Goran Ekstrom

List of Publications by Citations

241 papers	13,784 citations	61 h-index	107 g-index
248 ext. papers	15,175 ext. citations	4.2 avg, IF	6.7 L-index

#	Paper	IF	Citations
241	The global CMT project 2004–2010: Centroid-moment tensors for 13,017 earthquakes. *Physics of the Earth and Planetary Interiors*, **2012**, 200-201, 1-9	2.3	1397
240	The great Sumatra-Andaman earthquake of 26 December 2004. *Science*, **2005**, 308, 1127-33	33.3	781
239	Anisotropic shear-wave velocity structure of the Earth's mantle: A global model. *Journal of Geophysical Research*, **2008**, 113,		375
238	The unique anisotropy of the Pacific upper mantle. *Nature*, **1998**, 394, 168-172	50.4	350
237	The Italian CMT dataset from 1977 to the present. *Physics of the Earth and Planetary Interiors*, **2006**, 159, 286-303	2.3	315
236	Measurements and global models of surface wave propagation. *Journal of Geophysical Research*, **1997**, 102, 8137-8157		311
235	Evidence of bias in estimations of earthquake size. *Nature*, **1988**, 332, 319-323	50.4	216
234	European-Mediterranean regional centroid-moment tensors: 1997–2000. *Physics of the Earth and Planetary Interiors*, **2002**, 130, 71-101	2.3	177
233	Simple scaling of catastrophic landslide dynamics. *Science*, **2013**, 339, 1416-9	33.3	169
232	Glacial earthquakes. *Science*, **2003**, 302, 622-4	33.3	169
231	Global seismicity of 2003: centroid–moment-tensor solutions for 1087 earthquakes. *Physics of the Earth and Planetary Interiors*, **2005**, 148, 327-351	2.3	165
230	Models of the mantle shear velocity and discontinuities in the pattern of lateral heterogeneities. *Journal of Geophysical Research*, **2001**, 106, 11169-11199		161
229	A Common Origin for Aftershocks, Foreshocks, and Multiplets. *Bulletin of the Seismological Society of America*, **2004**, 94, 88-98	2.3	156
228	Seismic strain rates in regions of distributed continental deformation. *Journal of Geophysical Research*, **1989**, 94, 10231-10257		156
227	Earthquake slip on oceanic transform faults. *Nature*, **2001**, 410, 74-7	50.4	152
226	A global model of Love and Rayleigh surface wave dispersion and anisotropy, 25-250 s. *Geophysical Journal International*, **2011**, 187, 1668-1686	2.6	147
225	Determination of surface-wave phase velocities across USArray from noise and Aki's spectral formulation. *Geophysical Research Letters*, **2009**, 36,	4.9	140

224	Earthquake source parameters and stress distribution in the Adak Island region of the central Aleutian Islands, Alaska. *Journal of Geophysical Research*, **1989**, 94, 15499-15519		139
223	Triggering of the 1999 MW 7.1 Hector Mine earthquake by aftershocks of the 1992 MW 7.3 Landers earthquake. *Journal of Geophysical Research*, **2002**, 107, ESE 6-1-ESE 6-13		133
222	Ice-front variation and tidewater behavior on Helheim and Kangerdlugssuaq Glaciers, Greenland. *Journal of Geophysical Research*, **2008**, 113,		132
221	Multiple CMT source analysis of the 2004 Sumatra earthquake. *Geophysical Research Letters*, **2005**, 32,	4.9	126
220	Comparison of azimuthal seismic anisotropy from surface waves and finite strain from global mantle-circulation models. *Geophysical Journal International*, **2003**, 155, 696-714	2.6	124
219	The 1994 Java tsunami earthquake: Slip over a subducting seamount. *Journal of Geophysical Research*, **2001**, 106, 6595-6607		124
218	Global seismicity of 1977: centroid-moment tensor solutions for 471 earthquakes. *Physics of the Earth and Planetary Interiors*, **1987**, 45, 11-36	2.3	122
217	Seasonality and increasing frequency of Greenland glacial earthquakes. *Science*, **2006**, 311, 1756-8	33.3	118
216	Moment tensor analysis of the Central Italy Earthquake Sequence of September–October 1997. *Geophysical Research Letters*, **1998**, 25, 1971-1974	4.9	108
215	An anisotropic shear velocity model of the Earth's mantle using normal modes, body waves, surface waves and long-period waveforms. *Geophysical Journal International*, **2014**, 199, 1713-1738	2.6	107
214	Plume-driven plumbing and crustal formation in Iceland. *Journal of Geophysical Research*, **2002**, 107, ESE 4-1		102
213	The global attenuation structure of the upper mantle. *Journal of Geophysical Research*, **2008**, 113,		100
212	New images of the Earth's upper mantle from measurements of surface wave phase velocity anomalies. *Journal of Geophysical Research*, **2002**, 107, ESE 1-1-ESE 1-14		95
211	Ambient Earth noise: A survey of the Global Seismographic Network. *Journal of Geophysical Research*, **2004**, 109,		94
210	Simultaneous inversion for mantle shear velocity and topography of transition zone discontinuities. *Geophysical Journal International*, **2003**, 154, 559-583	2.6	94
209	Radial seismic anisotropy as a constraint for upper mantle rheology. *Earth and Planetary Science Letters*, **2008**, 267, 213-227	5.3	92
208	Seismicity and geometry of a 110-km-long blind thrust fault 1. The 1985 Kettleman Hills, California, earthquake. *Journal of Geophysical Research*, **1992**, 97, 4843		89
207	Centroid-moment tensor solutions for January–March 1986. *Physics of the Earth and Planetary Interiors*, **1987**, 45, 1-10	2.3	85

