

J T Freymueller

List of Publications by Year in descending order

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197
papers

10,391
citations

34105

52
h-index

40979

93
g-index

213
all docs

213
docs citations

213
times ranked

5901
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascading rupture of a megathrust. <i>Science Advances</i> , 2022, 8, eabm4131.	10.3	25
2	Present-day Strike-slip Faulting and Thrusting of the Kepingtage Fold-and-Thrust Belt in Southern Tianshan: Constraints From GPS Observations. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	5
3	Quantifying mass flows at Mt. Cleveland, Alaska between 2001 and 2020 using satellite photogrammetry. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 429, 107614.	2.1	1
4	Stress Promotion of the 1958 M_w 7.8 Fairweather Fault Earthquake and Others in Southeast Alaska by Glacial Isostatic Adjustment and Inter-earthquake Stress Transfer. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020411.	3.4	5
5	GPS, Tectonic Geodesy. <i>Encyclopedia of Earth Sciences Series</i> , 2021, , 558-578.	0.1	1
6	<i>Geodesy.</i> , 2021, , 719-735.		0
7	New Constraints on Slip Deficit on the Aleutian Megathrust and Inflation at Mt. Veniaminof, Alaska From Repeat GPS Measurements. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091787.	4.0	25
8	Postseismic Deformation due to the 2012 M_w 7.8 Haida Gwaii and 2013 M_w 7.5 Craig Earthquakes and its Implications for Regional Rheological Structure. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020197.	3.4	9
9	AutoCoulomb: An Automated Configurable Program to Calculate Coulomb Stress Changes on Receiver Faults with Any Orientation and its Application to the 2020 M_w 7.8 Simeonof Island, Alaska, Earthquake. <i>Seismological Research Letters</i> , 2021, 92, 2591-2609.	1.9	8
10	Constraints on the Slip Distribution of the 1938 M_w 8.3 Alaska Peninsula Earthquake From Tsunami Modeling. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092812.	4.0	17
11	Multidisciplinary Constraints on Magma Compressibility, the Pre-eruptive Exsolved Volatile Fraction, and the H_2O/CO_2 Molar Ratio for the 2006 Augustine Eruption, Alaska. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009911.	2.5	10
12	Evidence for asthenospheric flow rotation in northwest Canada: insights from shear wave splitting. <i>Geophysical Journal International</i> , 2021, 228, 1780-1792.	2.4	3
13	Measuring, modelling and projecting coastal land subsidence. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 40-58.	29.7	118
14	The deep Shumagin gap filled: Kinematic rupture model and slip budget analysis of the 2020 M_w 7.8 Simeonof earthquake constrained by GNSS, global seismic waveforms, and floating InSAR. <i>Earth and Planetary Science Letters</i> , 2021, 576, 117241.	4.4	23
15	The Impact of a 3D Earth Structure on Glacial Isostatic Adjustment in Southeast Alaska Following the Little Ice Age. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022312.	3.4	5
16	Glacially Induced Faulting in Alaska. , 2021, , 353-365.		2
17	Spatio-temporal variations of afterslip and viscoelastic relaxation following the M_w 7.8 Gorkha (Nepal) earthquake. <i>Earth and Planetary Science Letters</i> , 2020, 532, 116031.	4.4	35
18	A Block Model of Present-day Kinematics of Alaska and Western Canada. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018378.	3.4	43

