 417, 325-335. | 0.9 | 33 |

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| 91 | Reply to comment on: â€œEstimates of heat flow from Cenozoic seafloor using global depth and age dataâ€• Tectonophysics, 2006, 428, 101-103. | 0.9 | 1 |
| 92 | Retracking ERS-1 altimeter waveforms for optimal gravity field recovery. Geophysical Journal International, 2005, 163, 79-89. | 1.0 | 117 |
| 93 | Three-dimensional deformation caused by the Bam, Iran, earthquake and the origin of shallow slip deficit. Nature, 2005, 435, 295-299. | 13.7 | 403 |
| 94 | Global tectonic maps. , 2005, , . | | 5 |
| 95 | Conventional Bathymetry, Bathymetry from Space, and Geodetic Altimetry. Oceanography, 2004, 17, 8-23. | 0.5 | 53 |
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| 97 | A three-dimensional semianalytic viscoelastic model for time-dependent analyses of the earthquake cycle. Journal of Geophysical Research, 2004, 109, . | 3.3 | 47 |
| 98 | Radar interferometry for measuring tidal strains across cracks on Europa. Journal of Geophysical Research, 2004, 109, . | 3.3 | 9 |
| 99 | Abyss-Lite: A High-resolution Gravimetric and Bathymetric Mission. , 2004, , . | | 2 |
| 100 | Accuracy and resolution of shuttle radar topography mission data. Geophysical Research Letters, 2003, 30, . | 1.5 | 170 |
| 101 | Fault creep along the southern San Andreas from interferometric synthetic aperture radar, permanent scatterers, and stacking. Journal of Geophysical Research, 2003, 108, . | 3.3 | 169 |
| 102 | Coulomb stress accumulation along the San Andreas Fault system. Journal of Geophysical Research, 2003, 108, . | 3.3 | 64 |
| 103 | Bathymetry from space is now possible. Eos, 2003, 84, 37-44. | 0.1 | 17 |
| 104 | The Visualization Center at Scripps Institution of Oceanography: Education and Outreach. Seismological Research Letters, 2003, 74, 641-648. | 0.8 | 2 |
| 105 | Deformation on Nearby Faults Induced by the 1999 Hector Mine Earthquake. Science, 2002, 297, 1858-1862. | 6.0 | 171 |
| 106 | The lowest place on Earth is subsidingâ€”An InSAR (interferometric synthetic aperture radar) perspective. Bulletin of the Geological Society of America, 2002, 114, 12-23. | 1.6 | 102 |
| 107 | The 1999 (Mw 7.1) Hector Mine, California, Earthquake: Near-Field Postseismic Deformation from ERS Interferometry. Bulletin of the Seismological Society of America, 2002, 92, 1433-1442. | 1.1 | 73 |
| 108 | The 1999 Hector Mine Earthquake, Southern California: Vector Near-Field Displacements from ERS InSAR. Bulletin of the Seismological Society of America, 2002, 92, 1341-1354. | 1.1 | 18 |

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| 109 | Satellite interferometric observations of displacements associated with seasonal groundwater in the Los Angeles basin. Journal of Geophysical Research, 2002, 107, ETG 8-1-ETG 8-15. | 3.3 | 94 |
| 110 | Creep along the Imperial Fault, southern California, from GPS measurements. Journal of Geophysical Research, 2002, 107, ETG 12-1-ETG 12-13. | 3.3 | 36 |
| 111 | Near-Field Deformation of the Imperial Valley, Southern California, from GPS and InSAR Measurements. International Association of Geodesy Symposia, 2002, , 506-511. | 0.2 | 0 |
| 112 | Chapter 12 Bathymetric Estimation. International Geophysics, 2001, , 441-xxxiv. | 0.6 | 27 |
| 113 | Three-dimensional estimation of elastic thickness under the Louisville Ridge. Journal of Geophysical Research, 2000, 105, 13239-13252. | 3.3 | 32 |
| 114 | Topographic phase recovery from stacked ERS interferometry and a low-resolution digital elevation model. Journal of Geophysical Research, 2000, 105, 28211-28222. | 3.3 | 35 |
| 115 | Global correlation of mesoscale ocean variability with seafloor roughness from satellite altimetry. Geophysical Research Letters, 2000, 27, 1251-1254. | 1.5 | 44 |
| 116 | Near real-time radar interferometry of the Mw 7.1 Hector Mine Earthquake. Geophysical Research Letters, 2000, 27, 3101-3104. | 1.5 | 56 |
| 117 | Stacked global satellite gravity profiles. Geophysics, 1999, 64, 1748-1755. | 1.4 | 12 |
| 118 | Coseismic deformation associated with the November 1995,MW= 7.1 Nuweiba earthquake, Gulf of Elat (Aqaba), detected by synthetic aperture radar interferometry. Journal of Geophysical Research, 1999, 104, 25221-25232. | 3.3 | 46 |
| 119 | Phase gradient approach to stacking interferograms. Journal of Geophysical Research, 1998, 103, 30183-30204. | 3.3 | 203 |
| 120 | Small-scale deformations associated with the 1992 Landers, California, earthquake mapped by synthetic aperture radar interferometry phase gradients. Journal of Geophysical Research, 1998, 103, 27001-27016. | 3.3 | 66 |
| 121 | What are the limitations of satellite altimetry?. The Leading Edge, 1998, 17, 73-76. | 0.4 | 27 |
| 122 | Global Sea Floor Topography from Satellite Altimetry and Ship Depth Soundings. Science, 1997, 277, 1956-1962. | 6.0 | 3,781 |
| 123 | Marine gravity anomaly from Geosat and ERS 1 satellite altimetry. Journal of Geophysical Research, 1997, 102, 10039-10054. | 3.3 | 1,505 |
| 124 | Driving Forces for Limited Tectonics on Venus. Icarus, 1997, 129, 232-244. | 1.1 | 49 |
| 125 | Modal depth anomalies from multibeam bathymetry: Is there a South Pacific superswell?. Earth and Planetary Science Letters, 1996, 139, 1-16. | 1.8 | 17 |
| 126 | Synthetic Aperture Radar for Geodesy. Science, 1996, 273, 1181-1182. | 6.0 | 14 |