206	European‐Mediterranean Regional Centroid Moment Tensor catalog: Solutions for 2005‐2008. *Physics of the Earth and Planetary Interiors*, **2011**, 185, 74-81	2.3	83
205	A global study of Pn anisotropy beneath continents. *Journal of Geophysical Research*, **1999**, 104, 963-980		83
204	Time domain analysis of Earth's long-period background seismic radiation. *Journal of Geophysical Research*, **2001**, 106, 26483-26493		81
203	Seismicity and geometry of a 110-km-long blind thrust fault 2. Synthesis of the 1982‐1985 California Earthquake Sequence. *Journal of Geophysical Research*, **1992**, 97, 4865		81
202	Step-wise changes in glacier flow speed coincide with calving and glacial earthquakes at Helheim Glacier, Greenland. *Geophysical Research Letters*, **2008**, 35,	4.9	79
201	A very broad band inversion method for the recovery of earthquake source parameters. *Tectonophysics*, **1989**, 166, 73-100	3.1	78
200	Global seismicity of 1978: centroid-moment tensor solutions for 512 earthquakes. *Physics of the Earth and Planetary Interiors*, **1987**, 46, 316-342	2.3	77
199	J362D28: a new joint model of compressional and shear velocity in the Earth's mantle. *Geophysical Journal International*, **2003**, 153, 443-466	2.6	76
198	European-Mediterranean regional centroid-moment tensor catalog: solutions for years 2001 and 2002. *Physics of the Earth and Planetary Interiors*, **2004**, 145, 127-147	2.3	75
197	Glacial Earthquakes in Greenland and Antarctica. *Annual Review of Earth and Planetary Sciences*, **2010**, 38, 467-491	15.3	74
196	Centroid-moment tensor solutions for July‐September 1991. *Physics of the Earth and Planetary Interiors*, **1992**, 72, 1-11	2.3	74
195	Global Detection and Location of Seismic Sources by Using Surface Waves. *Bulletin of the Seismological Society of America*, **2006**, 96, 1201-1212	2.3	72
194	Global seismicity of 1980: centroid-moment tensor solutions for 515 earthquakes. *Physics of the Earth and Planetary Interiors*, **1988**, 50, 127-154	2.3	70
193	Global seismological shear velocity and attenuation: A comparison with experimental observations. *Earth and Planetary Science Letters*, **2009**, 284, 65-75	5.3	69
192	Global models of surface wave attenuation. *Journal of Geophysical Research*, **2006**, 111, n/a-n/a		69
191	Spatial and temporal melt variability at Helheim Glacier, East Greenland, and its effect on ice dynamics. *Journal of Geophysical Research*, **2010**, 115,		65
190	Faulting mechanism of anomalous earthquakes near Bárdarbunga Volcano, Iceland. *Journal of Geophysical Research*, **1998**, 103, 17973-17983		65
189	The June 2000 Mw 7.9 earthquakes south of Sumatra: Deformation in the India‐Australia Plate. *Journal of Geophysical Research*, **2003**, 108, ESE 6-1-ESE 6-16		64