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19	Decadal Viscoelastic Postseismic Deformation of the 1964 Mw9.2 Alaska Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019649.	3.4	10
20	Detection and Assessment of a Large and Potentially Tsunamigenic Periglacial Landslide in Barry Arm, Alaska. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089800.	4.0	30
21	A 25-Year History of Volcano Magma Supply in the East Central Aleutian Arc, Alaska. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088388.	4.0	6
22	Characterization of the 2008 Phreatomagmatic Eruption of Okmok From ArcticDEM and InSAR: Deposition, Erosion, and Deformation. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018977.	3.4	3
23	Near-Field Modeling of the 1964 Alaska Tsunami: The Role of Splay Faults and Horizontal Displacements. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019620.	3.4	14
24	The Mackenzie Mountains EarthScope Project: Studying Active Deformation in the Northern North American Cordillera from Margin to Craton. <i>Seismological Research Letters</i> , 2020, 91, 521-532.	1.9	10
25	Modeling the Postruptive Deformation at Okmok Based on the GPS and InSAR Time Series: Changes in the Shallow Magma Storage System. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB017801.	3.4	14
26	Understanding of Contemporary Regional Sea-Level Change and the Implications for the Future. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000672.	23.0	74
27	GPS, Tectonic Geodesy. <i>Encyclopedia of Earth Sciences Series</i> , 2020, , 1-21.	0.1	1
28	Millimeter-level ultra-long period multiple Earth-circling surface waves retrieved from dense high-rate GPS network. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115705.	4.4	3
29	North American Earth Science Megaproject Continuum, Part 3: New Canadian EON-ROSE Program. <i>Acta Geologica Sinica</i> , 2019, 93, 12-13.	1.4	0
30	Vertical Velocities, Glacial Isostatic Adjustment, and Earth Structure of Northern and Western Alaska Based on Repeat GPS Measurements. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9148-9163.	3.4	1
31	Hindcasting Magma Reservoir Stability Preceding the 2008 Eruption of Okmok, Alaska. <i>Geophysical Research Letters</i> , 2019, 46, 8801-8808.	4.0	19
32	Fault Geometry and Slip Distribution of the 2013 <i>M_w</i> 6.6 Lushan Earthquake in China Constrained by GPS, InSAR, Leveling, and Strong Motion Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 7341-7353.	3.4	14
33	Geodetic Observations of Time-Varying Glacial Isostatic Adjustment in Southeast Alaska and Its Implications for Earth Rheology. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9870-9889.	3.4	29
34	Regional Global Navigation Satellite System Networks for Crustal Deformation Monitoring. <i>Seismological Research Letters</i> , 2019, 91, 552-572.	1.9	20
35	A large scale of apparent sudden movements in Japan detected by high-rate GPS after the 2011 Tohoku Mw9.0 earthquake: Physical signals or unidentified artifacts?. <i>Earth, Planets and Space</i> , 2019, 71, .	2.5	13
36	Glacial Isostatic Adjustment, Intraplate Strain, and Relative Sea Level Changes in the Eastern United States. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6056-6071.	3.4	14

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37	Cenozoic tectono-thermal history of the southern Talkeetna Mountains, Alaska: Insights into a potentially alternating convergent and transform plate margin. , 2019, 15, 1539-1576.		14
38	Crustal deformation in the northern Andes – A new GPS velocity field. Journal of South American Earth Sciences, 2019, 89, 76-91.	1.4	77
39	Spatial Variation of Slip Behavior Beneath the Alaska Peninsula Along Alaska’s Aleutian Subduction Zone. Geophysical Research Letters, 2018, 45, 3453-3460.	4.0	55
40	Evaluating landfast sea ice stress and fracture in support of operations on sea ice using SAR interferometry. Cold Regions Science and Technology, 2018, 149, 51-64.	3.5	20
41	Volcanic ash deposition, eelgrass beds, and inshore habitat loss from the 1920s to the 1990s at Chignik, Alaska. Estuarine, Coastal and Shelf Science, 2018, 202, 69-86.	2.1	10
42	Complex surface deformation of Akutan volcano, Alaska revealed from InSAR time series. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 171-180.	2.8	25
43	Single-Frequency Instantaneous GNSS Velocities Resolve Dynamic Ground Motion of the 2016 Mw 7.1 Iniskin, Alaska, Earthquake. Seismological Research Letters, 2018, 89, 1040-1048.	1.9	25
44	Complex Faulting and Triggered Rupture During the 2018 Mw 7.9 Offshore Kodiak, Alaska, Earthquake. Geophysical Research Letters, 2018, 45, 7533-7541.	4.0	39
45	The 1 May 2017 British Columbia-Alaska Earthquake Doublet and Implication for Complexity Near Southern End of Denali Fault System. Geophysical Research Letters, 2018, 45, 5937-5947.	4.0	11
46	EON-ROSE and the Canadian Cordillera Array – Building Bridges to Span Earth System Science in Canada. Geoscience Canada, 2018, 45, 97-109.	0.8	8
47	Plate coupling and strain in the far western Aleutian arc modeled from GPS data. Geophysical Research Letters, 2017, 44, 3176-3183.	4.0	14
48	Probing Coulomb stress triggering effects for a Mw > 6.0 earthquake sequence from 1997 to 2014 along the periphery of the Bayan Har block on the Tibetan Plateau. Tectonophysics, 2017, 694, 249-267.	2.2	14
49	Episodic inflation and complex surface deformation of Akutan volcano, Alaska revealed from GPS time-series. Journal of Volcanology and Geothermal Research, 2017, 347, 337-359.	2.1	14
50	Rupture Along 400 km of the Bering Fracture Zone in the Komandorsky Islands Earthquake (M W 7.8) of 17 July 2017. Geophysical Research Letters, 2017, 44, 12,161.	4.0	12
51	Stress-driven relaxation of heterogeneous upper mantle and time-dependent afterslip following the 2011 Tohoku earthquake. Journal of Geophysical Research: Solid Earth, 2016, 121, 385-411.	3.4	103
52	Modeling 3-D crustal velocities in the United States and Canada. Journal of Geophysical Research: Solid Earth, 2016, 121, 5365-5388.	3.4	20
53	How fast is the middle-lower crust flowing in eastern Tibet? A constraint from geodetic observations. Journal of Geophysical Research: Solid Earth, 2016, 121, 6903-6915.	3.4	16
54	Slow slip events and time-dependent variations in locking beneath Lower Cook Inlet of the Alaska’s Aleutian subduction zone. Journal of Geophysical Research: Solid Earth, 2016, 121, 1060-1079.	3.4	54

