

J T Freymueller

List of Publications by Year in descending order

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197
papers

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citations

34105

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213
docs citations

213
times ranked

5901
citing authors

#	ARTICLE	IF	CITATIONS
1	Present-Day Crustal Deformation in China Constrained by Global Positioning System Measurements. <i>Science</i> , 2001, 294, 574-577.	12.6	990
2	GPS measurements of present-day convergence across the Nepal Himalaya. <i>Nature</i> , 1997, 386, 61-64.	27.8	641
3	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
4	The 2002 Denali Fault Earthquake, Alaska: A Large Magnitude, Slip-Partitioned Event. <i>Science</i> , 2003, 300, 1113-1118.	12.6	359
5	Kinematics of the India-Eurasia collision zone from GPS measurements. <i>Journal of Geophysical Research</i> , 1999, 104, 1077-1093.	3.3	322
6	Global plate velocities from the Global Positioning System. <i>Journal of Geophysical Research</i> , 1997, 102, 9961-9981.	3.3	233
7	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
8	Geodetic evidence for a low slip rate in the Altyn Tagh fault system. <i>Nature</i> , 2000, 404, 69-72.	27.8	227
9	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
10	A viscoelastic and afterslip postseismic deformation model for the 1964 Alaska earthquake. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	185
11	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
12	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
13	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
14	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
15	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
16	Plate Motions in the north Andean region. <i>Journal of Geophysical Research</i> , 1993, 98, 21853-21863.	3.3	142
17	Seasonal hydrological loading in southern Alaska observed by GPS and GRACE. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	124
18	Measuring, modelling and projecting coastal land subsidence. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 40-58.	29.7	118

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19	Crustal Block Rotations and Plate Coupling. <i>Geodynamic Series</i> , 0, , 101-122.	0.1	110
20	Rapid Deformation of the South Flank of Kilauea Volcano, Hawaii. <i>Science</i> , 1995, 267, 1328-1332.	12.6	107
21	Stress-driven relaxation of heterogeneous upper mantle and time-dependent afterslip following the 2011 Tohoku earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 385-411.	3.4	103
22	Co-seismic displacements of the 1992 Landers earthquake sequence. <i>Bulletin of the Seismological Society of America</i> , 1994, 84, 625-645.	2.3	103
23	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
24	Kinematics of the Pacific-North America Plate Boundary Zone, northern California. <i>Journal of Geophysical Research</i> , 1999, 104, 7419-7441.	3.3	98
25	Synthetic aperture radar interferometry of Okmok volcano, Alaska: Radar observations. <i>Journal of Geophysical Research</i> , 2000, 105, 10791-10806.	3.3	97
26	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
27	A deforming block model for the present-day tectonics of Tibet. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	91
28	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
29	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
30	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
31	The co-seismic slip distribution of the Landers earthquake. <i>Bulletin of the Seismological Society of America</i> , 1994, 84, 646-659.	2.3	78
32	Crustal deformation in the northern Andes – A new GPS velocity field. <i>Journal of South American Earth Sciences</i> , 2019, 89, 76-91.	1.4	77
33	New constraints on the motion of the Fairweather fault, Alaska, from GPS observations. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	76
34	Transition from locked to creeping subduction in the Shumagin region, Alaska. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	75
35	Understanding of Contemporary Regional Sea-Level Change and the Implications for the Future. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000672.	23.0	74
36	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