188	Preferential detection of the Lehmann discontinuity beneath continents. *Geophysical Research Letters*, **2001**, 28, 4655-4658	4.9	64
187	Global seismicity of 1979: centroid-moment tensor solutions for 524 earthquakes. *Physics of the Earth and Planetary Interiors*, **1987**, 48, 18-46	2.3	64
186	Effects of three-dimensional Earth structure on CMT earthquake parameters. *Physics of the Earth and Planetary Interiors*, **2010**, 179, 178-190	2.3	63
185	Centroid-moment tensor solutions for April June 1990. *Physics of the Earth and Planetary Interiors*, **1991**, 66, 133-143	2.3	63
184	Centroid-moment tensor solutions for April–June 1986. *Physics of the Earth and Planetary Interiors*, **1987**, 45, 229-239	2.3	63
183	Love and Rayleigh phase-velocity maps, 5–40 s, of the western and central USA from USArray data. *Earth and Planetary Science Letters*, **2014**, 402, 42-49	5.3	62
182	Seismic moment tensors of the April 2009, L'Aquila (Central Italy), earthquake sequence. *Geophysical Journal International*, **2010**, 180, 238-242	2.6	62
181	The July 2007 rock and ice avalanches at Mount Steele, St. Elias Mountains, Yukon, Canada. *Landslides*, **2008**, 5, 445-455	6.6	62
180	Dynamics of the Bingham Canyon Mine landslides from seismic signal analysis. *Geophysical Research Letters*, **2014**, 41, 4535-4541	4.9	61
179	Analysis of glacial earthquakes. *Journal of Geophysical Research*, **2007**, 112,		60
178	Anomalous earthquakes on volcano ring-fault structures. *Earth and Planetary Science Letters*, **1994**, 128, 707-712	5.3	60
177	Seismotectonics of the Cyprian Arc. *Geophysical Journal International*, **2006**, 164, 176-181	2.6	59
176	The 1993 Killari earthquake in central India: A new fault in Mesozoic basalt flows?. *Journal of Geophysical Research*, **1996**, 101, 8543-8560		57
175	Global CMT analysis of moderate earthquakes, Mw ? 4.5, using intermediate-period surface waves. *Bulletin of the Seismological Society of America*, **1998**, 88, 1003-1013	2.3	57
174	The relationships between large-scale variations in shear velocity, density, and compressional velocity in the Earth's mantle. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 2737-2771	3.6	57
173	Measurements of Seismometer Orientation at USArray Transportable Array and Backbone Stations. *Seismological Research Letters*, **2008**, 79, 554-561	3	56
172	Global seismicity of 1981: centroid-moment tensor solutions for 542 earthquakes. *Physics of the Earth and Planetary Interiors*, **1988**, 50, 155-182	2.3	56
171	The shear-wave velocity structure in the upper mantle beneath Eurasia. *Geophysical Journal International*, **2008**, 174, 978-992	2.6	54

170	Secondary Aftershocks and Their Importance for Aftershock Forecasting. *Bulletin of the Seismological Society of America*, **2003**, 93, 1433-1448	2.3	53
169	Centroid-moment tensor solutions for JulySeptember 1986. *Physics of the Earth and Planetary Interiors*, **1987**, 46, 305-315	2.3	53
168	Centroid-moment tensor solutions for JanuaryMarch 1987. *Physics of the Earth and Planetary Interiors*, **1988**, 50, 116-126	2.3	53
167	The 2015 landslide and tsunami in Taan Fiord, Alaska. *Scientific Reports*, **2018**, 8, 12993	4.9	52
166	Centroid-moment-tensor analysis of the 2011 off the Pacific coast of Tohoku Earthquake and its larger foreshocks and aftershocks. *Earth, Planets and Space*, **2011**, 63, 519-523	2.9	51
165	Seismic radiation by magma injection: An anomalous seismic event near Tori Shima, Japan. *Journal of Geophysical Research*, **1993**, 98, 6511-6522		51
164	Multiple resolution surface wave tomography: the Mediterranean basin. *Geophysical Journal International*, **2004**, 157, 293-304	2.6	50
163	A constraint on the shear stress at the Pacific-Australian plate boundary from heat flow and seismicity at the Kermadec forearc. *Journal of Geophysical Research*, **2001**, 106, 6817-6833		50
162	Static stress changes and fault interaction during the 1997 Umbria-Marche earthquake sequence. *Journal of Seismology*, **2000**, 4, 501-516	1.5	49
161	Empirical Measurements of Tectonic Moment Release In Nuclear Explosions From Teleseismic Surface Waves and Body Waves. *Geophysical Journal International*, **1994**, 117, 120-140	2.6	49
160	Accuracy of high-rate GPS for seismology. *Geophysical Research Letters*, **2006**, 33,	4.9	48
159	The 14 November 2001 Kokoxili (Kunlunshan), Tibet, Earthquake: Rupture Transfer through a Large Extensional Step-Over. *Bulletin of the Seismological Society of America*, **2004**, 94, 1173-1194	2.3	47
158	Centroid-moment tensor solutions for 35 earthquakes in Western North America (1977-1983). *Bulletin of the Seismological Society of America*, **1985**, 75, 23-39	2.3	46
157	Deep structure and seismic anisotropy beneath the East Pacific Rise. *Earth and Planetary Science Letters*, **2005**, 232, 259-272	5.3	45
156	Global seismicity of 1982 and 1983: additional centroid-moment tensor solutions for 553 earthquakes. *Physics of the Earth and Planetary Interiors*, **1988**, 53, 17-45	2.3	45
155	Effects of slight anisotropy on surface waves. *Geophysical Journal International*, **1998**, 132, 654-666	2.6	44
154	Seismotectonic re-evaluation of the 1976 Friuli, Italy, seismic sequence. *Journal of Seismology*, **2001** , 5, 73-83	1.5	44
153	Centroid-moment tensor solutions for OctoberDecember 1988. *Physics of the Earth and Planetary Interiors*, **1989**, 57, 179-191	2.3	44