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55	Evidence for shallow megathrust slip across the Unalaska seismic gap during the great 1957 Andreanof Islands earthquake, eastern Aleutian Islands, Alaska. <i>Geophysical Research Letters</i> , 2016, 43, 10,328.	4.0	11
56	Vertical crustal movement around the southeastern Tibetan Plateau constrained by GPS and GRACE data. <i>Earth and Planetary Science Letters</i> , 2016, 437, 1-8.	4.4	71
57	A paleogeodetic record of variable interseismic rates and megathrust coupling at Simeulue Island, Sumatra. <i>Geophysical Research Letters</i> , 2015, 42, 10,585.	4.0	30
58	Monitoring changes in seismic velocity related to an ongoing rapid inflation event at Okmok volcano, Alaska. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 5664-5676.	3.4	17
59	Spatiotemporal variations of the slow slip event between 2008 and 2013 in the southcentral Alaska subduction zone. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2450-2461.	2.5	22
60	Indentorâ€”corner tectonics in the Yakutatâ€”St. Elias collision constrained by GPS. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 3897-3908.	3.4	35
61	Post-Eruptive Inflation of Okmok Volcano, Alaska, from InSAR, 2008â€”2014. <i>Remote Sensing</i> , 2015, 7, 16778-16794.	4.0	15
62	Seasonal Hydrological Loading in Southern Tibet Detected by Joint Analysis of GPS and GRACE. <i>Sensors</i> , 2015, 15, 30525-30538.	3.8	26
63	Measurement and interpretation of subtle deformation signals at Unimak Island from 2003 to 2010 using weather modelâ€”assisted time series InSAR. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1175-1194.	3.4	18
64	A 15 year slowâ€”slip event on the Sunda megathrust offshore Sumatra. <i>Geophysical Research Letters</i> , 2015, 42, 6630-6638.	4.0	23
65	Coseismic and Early Postseismic Deformation of the 5 January 2013 Mw 7.5 Craig Earthquake from Static and Kinematic GPS Solutions. <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 1153-1164.	2.3	30
66	Ground Deformation, Gravity, andâ€”Magnetics. , 2015, , 1101-1123.		3
67	Rapid earthquake focal mechanism inversion using high-rate GPS velocimeters in sparse network. <i>Science China Earth Sciences</i> , 2015, 58, 1970-1981.	5.2	10
68	The effects of compressibility on the GIA in southeast Alaska. <i>Journal of Geodynamics</i> , 2015, 84, 55-61.	1.6	2
69	Contributions of poroelastic rebound and a weak volcanic arc to the postseismic deformation of the 2011 Tohoku earthquake. <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	63
70	Velocity Structure of the Saint Elias, Alaska, Region from Local Earthquake Tomography. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 2597-2603.	2.3	2
71	Why the 1964 Great Alaska Earthquake Matters 50 Years Later. <i>Seismological Research Letters</i> , 2014, 85, 245-251.	1.9	1
72	Bouguer gravity anomaly and isostasy at western Sichuan Basin revealed by new gravity surveys. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3925-3938.	3.4	26