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| 127 | Marine Gravity from Satellite Altimetry over Ocean and Sea Ice. International Association of Geodesy Symposia, 1996, , 12-19. | 0.2 | 2 |
| 128 | A Global Survey of Possible Subduction Sites on Venus. Icarus, 1995, 117, 173-196. | 1.1 | 69 |
| 129 | Lithospheric bending at subduction zones based on depth soundings and satellite gravity. Journal of Geophysical Research, 1995, 100, 379-400. | 3.3 | 86 |
| 130 | Evidence for diffuse extension of the Pacific Plate from Pukapuka ridges and cross-grain gravity lineations. Journal of Geophysical Research, 1995, 100, 15087-15099. | 3.3 | 137 |
| 131 | Comparison of along-track resolution of stacked Geosat, ERS 1, and TOPEX satellite altimeters. Journal of Geophysical Research, 1995, 100, 15117-15127. | 3.3 | 45 |
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| 135 | Systematics of ridge propagation south of 30Â°S. Earth and Planetary Science Letters, 1994, 121, 245-258. | 1.8 | 58 |
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| 138 | Fracture zone traces across the north Pacific cretaceous quiet zone and their tectonic implications. Geophysical Monograph Series, 1993, , 137-154. | 0.1 | 11 |
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| 141 | Joints in Venusian lava flows. Journal of Geophysical Research, 1992, 97, 13601-13610. | 3.3 | 30 |
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| 147 | A Comparison Between Satellite Gravity Data (Geosat) and Marine Gravity Data Measured in the Weddell Sea, Antarctica. International Association of Geodesy Symposia, 1992, , 129-138. | 0.2 | 1 |
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| 155 | Tectonic history and new isochron chart of the south Pacific. Journal of Geophysical Research, 1990, 95, 8543-8567. | 3.3 | 174 |
| 156 | A Tectonic Chart for the Southern Ocean Derived from Geosat Altimetry Data. , 1990, , . | | 2 |
| 157 | A preliminary tectonic fabric chart of the Indian Ocean. Journal of Earth System Science, 1989, 98, 7-24. | 0.6 | 35 |
| 158 | Global mesoscale variability from the Geosat Exact Repeat Mission: Correlation with ocean depth. Journal of Geophysical Research, 1989, 94, 17971-17984. | 3.3 | 64 |
| 159 | Crustal volumes of the continents and of oceanic and continental submarine plateaus. Earth and Planetary Science Letters, 1989, 92, 234-246. | 1.8 | 136 |
| 160 | Geoid height versus topography for oceanic plateaus and swells. Journal of Geophysical Research, 1989, 94, 7403-7418. | 3.3 | 110 |
| 161 | On the source of crossâ€grain lineations in the central Pacific gravity field. Journal of Geophysical Research, 1989, 94, 9341-9352. | 3.3 | 30 |
| 162 | Evolution of the eastern Indian Ocean since the Late Cretaceous: Constraints from Geosat altimetry. Journal of Geophysical Research, 1989, 94, 13755-13782. | 3.3 | 254 |

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| 163 | An abrupt change in ridge axis gravity with spreading rate. Journal of Geophysical Research, 1989, 94, 17383-17392. | 3.3 | 81 |
| 164 | Chapter 3 long term dynamics of the solid earth. , 1989, , 43-102. | | 0 |
| 165 | Marine gravity. Eos, 1988, 69, 1569. | 0.1 | 4 |
| 166 | Compensation of swells and plateaus in the north Pacific: No direct evidence for mantle convection. Journal of Geophysical Research, 1988, 93, 2775-2783. | 3.3 | 89 |
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| 168 | Global distribution of seamounts from Seasat profiles. Journal of Geophysical Research, 1988, 93, 10408-10420. | 3.3 | 66 |
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