152	Centroid-moment tensor solutions for April–June 1989. *Physics of the Earth and Planetary Interiors*, **1990**, 60, 243-253	2.3	44
151	Active Deformation Processes in Alaska, Based on 15 Years of GPS Measurements. *Geophysical Monograph Series*, **2013**, 1-42	1.1	42
150	On measuring surface wave phase velocity from station–station cross-correlation of ambient signal. *Geophysical Journal International*, **2013**, 192, 346-358	2.6	42
149	Centroid-moment tensor solutions for January–March 1988. *Physics of the Earth and Planetary Interiors*, **1989**, 54, 22-32	2.3	42
148	The European Upper Mantle as Seen by Surface Waves. *Surveys in Geophysics*, **2009**, 30, 463-501	7.6	41
147	Centroid-moment tensor solutions for January–March 1994. *Physics of the Earth and Planetary Interiors*, **1994**, 86, 253-261	2.3	41
146	Centroid-moment tensor solutions for April–June 1987. *Physics of the Earth and Planetary Interiors*, **1988**, 50, 215-225	2.3	41
145	Physical mechanisms for vertical-CLVD earthquakes at active volcanoes. *Journal of Geophysical Research: Solid Earth*, **2013**, 118, 1569-1586	3.6	40
144	European–Mediterranean Regional Centroid Moment Tensor catalog: Solutions for years 2003 and 2004. *Physics of the Earth and Planetary Interiors*, **2007**, 164, 90-112	2.3	40
143	Centroid-moment tensor solutions for October–December 1989. *Physics of the Earth and Planetary Interiors*, **1990**, 62, 194-207	2.3	40
142	Single station CMT; Application to the Michoacan, Mexico, Earthquake of September 19, 1985. *Geophysical Research Letters*, **1986**, 13, 173-176	4.9	40
141	Centroid-moment tensor solutions for October–December 1987. *Physics of the Earth and Planetary Interiors*, **1989**, 54, 10-21	2.3	39
140	Centroid-moment tensor solutions for July–September 1987. *Physics of the Earth and Planetary Interiors*, **1988**, 53, 1-11	2.3	38
139	Dynamics of the Oso-Steelhead landslide from broadband seismic analysis. *Natural Hazards and Earth System Sciences*, **2015**, 15, 1265-1273	3.9	37
138	Calibration of the HGLP seismograph network and centroid-moment tensor analysis of significant earthquakes of 1976. *Physics of the Earth and Planetary Interiors*, **1997**, 101, 219-243	2.3	36
137	Centroid-moment tensor solutions for April–June 1988. *Physics of the Earth and Planetary Interiors*, **1989**, 54, 199-209	2.3	36
136	Centroid-moment tensor solutions for October–December 1986. *Physics of the Earth and Planetary Interiors*, **1987**, 48, 5-17	2.3	36
135	Surface wave phase velocities of the Western United States from a two-station method. *Geophysical Journal International*, **2014**, 196, 1189-1206	2.6	35

134	Nonlinear Crustal Corrections for Normal-Mode Seismograms. *Bulletin of the Seismological Society of America*, **2007**, 97, 1756-1762	2.3	35
133	A reassessment of the rupture characteristics of oceanic transform earthquakes. *Journal of Geophysical Research*, **2003**, 108,		35
132	Global Models of Surface Wave Group Velocity **2001**, 158, 1377-1399		35
131	Joint inversion of normal mode and body wave data for inner core anisotropy 1. Laterally homogeneous anisotropy. *Journal of Geophysical Research*, **2002**, 107, ESE 20-1-ESE 20-16		35
130	Centroid-moment tensor solutions for JulySeptember 1995. *Physics of the Earth and Planetary Interiors*, **1996**, 97, 3-13	2.3	35
129	Centroid-moment tensor solutions for JulySeptember 1988. *Physics of the Earth and Planetary Interiors*, **1989**, 56, 165-180	2.3	35
128	Global observation of vertical-CLVD earthquakes at active volcanoes. *Journal of Geophysical Research: Solid Earth*, **2013**, 118, 138-164	3.6	34
127	Interpretation of earthquake epicenter and CMT centroid locations, in terms of rupture length and direction. *Physics of the Earth and Planetary Interiors*, **1997**, 102, 123-132	2.3	34
126	Observations of Time-dependent Errors in Long-period Instrument Gain at Global Seismic Stations. *Seismological Research Letters*, **2006**, 77, 12-22	3	34
125	Centroid-moment tensor solutions for OctoberDecember 1994. *Physics of the Earth and Planetary Interiors*, **1995**, 91, 187-201	2.3	34
124	The 23 May 1989 MacQuarie Ridge Earthquake: A very broad band analysis. *Geophysical Research Letters*, **1990**, 17, 993-996	4.9	34
123	Anomalous earthquakes associated with Nyiragongo Volcano: Observations and potential mechanisms. *Journal of Volcanology and Geothermal Research*, **2009**, 181, 219-230	2.8	33
122	Centroid-moment tensor solutions for OctoberDecember 1995. *Physics of the Earth and Planetary Interiors*, **1997**, 101, 1-12	2.3	33
121	Centroid-moment tensor solutions for AprilJune 1994. *Physics of the Earth and Planetary Interiors*, **1995**, 88, 69-78	2.3	33
120	Centroid-moment tensor solutions for JanuaryMarch 1989. *Physics of the Earth and Planetary Interiors*, **1990**, 59, 233-242	2.3	33
119	Centroid-moment tensor solutions for JulySeptember, 1990. *Physics of the Earth and Planetary Interiors*, **1991**, 67, 211-220	2.3	33
118	Centroid-moment tensor solutions for JanuaryMarch, 1990. *Physics of the Earth and Planetary Interiors*, **1991**, 65, 197-206	2.3	33
117	The relationship between bulk-mass momentum and short-period seismic radiation in catastrophic landslides. *Journal of Geophysical Research F: Earth Surface*, **2017**, 122, 1201-1215	3.8	32