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73	Sensitivity of Coulomb stress change to the parameters of the Coulomb failure model: A case study using the 2008 M_w 7.9 Wenchuan earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3371-3392.	3.4	40
74	First geodetic observations of a deep earthquake: The 2013 Sea of Okhotsk M_w 8.3, 611 km-deep, event. <i>Geophysical Research Letters</i> , 2014, 41, 3826-3832.	4.0	10
75	Evaluating seasonal loading models and their impact on global and regional reference frame alignment. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1337-1358.	3.4	48
76	Displacements, Strains and Rotations in the Central Andean Plate Boundary Zone. <i>Geodynamic Series</i> , 2013, , 135-144.	0.1	6
77	The January 26, 2001 Bhuj Earthquake and the Diffuse Western Boundary of the Indian Plate. <i>Geodynamic Series</i> , 2013, , 243-254.	0.1	13
78	Crustal Shortening and Extension in the Central Andes: Insights from a Viscoelastic Model. <i>Geodynamic Series</i> , 2013, , 325-339.	0.1	10
79	The Closed Upper-Mantle Circulation of Plate Tectonics. <i>Geodynamic Series</i> , 2013, , 359-410.	0.1	33
80	Crustal Motion Models Developed for Version 3.2 of the Horizontal Time-Dependent Positioning Utility. <i>Journal of Applied Geodesy</i> , 2013, 7, .	1.1	7
81	The Accidental Tide Gauge: A GPS Reflection Case Study From Kachemak Bay, Alaska. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013, 10, 1200-1204.	3.1	153
82	Repeated large Slow Slip Events at the southcentral Alaska subduction zone. <i>Earth and Planetary Science Letters</i> , 2013, 375, 303-311.	4.4	53
83	Surface deformation of Bezymianny Volcano, Kamchatka, recorded by GPS: The eruptions from 2005 to 2010 and long-term, long-wavelength subsidence. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 263, 58-74.	2.1	13
84	Geodetic observations during the 2009 eruption of Redoubt Volcano, Alaska. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 259, 115-132.	2.1	70
85	Horizontal motion in elastic response to seasonal loading of rain water in the Amazon Basin and monsoon water in Southeast Asia observed by GPS and inferred from GRACE. <i>Geophysical Research Letters</i> , 2013, 40, 6048-6053.	4.0	87
86	Active tectonics of the St. Elias orogen, Alaska, observed with GPS measurements. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 5625-5642.	3.4	70
87	Rapid postseismic relaxation after the great 2006-2007 Kuril earthquakes from GPS observations in 2007-2011. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 3691-3706.	3.4	36
88	Plate Boundary Zones: Concepts and Approaches. <i>Geodynamic Series</i> , 2013, , 1-26.	0.1	7
89	Supershear rupture of the 5 January 2013 Craig, Alaska (M_w 7.5) earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 5903-5919.	3.4	68
90	Software to Help Surveying Engineers Deal with the Coordinate Changes Due to Crustal Motion in Alaska. , 2013, , .		2

