Hiroo Kanamori

List of Publications by Year
in descending order

325 papers	35,841 citations	2795 94 h-index	3815 178 g-index
333 all docs	333 docs citations	333 times ranked	10918 citing authors

#	ARTICLE	IF	CITATIONS
1	The 2021 South Sandwich Island <i>M</i>_{<i>w</i>} 8.2 Earthquake: A Slow Event Sandwiched Between Regular Ruptures. Geophysical Research Letters, 2022, 49, .	1.5	10
2	Rupture Model for the 29 July 2021 <i>M</i>_{<i>W</i>} 8.2 Chignik, Alaska Earthquake Constrained by Seismic, Geodetic, and Tsunami Observations. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	11
3	Similarities and Differences in the Rupture Processes of the 1952 and 2003 Tokachiâ€Oki Earthquakes. Journal of Geophysical Research: Solid Earth, 2021, 126, .	1.4	6
4	The 25 March 2020 M 7.5 Paramushir, northern Kuril Islands earthquake and major (Mâ€¯â‰¥â€¯7.0) near-trench intraplate compressional faulting. Earth and Planetary Science Letters, 2021, 556, 116728.	1.8	9
5	Responding to Media Inquiries about Earthquake Triggering Interactions. Seismological Research Letters, 2021, 92, 3035-3045.	0.8	1
6	Multifault Opposingâ€Dip Strikeâ€Slip and Normalâ€Fault Rupture During the 2020 M_w 6.5 Stanley, Idaho Earthquake. Geophysical Research Letters, 2021, 48, e2021GL092510.	1.5	13
7	The 22 July 2020 M 7.8 Shumagin seismic gap earthquake: Partial rupture of a weakly coupled megathrust. Earth and Planetary Science Letters, 2021, 562, 116879.	1.8	28
8	Moment Tensors of Ringâ€Faulting at Active Volcanoes: Insights Into Verticalâ€CLVD Earthquakes at the Sierra Negra Caldera, GalÃ¡pagos Islands. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021693.	1.4	14
9	The Normal-Faulting 2020 MwÂ5.8 Lone Pine, Eastern California, Earthquake Sequence. Seismological Research Letters, 2021, 92, 679-698.	0.8	11
10	Anomalously low aftershock productivity of the 2019 M 8.0 energetic intermediate-depth faulting beneath Peru. Earth and Planetary Science Letters, 2020, 549, 116528.	1.8	19
11	Macrofracturing of Oceanic Lithosphere in Complex Large Earthquake Sequences. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020137.	1.4	4
12	A Database of Digitized and Analog Seismograms of Historical Earthquakes in Japan. Seismological Research Letters, 2020, 91, 1459-1468.	0.8	4
13	Modelling of pulse-like velocity ground motion during the 2018 Mw 6.3 Hualien earthquake, Taiwan. Geophysical Journal International, 2020, 223, 348-365.	1.0	4
14	Estimation of radiated energy using the KiK-net downhole recordsâ€”old method for modern data. Geophysical Journal International, 2020, 221, 1029-1042.	1.0	17
15	The 22 December 2018 tsunami from flank collapse of Anak Krakatau volcano during eruption. Science Advances, 2020, 6, eaaz1377.	4.7	58
16	New constraints on the 1922 Atacama, Chile, earthquake from Historical seismograms. Geophysical Journal International, 2019, 219, 645-661.	1.0	12
17	Enhancing Tsunami Warning Using <i>P</i> Wave Coda. Journal of Geophysical Research: Solid Earth, 2019, 124, 10583-10609.	1.4	15
18	Evidence for a large strike-slip component during the 1960 Chilean earthquake. Geophysical Journal International, 2019, 218, 1-32.	1.0	9