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37	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
38	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
39	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
40	Coupled afterslip and viscoelastic flow following the 2002 Denali Fault, Alaska earthquake. <i>Geophysical Journal International</i> , 2009, 176, 670-682.	2.4	69
41	New GPS constraints on the motion of the Yakutat Block. <i>Geophysical Research Letters</i> , 1999, 26, 3029-3032.	4.0	68
42	Eruption of Alaska Volcano Breaks Historic Pattern. <i>Eos</i> , 2009, 90, 173-174.	0.1	68
43	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
44	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
45	Aseismic inflation of Westdahl Volcano, Alaska, revealed by satellite radar interferometry. <i>Geophysical Research Letters</i> , 2000, 27, 1567-1570.	4.0	66
46	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
47	Rapid uplift of southern Alaska caused by recent ice loss. <i>Geophysical Journal International</i> , 2004, 158, 1118-1133.	2.4	63
48	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
49	Deformation of New Trident Volcano measured by ERS-1 SAR interferometry, Katmai National Park, Alaska. <i>Geophysical Research Letters</i> , 1997, 24, 695-698.	4.0	62
50	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
51	Synthetic aperture radar interferometry coherence analysis over Katmai volcano group, Alaska. <i>Journal of Geophysical Research</i> , 1998, 103, 29887-29894.	3.3	59
52	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
53	Active Deformation Processes in Alaska, Based on 15 Years of GPS Measurements. <i>Geophysical Monograph Series</i> , 0, , 1-42.	0.1	57
54	Spatial Variation of Slip Behavior Beneath the Alaska Peninsula Along Alaska's Aleutian Subduction Zone. <i>Geophysical Research Letters</i> , 2018, 45, 3453-3460.	4.0	55

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55	Slow slip events and timeâ€dependent variations in locking beneath Lower Cook Inlet of the Alaskaâ€Aleutian subduction zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1060-1079.	3.4	54
56	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
57	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
58	Absence of strain accumulation in the Western Shumagin Segment of the Alaska Subduction Zone. <i>Geophysical Research Letters</i> , 1999, 26, 3233-3236.	4.0	51
59	Deformation associated with the 1997 eruption of Okmok volcano, Alaska. <i>Journal of Geophysical Research</i> , 2002, 107, ETC 7-1-ETC 7-12.	3.3	49
60	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
61	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
62	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
63	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
64	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
65	A Block Model of Presentâ€Day Kinematics of Alaska and Western Canada. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018378.	3.4	43
66	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
67	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
68	GPS-derived strain in northwestern California: Termination of the San Andreas fault system and convergence of the Sierra Nevadaâ€Great Valley block contribute to southern Cascadia forearc contraction. <i>Tectonophysics</i> , 2006, 413, 171-184.	2.2	41
69	Volcanic and tectonic deformation on Unimak Island in the Aleutian Arc, Alaska. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	40
70	Sensitivity of Coulomb stress change to the parameters of the Coulomb failure model: A case study using the 2008 <i>M</i> _w 7.9 Wenchuan earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3371-3392.	3.4	40
71	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
72	Complex Faulting and Triggered Rupture During the 2018 <i>M</i> _w 7.9 Offshore Kodiak, Alaska, Earthquake. <i>Geophysical Research Letters</i> , 2018, 45, 7533-7541.	4.0	39

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73	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
74	Global Positioning System measurements of Indian Plate Motion and convergence across the lesser Himalaya. <i>Geophysical Research Letters</i> , 1996, 23, 3107-3110.	4.0	35
75	Deformation of the Kenai Peninsula, Alaska. <i>Journal of Geophysical Research</i> , 1997, 102, 20479-20487.	3.3	35
76	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
77	Indentor–corner tectonics in the Yakutat–St. Elias collision constrained by GPS. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 3897-3908.	3.4	35
78	Spatio-temporal variations of afterslip and viscoelastic relaxation following the Mw 7.8 Gorkha (Nepal) earthquake. <i>Earth and Planetary Science Letters</i> , 2020, 532, 116031.	4.4	35
79	Satellite radar interferometry measures deformation at Okmok volcano. <i>Eos</i> , 1998, 79, 461-461.	0.1	34
80	Seasonal Position Variations and Regional Reference Frame Realization. <i>International Association of Geodesy Symposia</i> , 2009, , 191-196.	0.4	33
81	The Closed Upper-Mantle Circulation of Plate Tectonics. <i>Geodynamic Series</i> , 2013, , 359-410.	0.1	33
82	Crustal Deformation in the Southcentral Alaska Subduction Zone. <i>Advances in Geophysics</i> , 2004, 47, 1-63.	2.8	32
83	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
84	An Overview of the Neotectonics of Interior Alaska: Far-Field Deformation from the Yakutat Microplate Collision. <i>Geophysical Monograph Series</i> , 0, , 83-108.	0.1	32
85	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
86	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
87	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
88	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
89	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
90	Geodetic Observations of Time–Variable 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