116	Sudden increase in tidal response linked to calving and acceleration at a large Greenland outlet glacier. *Geophysical Research Letters*, **2010**, 37, n/a-n/a	4.9	32
115	Rupture characteristics of the 2003 Mw 7.6 mid-Indian Ocean earthquake: Implications for seismic properties of young oceanic lithosphere. *Journal of Geophysical Research*, **2006**, 111,		32
114	Global Event Location with Full and Sparse Data Sets Using Three-dimensional Models of Mantle P-wave Velocity **2001**, 158, 291-317		32
113	Centroid-moment tensor solutions for April–June 1991. *Physics of the Earth and Planetary Interiors*, **1992**, 71, 6-14	2.3	32
112	Characteristics of deep (>13 km) Hawaiian earthquakes and Hawaiian earthquakes west of 155.55°W. *Geochemistry, Geophysics, Geosystems*, **2004**, 5, n/a-n/a	3.6	31
111	Short-period surface-wave phase velocities across the conterminous United States. *Physics of the Earth and Planetary Interiors*, **2017**, 270, 168-175	2.3	30
110	Shallow structure of the Cascadia subduction zone beneath western Washington from spectral ambient noise correlation. *Journal of Geophysical Research*, **2011**, 116,		30
109	Joint inversion of normal mode and body wave data for inner core anisotropy 2. Possible complexities. *Journal of Geophysical Research*, **2002**, 107, ESE 21-1-ESE 21-17		30
108	Centroid-moment tensor solutions for October–December 1992. *Physics of the Earth and Planetary Interiors*, **1993**, 80, 89-103	2.3	30
107	Centroid-moment tensor solutions for January–March 1992. *Physics of the Earth and Planetary Interiors*, **1993**, 77, 143-150	2.3	30
106	Centroid-moment tensor solutions for October–December 1990. *Physics of the Earth and Planetary Interiors*, **1991**, 68, 201-214	2.3	30
105	Improving teleseismic event locations using a three-dimensional Earth model. *Bulletin of the Seismological Society of America*, **1996**, 86, 788-796	2.3	30
104	Rapid postseismic relaxation after the great 2006–2007 Kuril earthquakes from GPS observations in 2007–2011. *Journal of Geophysical Research: Solid Earth*, **2013**, 118, 3691-3706	3.6	29
103	Automated multimode phase speed measurements for high-resolution regional-scale tomography: application to North America. *Geophysical Journal International*, **2010**, 183, 1538-1558	2.6	29
102	A continent-wide map of 1-Hz Lg coda Q variation across Eurasia and its relation to lithospheric evolution. *Journal of Geophysical Research*, **2008**, 113,		29
101	Centroid-moment tensor solutions for April–June 1992. *Physics of the Earth and Planetary Interiors*, **1993**, 77, 151-163	2.3	29
100	Centroid-moment tensor solutions for July–September 1992. *Physics of the Earth and Planetary Interiors*, **1993**, 79, 287-297	2.3	29
99	A very broad band analysis of the Michoacan, Mexico, Earthquake of September 19, 1985. *Geophysical Research Letters*, **1986**, 13, 605-608	4.9	29