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91	Gravity and uplift rates observed in southeast Alaska and their comparison with GIA model predictions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	19
92	Seasonal and long-term vertical deformation in the Nepal Himalaya constrained by GPS and GRACE measurements. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	170
93	Seasonal hydrological loading in southern Alaska observed by GPS and GRACE. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	124
94	The effect of using inconsistent ocean tidal loading models on GPS coordinate solutions. <i>Journal of Geodesy</i> , 2012, 86, 409-421.	3.6	48
95	Rupture of deep faults in the 2008 Wenchuan earthquake and uplift of the Longmen Shan. <i>Nature Geoscience</i> , 2011, 4, 634-640.	12.9	219
96	The mechanism of postseismic deformation triggered by the 2006-2007 great Kuril earthquakes. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	24
97	The dynamics of a seismic wave field: Animation and analysis of kinematic GPS data recorded during the 2011 Tohoku-oki earthquake, Japan. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	43
98	A new mechanical model for Tibet. <i>Nature</i> , 2011, 472, 48-49.	27.8	7
99	Reevaluation of the viscoelastic and elastic responses to the past and present-day ice changes in Southeast Alaska. <i>Tectonophysics</i> , 2011, 511, 79-88.	2.2	24
100	Preface to the Special Issue on Geodynamic and Climate-Change Processes over Tibet, Xinjiang and Siberia. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2011, 22, 001.	0.6	0
101	Tectonic block motion and glacial isostatic adjustment in southeast Alaska and adjacent Canada constrained by GPS measurements. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	149
102	Gravity measurements in southeastern Alaska reveal negative gravity rate of change caused by glacial isostatic adjustment. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	8
103	Magma flux at Okmok Volcano, Alaska, from a joint inversion of continuous GPS, campaign GPS, and interferometric synthetic aperture radar. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	67
104	Changes in the magma system during the 2008 eruption of Okmok volcano, Alaska, based on GPS measurements. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	42
105	Seasonal Position Variations and Regional Reference Frame Realization. <i>International Association of Geodesy Symposia</i> , 2009, , 191-196.	0.4	33
106	The postseismic response to the 2002 <i>M</i> 7.9 Denali Fault earthquake: constraints from InSAR 2003-2005. <i>Geophysical Journal International</i> , 2009, 176, 353-367.	2.4	42
107	Coupled afterslip and viscoelastic flow following the 2002 Denali Fault, Alaska earthquake. <i>Geophysical Journal International</i> , 2009, 176, 670-682.	2.4	69
108	Eruption of Alaska Volcano Breaks Historic Pattern. <i>Eos</i> , 2009, 90, 173-174.	0.1	68

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109	Tracking magma volume recovery at Okmok volcano using GPS and an unscented Kalman filter. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	66
110	A viscoelastic and afterslip postseismic deformation model for the 1964 Alaska earthquake. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	185
111	Evidence for and implications of a Bering plate based on geodetic measurements from the Aleutians and western Alaska. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	61
112	Inflation detected at Mount Veniaminof, Alaska, with campaign GPS. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	10
113	Correction to "Evidence for and implications of a Bering Plate based on geodetic measurements from the Aleutians and western Alaska". <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	1
114	Crustal Deformation and Seismic History Associated with the 2004 Indian Ocean Earthquake: A Perspective from the Andaman-Nicobar Islands. <i>Bulletin of the Seismological Society of America</i> , 2007, 97, S174-S191.	2.3	79
115	DEM Control in Arctic Alaska With ICESat Laser Altimetry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 3710-3720.	6.3	25
116	Plate coupling variation and block translation in the Andreanof segment of the Aleutian arc determined by subduction zone modeling using GPS data. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	29
117	Transition from locked to creeping subduction in the Shumagin region, Alaska. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	75
118	Coseismic deformation of the 2002 Denali fault earthquake: Contributions from synthetic aperture radar range offsets. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	22
119	Coseismic deformation of the 2002 Denali Fault earthquake: Insights from GPS measurements. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	39
120	Implications of deformation following the 2002 Denali, Alaska, earthquake for postseismic relaxation processes and lithospheric rheology. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	157
121	Ground deformation associated with the precursory unrest and early phases of the January 2006 eruption of Augustine Volcano, Alaska. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	4.0	59
122	Well water level changes in Fairbanks, Alaska, due to the great Sumatra-Andaman earthquake. <i>Earth, Planets and Space</i> , 2006, 58, 181-184.	2.5	43
123	A large slow slip event and the depth of the seismogenic zone in the south central Alaska subduction zone. <i>Earth and Planetary Science Letters</i> , 2006, 247, 108-116.	4.4	145
124	Stress-dependent power-law flow in the upper mantle following the 2002 Denali, Alaska, earthquake. <i>Earth and Planetary Science Letters</i> , 2006, 252, 481-489.	4.4	99
125	GPS-derived strain in northwestern California: Termination of the San Andreas fault system and convergence of the Sierra Nevada "Great Valley block contribute to southern Cascadia forearc contraction. <i>Tectonophysics</i> , 2006, 413, 171-184.	2.2	41
126	Rapid viscoelastic uplift in southeast Alaska caused by post-Little Ice Age glacial retreat. <i>Earth and Planetary Science Letters</i> , 2005, 237, 548-560.	4.4	232