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19	Reviving<i>m</i>B. Geophysical Journal International, 2019, 216, 1798-1816.	1.0	13
20	Systematic deficiency of aftershocks in areas of high coseismic slip for large subduction zone earthquakes. Science Advances, 2018, 4, eaao3225.	4.7	60
21	Dissipative Intraplate Faulting During the 2016 M_w 6.2 Tottori, Japan Earthquake. Journal of Geophysical Research: Solid Earth, 2018, 123, 1631-1642.	1.4	26
22	Global variations of large megathrust earthquake rupture characteristics. Science Advances, 2018, 4, eaao4915.	4.7	37
23	Constraining the Dip of Shallow, Shallowly Dipping Thrust Events Using Longâ€Period Love Wave Radiation Patterns: Applications to the 25 October 2010 Mentawai, Indonesia, and 4 May 2018 Hawaii Island Earthquakes. Geophysical Research Letters, 2018, 45, 10,342.	1.5	17
24	The 2018 <scp><i>M</i>_{<i>W</i>}</scp> 7.9 Gulf of Alaska Earthquake: Multiple Fault Rupture in the Pacific Plate. Geophysical Research Letters, 2018, 45, 9542-9551.	1.5	51
25	Intraslab rupture triggering megathrust rupture coseismically in the 17 December 2016 Solomon Islands <i>M_w</i> 7.9 earthquake. Geophysical Research Letters, 2017, 44, 1286-1292.	1.5	17
26	Anomalously large complete stress drop during the 2016 <i>M</i>_{<i>w</i>} 5.2 Borrego Springs earthquake inferred by waveform modeling and nearâ€source aftershock deficit. Geophysical Research Letters, 2017, 44, 5994-6001.	1.5	28
27	Experimental evidence that thrust earthquake ruptures might open faults. Nature, 2017, 545, 336-339.	13.7	51
28	Ruptureâ€Depthâ€Varying Seismicity Patterns for Major and Great (<i>M</i>_{<i>w</i>}Ââ‰¥Â7.0) Megathrust Earthquakes. Geophysical Research Letters, 2017, 44, 9663-9671.	1.5	15
29	An Mw = 7.7 slow earthquake in 1960 near the AysÃ©n Fjord region, Chile. Geophysical Journal International, 2017, 211, 93-106.	1.0	9
30	Explaining extreme ground motion in Osaka basin during the 2011 Tohoku earthquake. Geophysical Research Letters, 2017, 44, 7239-7244.	1.5	14
31	Rupture Along 400Âkm 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.	1.5	12
32	Downtown Los Angeles 52-Story High-Rise and Free-Field Response to an Oil Refinery Explosion. Earthquake Spectra, 2016, 32, 1793-1820.	1.6	13
33	Diverse rupture processes in the 2015 Peru deep earthquake doublet. Science Advances, 2016, 2, e1600581.	4.7	20
34	The 16 April 2016, M7.8 (M7.5) Ecuador earthquake: A quasi-repeat of the 1942 M7.5 earthquake and partial re-rupture of the 1906 M8.6 Colombiaâ€“Ecuador earthquake. Earth and Planetary Science Letters, 2016, 454, 248-258.	1.8	99
35	Recurring large deep earthquakes in Hindu Kush driven by a sinking slab. Geophysical Research Letters, 2016, 43, 7433-7441.	1.5	32
36	Rupture characteristics of major and great (<i>M_w</i>â€‰â€‰â‰¥â€‰7.0) megathrust earthquakes from 1990 to 2015: 1. Source parameter scaling relationships. Journal of Geophysical Research: Solid Earth, 2016, 121, 826-844.	1.4	167

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37	Rupture characteristics of major and great (<i>M_w</i>â€‰â‰¥â€‰7.0) megathrust earthquakes from 1990 to 2015: 2. Depth dependence. Journal of Geophysical Research: Solid Earth, 2016, 121, 845-863.	1.4	49
38	Evidence for non-self-similarity of microearthquakes recorded at a Taiwan borehole seismometer array. Geophysical Journal International, 2016, 206, 757-773.	1.0	22
39	The isolated âˆ¼680 km deep 30 May 2015 MW 7.9 Ogasawara (Bonin) Islands earthquake. Earth and Planetary Science Letters, 2016, 433, 169-179.	1.8	31
40	Supershear rupture in the 24 May 2013 M w 6.7 Okhotsk deep earthquake: Additional evidence from regional seismic stations. Geophysical Research Letters, 2015, 42, 7941-7948.	1.5	7
41	The collapse of BÃ¡rÃ°arbunga caldera, Iceland. Geophysical Journal International, 2015, 202, 446-453.	1.0	51
42	A <i>P</i> waveâ€based, onâ€site method for earthquake early warning. Geophysical Research Letters, 2015, 42, 1390-1398.	1.5	44
43	CAPjoint, A Computer Software Package for Joint Inversion of Moderate Earthquake Source Parameters with Local and Teleseismic Waveforms. Seismological Research Letters, 2015, 86, 432-441.	0.8	25
44	Earthquake Hazard Mitigation and Real-Time Warnings of Tsunamis and Earthquakes. Pure and Applied Geophysics, 2015, 172, 2335-2341.	0.8	8
45	Model Space Exploration for Determining Landslide Source History from Long-Period Seismic Data. Pure and Applied Geophysics, 2015, 172, 389-413.	0.8	29
46	Active Pacific North America Plate boundary tectonics as evidenced by seismicity in the oceanic lithosphere offshore Baja California, Mexico. Geophysical Journal International, 2014, 196, 1619-1630.	1.0	6
47	Rupture complexity of the 1994 Bolivia and 2013 Sea of Okhotsk deep earthquakes. Earth and Planetary Science Letters, 2014, 385, 89-96.	1.8	96
48	Diagnosing Source Geometrical Complexity of Large Earthquakes. Pure and Applied Geophysics, 2014, 171, 2819-2840.	0.8	10
49	The Diversity of Large Earthquakes and Its Implications for Hazard Mitigation. Annual Review of Earth and Planetary Sciences, 2014, 42, 7-26.	4.6	27
50	Falling in Love with Waves. Annual Review of Earth and Planetary Sciences, 2014, 42, 1-6.	4.6	0
51	Slip-Weakening Models of the 2011 Tohoku-Oki Earthquake and Constraints on Stress Drop and Fracture Energy. Pure and Applied Geophysics, 2014, 171, 2555-2568.	0.8	34
52	Supershear rupture in a <i>M</i> _w 6.7 aftershock of the 2013 Sea of Okhotsk earthquake. Science, 2014, 345, 204-207.	6.0	54
53	Reproducing the supershear portion of the 2002 Denali earthquake rupture in laboratory. Earth and Planetary Science Letters, 2014, 387, 89-96.	1.8	25
54	Seismological analyses of the 2010 March 11, Pichilemu, Chile Mw 7.0 and Mw 6.9 coastal intraplate earthquakes. Geophysical Journal International, 2014, 197, 414-434.	1.0	14