98	Investigating discrepancies among measurements of traveling and standing wave attenuation. *Journal of Geophysical Research*, **1997**, 102, 24529-24544		28
97	Centroid-moment tensor solutions for July–September 1993. *Physics of the Earth and Planetary Interiors*, **1994**, 83, 165-174	2.3	28
96	Centroid-moment tensor solutions for July–September 1989. *Physics of the Earth and Planetary Interiors*, **1990**, 62, 185-193	2.3	28
95	Source parameters of the 2008 Bukavu-Cyangugu earthquake estimated from InSAR and teleseismic data. *Geophysical Journal International*, **2011**, 184, 934-948	2.6	27
94	Source properties of the 1997–98 Central Italy earthquake sequence from inversion of long-period and broad-band seismograms. *Journal of Seismology*, **2000**, 4, 365-375	1.5	27
93	Centroid-moment tensor solutions for October–December 1991. *Physics of the Earth and Planetary Interiors*, **1992**, 74, 89-100	2.3	27
92	Earthquakes along Eltanin transform system, SE Pacific Ocean: fault segments characterized by strong and poor seismic coupling and implications for long-term earthquake prediction. *Geophysical Journal International*, **2012**, 188, 421-434	2.6	26
91	Centroid moment tensor solutions for deep earthquakes predating the digital era: the World-Wide Standardized Seismograph Network dataset (1962–1976). *Physics of the Earth and Planetary Interiors*, **1997**, 99, 121-129	2.3	26
90	Long-Period Source Characteristics of the 1975 Kalapana, Hawaii, Earthquake. *Bulletin of the Seismological Society of America*, **2004**, 94, 422-429	2.3	26
89	Length scales, patterns and origin of azimuthal seismic anisotropy in the upper mantle as mapped by Rayleigh waves. *Geophysical Journal International*, **2007**, 171, 451-462	2.6	25
88	Centroid–moment tensor solutions for October–December, 1999. *Physics of the Earth and Planetary Interiors*, **2000**, 121, 205-221	2.3	24
87	Global and regional surface-wave inversions: A spherical-spline parameterization. *Geophysical Research Letters*, **1998**, 25, 207-210	4.9	24
86	Constraints on global maps of phase velocity from surface-wave amplitudes. *Geophysical Journal International*, **2006**, 167, 820-826	2.6	23
85	Determining surface wave arrival angle anomalies. *Journal of Geophysical Research*, **2002**, 107, ESE 7-1		23
84	The 2016 Lamplugh rock avalanche, Alaska: deposit structures and emplacement dynamics. *Landslides*, **2019**, 16, 2301-2319	6.6	22
83	Comparison of seismic and hydrodynamic yield determinations for the Soviet joint verification experiment of 1988. *Proceedings of the National Academy of Sciences of the United States of America* , **1989**, 86, 3456-60	11.5	22
82	The persistent signature of tropical cyclones in ambient seismic noise. *Earth and Planetary Science Letters*, **2018**, 484, 287-294	5.3	21
81	Evidences of Surface Rupture Associated With a Low-Magnitude (Mw5.0) Shallow Earthquake in the Ecuadorian Andes. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 8446-8458	3.6	21

80	Global seismicity of 2001: centroid-moment tensor solutions for 961 earthquakes. *Physics of the Earth and Planetary Interiors*, **2003**, 136, 165-185	2.3	21
79	Evidence of bulk attenuation in the asthenosphere from recordings of the Bolivia Earthquake. *Geophysical Research Letters*, **1995**, 22, 2309-2312	4.9	21
78	Centroid-moment tensor solutions for JanuaryMarch 1995. *Physics of the Earth and Planetary Interiors*, **1996**, 93, 147-157	2.3	21
77	Centroid-moment tensor solutions for JanuaryMarch 1991. *Physics of the Earth and Planetary Interiors*, **1992**, 70, 7-15	2.3	20
76	Local amplification of Rayleigh waves in the continental United States observed on the USArray. *Earth and Planetary Science Letters*, **2014**, 402, 50-57	5.3	19
75	Centroid-moment tensor solutions for JulySeptember 1994. *Physics of the Earth and Planetary Interiors*, **1995**, 90, 1-11	2.3	19
74	Centroid-moment tensor solutions for JanuaryMarch 1993. *Physics of the Earth and Planetary Interiors*, **1994**, 82, 9-17	2.3	18
73	Centroid-moment tensor solutions for OctoberDecember 1993. *Physics of the Earth and Planetary Interiors*, **1994**, 85, 215-225	2.3	18
72	Broad-band seismic analysis and modeling of the 2015 Taan Fjord, Alaska landslide using Instaseis. *Geophysical Journal International*, **2018**, 213, 1912-1923	2.6	17
71	Overtone Interference in Array-Based Love-Wave Phase Measurements. *Bulletin of the Seismological Society of America*, **2014**, 104, 2266-2277	2.3	17
70	Centroid-moment tensor solutions for JanuaryMarch 1996. *Physics of the Earth and Planetary Interiors*, **1997**, 102, 1-9	2.3	17
69	A new finite-frequency shear-velocity model of the European-Mediterranean region. *Geophysical Research Letters*, **2008**, 35,	4.9	17
68	Validation of Regional and Teleseismic Travel-Time Models by Relocating Ground-Truth Events. *Bulletin of the Seismological Society of America*, **2004**, 94, 897-919	2.3	17
67	Performance Review of the Global Seismographic Network for the Sumatra-Andaman Megathrust Earthquake. *Seismological Research Letters*, **2005**, 76, 331-343	3	17
66	Centroid-moment tensor solutions for JulySeptember 1999. *Physics of the Earth and Planetary Interiors*, **2000**, 119, 311-319	2.3	17
65	Centroid-moment tensor solutions for JulySeptember, 1998. *Physics of the Earth and Planetary Interiors*, **1999**, 114, 99-107	2.3	17
64	Centroid-moment tensor solutions for AprilJune 1993. *Physics of the Earth and Planetary Interiors*, **1994**, 83, 1-11	2.3	17
63	Arrival-angle anomalies across the USArray Transportable Array. *Earth and Planetary Science Letters* , **2014**, 402, 58-68	5.3	16