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127	Crustal Deformation in the Southcentral Alaska Subduction Zone. <i>Advances in Geophysics</i> , 2004, 47, 1-63.	2.8	32
128	Rapid uplift of southern Alaska caused by recent ice loss. <i>Geophysical Journal International</i> , 2004, 158, 1118-1133.	2.4	63
129	Surface deformation caused by shallow magmatic activity at Okmok volcano, Alaska, detected by GPS campaigns 2000-2002. <i>Earth, Planets and Space</i> , 2004, 56, 29-32.	2.5	32
130	A deforming block model for the present-day tectonics of Tibet. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	91
131	Spatially variable extension in southern Tibet based on GPS measurements. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	71
132	Examining tectonic-climatic interactions in Alaska and the northeastern Pacific. <i>Eos</i> , 2004, 85, 433.	0.1	8
133	Tide gauge records of uplift along the northern Pacific-North American plate boundary, 1937 to 2001. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	48
134	New constraints on the motion of the Fairweather fault, Alaska, from GPS observations. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	76
135	Volcanic and tectonic deformation on Unimak Island in the Aleutian Arc, Alaska. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	40
136	Coseismic slip distribution of the 2002 MW7.9 Denali fault earthquake, Alaska, determined from GPS measurements. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	52
137	The 2002 Denali Fault Earthquake, Alaska: A Large Magnitude, Slip-Partitioned Event. <i>Science</i> , 2003, 300, 1113-1118.	12.6	359
138	Deformation associated with the 1997 eruption of Okmok volcano, Alaska. <i>Journal of Geophysical Research</i> , 2002, 107, ETG 7-1-ETG 7-12.	3.3	49
139	Three-dimensional elastic dislocation modeling of the postseismic response to the 1964 Alaska earthquake. <i>Journal of Geophysical Research</i> , 2002, 107, ECV 1-1-ECV 1-11.	3.3	87
140	The 1964 great Alaska earthquake: present day and cumulative postseismic deformation in the western Kenai Peninsula. <i>Physics of the Earth and Planetary Interiors</i> , 2002, 132, 5-20.	1.9	31
141	Present-day crustal movement and tectonic deformation in China continent. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 865-874.	0.9	35
142	Wide plate margin deformation, southern Central America and northwestern South America, CASA GPS observations. <i>Journal of South American Earth Sciences</i> , 2002, 15, 157-171.	1.4	378
143	High interseismic coupling of the Alaska Subduction Zone SW of Kodiak Island inferred from GPS data. <i>Geophysical Research Letters</i> , 2001, 28, 443-446.	4.0	27
144	Crustal uplift in the south central Alaska subduction zone: New analysis and interpretation of tide gauge observations. <i>Journal of Geophysical Research</i> , 2001, 106, 11259-11270.	3.3	21

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145	Present-Day Crustal Deformation in China Constrained by Global Positioning System Measurements. <i>Science</i> , 2001, 294, 574-577.	12.6	990
146	Geodetic evidence for a low slip rate in the Altyn Tagh fault system. <i>Nature</i> , 2000, 404, 69-72.	27.8	227
147	Synthetic aperture radar interferometry of Okmok volcano, Alaska: Radar observations. <i>Journal of Geophysical Research</i> , 2000, 105, 10791-10806.	3.3	97
148	Aseismic inflation of Westdahl Volcano, Alaska, revealed by satellite radar interferometry. <i>Geophysical Research Letters</i> , 2000, 27, 1567-1570.	4.0	66
149	Spatial variations in present-day deformation, Kenai Peninsula, Alaska, and their implications. <i>Journal of Geophysical Research</i> , 2000, 105, 8079-8101.	3.3	97
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