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55	The 23 June 2014<i>M_w</i>7.9 Rat Islands archipelago, Alaska, intermediate depth earthquake. Geophysical Research Letters, 2014, 41, 6389-6395.	1.5	13
56	The October 28, 2012 Mw 7.8 Haida Gwaii underthrusting earthquake and tsunami: Slip partitioning along the Queen Charlotte Fault transpressional plate boundary. Earth and Planetary Science Letters, 2013, 375, 57-70.	1.8	100
57	Energy Release of the 2013 <i>M</i> _w 8.3 Sea of Okhotsk Earthquake and Deep Slab Stress Heterogeneity. Science, 2013, 341, 1380-1384.	6.0	107
58	The February 6, 2013 Mw 8.0 Santa Cruz Islands earthquake and tsunami. Tectonophysics, 2013, 608, 1109-1121.	0.9	42
59	Using centroid time-delays to characterize source durations and identify earthquakes with unique characteristics. Earth and Planetary Science Letters, 2013, 374, 92-100.	1.8	78
60	Large earthquake rupture process variations on the Middle America megathrust. Earth and Planetary Science Letters, 2013, 381, 147-155.	1.8	35
61	The December 7, 2012 Japan Trench intraplate doublet (Mw 7.2, 7.1) and interactions between near-trench intraplate thrust and normal faulting. Physics of the Earth and Planetary Interiors, 2013, 220, 73-78.	0.7	44
62	Report on the August 2012 Brawley Earthquake Swarm in Imperial Valley, Southern California. Seismological Research Letters, 2013, 84, 177-189.	0.8	48
63	Comparison of average stress drop measures for ruptures with heterogeneous stress change and implications for earthquake physics. Geophysical Journal International, 2013, 193, 1691-1712.	1.0	133
64	Ground Shaking and Seismic Source Spectra for Large Earthquakes around the Megathrust Fault Offshore of Northeastern Honshu, Japan. Bulletin of the Seismological Society of America, 2013, 103, 1221-1241.	1.1	32
65	Estimating the effect of Earth elasticity and variable water density on tsunami speeds. Geophysical Research Letters, 2013, 40, 492-496.	1.5	81
66	Realâ€time forecasting of the April 11, 2012 Sumatra tsunami. Geophysical Research Letters, 2012, 39, .	1.5	44
67	The 2012 Sumatra great earthquake sequence. Earth and Planetary Science Letters, 2012, 351-352, 247-257.	1.8	99
68	The 1909 Taipei earthquake-implication for seismic hazard in Taipei. Geophysical Journal International, 2012, 191, 126-146.	1.0	17
69	Intraplate and interplate faulting interactions during the August 31, 2012, Philippine Trench earthquake (M w 7.6) sequence. Geophysical Research Letters, 2012, 39, .	1.5	22
70	Test of a Threshold-Based Earthquake Early-Warning Method Using Japanese Data. Bulletin of the Seismological Society of America, 2012, 102, 1266-1275.	1.1	40
71	Putting seismic research to most effective use. Nature, 2012, 483, 147-148.	13.7	16
72	Depthâ€varying rupture properties of subduction zone megathrust faults. Journal of Geophysical Research, 2012, 117, .	3.3	442