62	Centroid-moment tensor solutions for April–June 2000. *Physics of the Earth and Planetary Interiors*, **2001**, 123, 1-14	2.3	16
61	Plate tectonic framework for the October 9, 1996, Cyprus Earthquake. *Geophysical Research Letters*, **1998**, 25, 2241-2244	4.9	16
60	Centroid-moment tensor solutions for October–December, 1998. *Physics of the Earth and Planetary Interiors*, **1999**, 115, 1-16	2.3	16
59	Centroid-moment tensor solutions for April–June 1995. *Physics of the Earth and Planetary Interiors*, **1996**, 96, 1-13	2.3	16
58	Centroid-moment tensor solutions for the 51 IASPEI selected earthquakes, 1980–1984. *Physics of the Earth and Planetary Interiors*, **1987**, 47, 62-66	2.3	16
57	A comparison of approaches to the prediction of surface wave amplitude. *Geophysical Journal International*, **2014**, 196, 386-404	2.6	15
56	A new analysis of the great 1970 Colombia earthquake and its isotropic component. *Journal of Geophysical Research*, **1997**, 102, 20423-20434		15
55	Centroid-moment tensor solutions for April–June, 1996. *Physics of the Earth and Planetary Interiors*, **1997**, 102, 11-20	2.3	15
54	Centroid-moment tensor solutions for October–December, 1996. *Physics of the Earth and Planetary Interiors*, **1998**, 105, 95-108	2.3	15
53	Centroid moment tensor solutions for intermediate-depth earthquakes of the WWSSN–HGLP era (1962–1975). *Physics of the Earth and Planetary Interiors*, **2001**, 124, 1-7	2.3	15
52	Centroid-moment tensor solutions for April–June, 1998. *Physics of the Earth and Planetary Interiors*, **1999**, 112, 11-19	2.3	15
51	Application of the CMT algorithm to analog recordings of deep earthquakes. *Physics of the Earth and Planetary Interiors*, **1994**, 83, 283-297	2.3	15
50	Rupture depths and source processes of the 1997-1998 earthquake sequence in central Italy. *Bulletin of the Seismological Society of America*, **1999**, 89, 305-310	2.3	15
49	Collection of a Reference Event Set for Regional and Teleseismic Location Calibration. *Bulletin of the Seismological Society of America*, **2004**, 94, 1528-1545	2.3	14
48	Centroid–moment tensor solutions for July–September 2000. *Physics of the Earth and Planetary Interiors*, **2001**, 124, 9-23	2.3	14
47	Rapid Earthquake Analysis Utilizes The Internet. *Computers in Physics*, **1994**, 8, 632		14
46	Faulting processes during early-stage rifting: seismic and geodetic analysis of the 2009–2010 Northern Malawi earthquake sequence. *Geophysical Journal International*, **2019**, 217, 1767-1782	2.6	13
45	Centroid-moment tensor solutions for January–March 1997. *Physics of the Earth and Planetary Interiors*, **1998**, 106, 171-179	2.3	13

44	Europe-Mediterranean tomography: High correlation between new seismic data and independent geophysical observables. *Geophysical Research Letters*, **2008**, 35,	4.9	13
43	Mapping the Lithosphere and Asthenosphere With Surface Waves: Lateral Structure and Anisotropy. *Geophysical Monograph Series*, **2000**, 239-255	1.1	13
42	Centroid-moment tensor solutions for January–March 1999. *Physics of the Earth and Planetary Interiors*, **2000**, 118, 1-11	2.3	13
41	Centroid-moment tensor solutions for October–December 2000. *Physics of the Earth and Planetary Interiors*, **2003**, 136, 145-163	2.3	12
40	Calculation of static deformation following the Bolivia Earthquake by summation of Earth's normal modes. *Geophysical Research Letters*, **1995**, 22, 2289-2292	4.9	12
39	Plate coupling and strain in the far western Aleutian arc modeled from GPS data. *Geophysical Research Letters*, **2017**, 44, 3176-3183	4.9	11
38	Centroid-moment tensor solutions for October–December, 1997. *Physics of the Earth and Planetary Interiors*, **1998**, 109, 93-105	2.3	11
37	Rapid Ice Mass Loss: Does It Have an Influence on Earthquake Occurrence in Southern Alaska?. *Geophysical Monograph Series*, **2013**, 369-384	1.1	10
36	Centroid moment tensor solutions for deep earthquakes predating the digital era: The historical dataset (1907–1961). *Physics of the Earth and Planetary Interiors*, **1998**, 106, 181-190	2.3	10
35	Observations of Seismometer Calibration and Orientation at USArray Stations, 2006–2015. *Bulletin of the Seismological Society of America*, **2018**, 108, 2008-2021	2.3	10
34	Centroid-moment tensor solutions for July–September, 1996. *Physics of the Earth and Planetary Interiors*, **1997**, 102, 133-143	2.3	9
33	Global seismicity of 2002: centroid–moment-tensor solutions for 1034 earthquakes. *Physics of the Earth and Planetary Interiors*, **2005**, 148, 303-326	2.3	9
32	Structure at the Top and Bottom of the Mantle **1996**, 521-550		9
31	Instrument responses of digital seismographs at Borovoye, Kazakhstan, by inversion of transient calibration pulses. *Bulletin of the Seismological Society of America*, **1996**, 86, 191-203	2.3	9
30	Seismic Reconstruction of the 2012 Palisades Rockfall Using the Analytical Solution to Lamb's Problem. *Bulletin of the Seismological Society of America*, **2017**, 107, 63-71	2.3	8
29	First geodetic observations of a deep earthquake: The 2013 Sea of Okhotsk Mw 8.3, 611 km-deep, event. *Geophysical Research Letters*, **2014**, 41, 3826-3832	4.9	7
28	A simple method of representing azimuthal anisotropy on a sphere. *Geophysical Journal International*, **2006**, 165, 668-671	2.6	7
27	Age dependence and anisotropy of surface-wave phase velocities in the Pacific. *Geophysical Journal International*, **2019**, 216, 640-658	2.6	7