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91	Tectonics, Dynamics, and Seismic Hazard in the Canada-Alaska Cordillera. Geophysical Monograph Series, 0, , 297-319.	0.1	28
92	High interseismic coupling of the Alaska Subduction Zone SW of Kodiak Island inferred from GPS data. Geophysical Research Letters, 2001, 28, 443-446.	4.0	27
93	Bouguer gravity anomaly and isostasy at western Sichuan Basin revealed by new gravity surveys. Journal of Geophysical Research: Solid Earth, 2014, 119, 3925-3938.	3.4	26
94	Seasonal Hydrological Loading in Southern Tibet Detected by Joint Analysis of GPS and GRACE. Sensors, 2015, 15, 30525-30538.	3.8	26
95	DEM Control in Arctic Alaska With ICESat Laser Altimetry. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 3710-3720.	6.3	25
96	Paleoseismicity and Neotectonics of the Aleutian Subduction Zone-An Overview. Geophysical Monograph Series, 0, , 43-63.	0.1	25
97	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
98	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
99	New Constraints on Slip Deficit on the Aleutian Megathrust and Inflation at Mt. Veniaminof, Alaska From Repeat GPS Measurements. Geophysical Research Letters, 2021, 48, e2020GL091787.	4.0	25
100	Cascading rupture of a megathrust. Science Advances, 2022, 8, eabm4131.	10.3	25
101	Relative motions of the Australian, Pacific and Antarctic Plates estimated by the Global Positioning System. Geophysical Research Letters, 1995, 22, 37-40.	4.0	24
102	The mechanism of postseismic deformation triggered by the 2006-2007 great Kuril earthquakes. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	24
103	Reevaluation of the viscoelastic and elastic responses to the past and present-day ice changes in Southeast Alaska. Tectonophysics, 2011, 511, 79-88.	2.2	24
104	A 15 year slow slip event on the Sunda megathrust offshore Sumatra. Geophysical Research Letters, 2015, 42, 6630-6638.	4.0	23
105	The deep Shumagin gap filled: Kinematic rupture model and slip budget analysis of the 2020 Mw 7.8 Simeonof earthquake constrained by GNSS, global seismic waveforms, and floating InSAR. Earth and Planetary Science Letters, 2021, 576, 117241.	4.4	23
106	Coseismic deformation of the 2002 Denali fault earthquake: Contributions from synthetic aperture radar range offsets. Journal of Geophysical Research, 2007, 112, .	3.3	22
107	Spatiotemporal variations of the slow slip event between 2008 and 2013 in the southcentral Alaska subduction zone. Geochemistry, Geophysics, Geosystems, 2015, 16, 2450-2461.	2.5	22
108	Crustal uplift in the south central Alaska subduction zone: New analysis and interpretation of tide gauge observations. Journal of Geophysical Research, 2001, 106, 11259-11270.	3.3	21