26	Global Seismicity: Results from Systematic Waveform Analyses, 1976–2005 **2007**, 473-481		6
25	Centroid-moment tensor solutions for April–June, 1997. *Physics of the Earth and Planetary Interiors*, **1999**, 112, 1-9	2.3	6
24	Bering Sea Earthquake of February 21, 1991: Active faulting along the Bering Shelf Edge. *Journal of Geophysical Research*, **1993**, 98, 2155-2165		6
23	Macquarie earthquake of May 23, 1989. *Eos*, **1989**, 70, 700	1.5	6
22	Earthquake Activity Associated with Underground Nuclear Explosions. *NATO ASI Series Partnership Sub-series 2, Environment*, **1995**, 21-34		6
21	Centroid-moment tensor solutions for January–March, 2000. *Physics of the Earth and Planetary Interiors*, **2000**, 121, 175-187	2.3	5
20	Centroid-moment tensor solutions for April–June, 1999. *Physics of the Earth and Planetary Interiors*, **2000**, 119, 161-171	2.3	5
19	Seismology of the Oso-Steelhead landslide		5
18	Centroid-moment tensor solutions for January to March 1998. *Physics of the Earth and Planetary Interiors*, **2003**, 136, 133-144	2.3	4
17	Ray Tracing On A Heterogeneous Sphere By Lie Series. *Geophysical Journal International*, **1991**, 104, 11-27	2.6	4
16	Slip Partitioning along Major Convergent Plate Boundaries **1993**, 183-210		4
15	Global Event Location with Full and Sparse Data Sets Using Three-dimensional Models of Mantle P-wave Velocity **2001**, 291-317		4
14	Centroid-moment tensor solutions for July–September 1997. *Physics of the Earth and Planetary Interiors*, **2003**, 136, 119-131	2.3	3
13	Centroid Moment Tensor Solutions for Taiwan Earthquakes of the WWSSN Era (1963-1975). *Terrestrial, Atmospheric and Oceanic Sciences*, **2004**, 15, 061	1.8	3
12	Evidence of Overtone Interference in Fundamental-Mode Rayleigh Wave Phase and Amplitude Measurements. *Journal of Geophysical Research: Solid Earth*, **2020**, 125, e2019JB018540	3.6	3
11	Improving relative earthquake locations using surface-wave source corrections. *Geophysical Journal International*, **2019**, 219, 297-312	2.6	2
10	Three-Dimensional Velocity Structure of the Earth's Upper Mantle **1997**, 187-198		2
9	Comparisons between measurements and predictions of Rayleigh wave amplification across the contiguous United States. *Physics of the Earth and Planetary Interiors*, **2020**, 299, 106407	2.3	2

8	Vertical force scaling in seismic source models of underground nuclear explosions. *Geophysical Journal International*, **2020**, 221, 251-264	2.6	1
7	Global Seismicity: Results from Systematic Waveform Analyses, 1976–2012 **2015**, 467-475		1
6	The 28 November 2020 Landslide, Tsunami, and Outburst Flood – A Hazard Cascade Associated With Rapid Deglaciation at Elliot Creek, British Columbia, Canada. *Geophysical Research Letters*, **2022**, 49,	4.9	1
5	A comparison of approaches for the prediction and inversion of surface wave phase delays. *Geophysical Journal International*, **2019**, 217, 1496-1514	2.6	0
4	Global Models of Surface Wave Group Velocity **2001**, 1377-1399		0
3	Constraints on Crustal and Upper Mantle Structure from Intermediate Period Surface Waves **1997**, 287-294		
2	The European Upper Mantle as Seen by Surface Waves **2009**, 195-233		
1	Erratum to "Centroid moment tensor solutions for deep earthquakes predating the digital era: The historical dataset (1907–1961)" [Phys. Earth Planet. Inter. 106 (1998) 181–190]. *Physics of the Earth and Planetary Interiors*, **2018**, 284, 82-83	2.3	