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109	Neotectonics of the Yakutat Collision: Changes in Deformation Driven by Mass Redistribution. Geophysical Monograph Series, 0, , 65-81.	0.1	21
110	Modeling 3D crustal velocities in the United States and Canada. Journal of Geophysical Research: Solid Earth, 2016, 121, 5365-5388.	3.4	20
111	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
112	Regional Global Navigation Satellite System Networks for Crustal Deformation Monitoring. Seismological Research Letters, 2019, 91, 552-572.	1.9	20
113	Gravity and uplift rates observed in southeast Alaska and their comparison with GIA model predictions. Journal of Geophysical Research, 2012, 117, .	3.3	19
114	Geological and Geophysical Evaluation of the Mechanisms of the Great 1899 Yakutat Bay Earthquakes. Geophysical Monograph Series, 0, , 215-236.	0.1	19
115	Hindcasting Magma Reservoir Stability Preceding the 2008 Eruption of Okmok, Alaska. Geophysical Research Letters, 2019, 46, 8801-8808.	4.0	19
116	Identifying Active Structures in the Kayak Island and Pamplona Zones: Implications for Offshore Tectonics of the Yakutat Microplate, Gulf of Alaska. Geophysical Monograph Series, 0, , 257-268.	0.1	18
117	Measurement and interpretation of subtle deformation signals at Unimak Island from 2003 to 2010 using weather model-assisted time series InSAR. Journal of Geophysical Research: Solid Earth, 2015, 120, 1175-1194.	3.4	18
118	Monitoring changes in seismic velocity related to an ongoing rapid inflation event at Okmok volcano, Alaska. Journal of Geophysical Research: Solid Earth, 2015, 120, 5664-5676.	3.4	17
119	Constraints on the Slip Distribution of the 1938 M _W 8.3 Alaska Peninsula Earthquake From Tsunami Modeling. Geophysical Research Letters, 2021, 48, e2021GL092812.	4.0	17
120	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
121	Precise measurements help gauge pacific northwest's earthquake potential. Eos, 1998, 79, 269-269.	0.1	15
122	Post-Eruptive Inflation of Okmok Volcano, Alaska, from InSAR, 2008-2014. Remote Sensing, 2015, 7, 16778-16794.	4.0	15
123	The effect of tracking network configuration on GPS baseline estimates for the CASA UNO Experiment. Geophysical Research Letters, 1990, 17, 647-650.	4.0	14
124	Neogene Exhumation of the Tordrillo Mountains, Alaska, and Correlations With Denali (Mount) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	0.1	14
125	Rapid Ice Mass Loss: Does It Have an Influence on Earthquake Occurrence in Southern Alaska?. Geophysical Monograph Series, 0, , 369-384.	0.1	14
126	Plate coupling and strain in the far western Aleutian arc modeled from GPS data. Geophysical Research Letters, 2017, 44, 3176-3183.	4.0	14

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127	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. <i>Tectonophysics</i> , 2017, 694, 249-267.	2.2	14
128	Episodic inflation and complex surface deformation of Akutan volcano, Alaska revealed from GPS time-series. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 347, 337-359.	2.1	14
129	Fault Geometry and Slip Distribution of the 2013 Mw 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
130	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
131	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
132	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
133	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
134	The extended tracking network and indications of baseline precision and accuracy in the north Andes. <i>Geophysical Research Letters</i> , 1990, 17, 207-210.	4.0	13
135	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
136	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
137	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
138	Orogenesis from Subducting Thick Crust and Evidence from Alaska. <i>Geophysical Monograph Series</i> , 0, , 337-349.	0.1	12
139	Evidence for Block Rotations and Basal Shear in the World's Fastest Slipping Continental Shear Zone in Nw New Guinea. <i>Geodynamic Series</i> , 0, , 87-99.	0.1	12
140	Rupture Along 400 km of the Bering Fracture Zone in the Komandorsky Islands Earthquake (M W 7.8) of 17 July 2017. <i>Geophysical Research Letters</i> , 2017, 44, 12,161.	4.0	12
141	Active Tectonics of Interior Alaska: Seismicity, Gps Geodesy, and Local Geomorphology. <i>Geophysical Monograph Series</i> , 0, , 109-133.	0.1	11
142	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
143	The 1 May 2017 British Columbia-Alaska Earthquake Doublet and Implication for Complexity Near Southern End of Denali Fault System. <i>Geophysical Research Letters</i> , 2018, 45, 5937-5947.	4.0	11
144	Geometry and treatment of fiducial networks: Effect on GPS baseline precision in South America. <i>Geophysical Research Letters</i> , 1988, 15, 1467-1469.	4.0	10

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145	First GPS baseline results from the north Andes. <i>Geophysical Research Letters</i> , 1990, 17, 211-214.	4.0	10
146	Inflation detected at Mount Veniaminof, Alaska, with campaign GPS. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	10
147	Contemporary Fault Mechanics in Southern Alaska. <i>Geophysical Monograph Series</i> , 0, , 321-336.	0.1	10
148	Crustal Shortening and Extension in the Central Andes: Insights from a Viscoelastic Model. <i>Geodynamic Series</i> , 2013, , 325-339.	0.1	10
149	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
150	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
151	Volcanic ash deposition, eelgrass beds, and inshore habitat loss from the 1920s to the 1990s at Chignik, Alaska. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 202, 69-86.	2.1	10
152	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
153	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
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