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73	The 2011 Tohoku Earthquake. Elements, 2012, 8, 183-188.	0.5	10
74	W phase source inversion for moderate to large earthquakes (1990-2010). Geophysical Journal International, 2012, 189, 1125-1147.	1.0	177
75	Uncertainty estimations for seismic source inversions. Geophysical Journal International, 2012, 190, 1243-1256.	1.0	76
76	The 25 October 2010 Mentawai tsunami earthquake (M_w7.8) and the tsunami hazard presented by shallow megathrust ruptures. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	75
77	Modeling near-field tsunami observations to improve finite-fault slip models for the 11 March 2011 Tohoku earthquake. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	95
78	Initiation of the great Mw 9.0 Tohokuâ€“Oki earthquake. Earth and Planetary Science Letters, 2011, 308, 277-283.	1.8	56
79	Insights from the great 2011 Japan earthquake. Physics Today, 2011, 64, 33-39.	0.3	163
80	The 2010 M w 7.2 El Mayor-Cucapah Earthquake Sequence, Baja California, Mexico and Southernmost California, USA: Active Seismotectonics along the Mexican Pacific Margin. Pure and Applied Geophysics, 2011, 168, 1255-1277.	0.8	109
81	Earthquake early warning: Concepts, methods and physical grounds. Soil Dynamics and Earthquake Engineering, 2011, 31, 106-118.	1.9	145
82	The 2011 Magnitude 9.0 Tohoku-Oki Earthquake: Mosaicking the Megathrust from Seconds to Centuries. Science, 2011, 332, 1421-1425.	6.0	648
83	Outer trench-slope faulting and the 2011 M w 9.0 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 713-718.	0.9	73
84	Frequency-dependent rupture process of the 2011 M w 9.0 Tohoku Earthquake: Comparison of short-period P wave backprojection images and broadband seismic rupture models. Earth, Planets and Space, 2011, 63, 599-602.	0.9	192
85	The 2011 M w 9.0 off the Pacific coast of Tohoku Earthquake: Comparison of deep-water tsunami signals with finite-fault rupture model predictions. Earth, Planets and Space, 2011, 63, 797-801.	0.9	61
86	Real-time W phase inversion during the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 535-539.	0.9	92
87	Possible large near-trench slip during the 2011 M w 9.0 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 687-692.	0.9	250
88	Call for Papers: Special Issue of Earth, Planets and Space (EPS) â€œFirst Results of the 2011 Off the Pacific Coast of Tohoku Earthquakeâ€• Earth, Planets and Space, 2011, 63, 397-397.	0.9	1
89	A rupture model of the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 693-696.	0.9	212
90	Effects of Kinematic Constraints on Teleseismic Finite-Source Rupture Inversions: Great Peruvian Earthquakes of 23 June 2001 and 15 August 2007. Bulletin of the Seismological Society of America, 2010, 100, 969-994.	1.1	83

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91	Historical seismograms for unravelling a mysterious earthquake: The 1907 Sumatra Earthquake. Geophysical Journal International, 2010, 183, 358-374.	1.0	66
92	A threshold-based earthquake early warning using dense accelerometer networks. Geophysical Journal International, 2010, 183, 963-974.	1.0	143
93	The 2009 Samoaâ€"Tonga great earthquake triggered doublet. Nature, 2010, 466, 964-968.	13.7	184
94	Identifying the unique ground motion signatures of supershear earthquakes: Theory and experiments. Tectonophysics, 2010, 493, 297-326.	0.9	57
95	Source Inversion of the W-Phase: Real-time Implementation and Extension to Low Magnitudes. Seismological Research Letters, 2009, 80, 817-822.	0.8	100
96	The 2006â€"2007 Kuril Islands great earthquake sequence. Journal of Geophysical Research, 2009, 114, .	3.3	112
97	Modeling 3â€Đ wave propagation and finite slip for the 1998 Balleny Islands earthquake. Journal of Geophysical Research, 2009, 114, .	3.3	32
98	A New Trigger Criterion for Improved Real-Time Performance of Onsite Earthquake Early Warning in Southern California. Bulletin of the Seismological Society of America, 2009, 99, 897-905.	1.1	60
99	A great earthquake doublet and seismic stress transfer cycle in the central Kuril islands. Nature, 2008, 451, 561-565.	13.7	173
100	Earthquake physics and real-time seismology. Nature, 2008, 451, 271-273.	13.7	19
101	Source inversion of W phase: speeding up seismic tsunami warning. Geophysical Journal International, 2008, 175, 222-238.	1.0	279
102	Water flow to the mantle transition zone inferred from a receiver function image of the Pacific slab. Earth and Planetary Science Letters, 2008, 274, 346-354.	1.8	289
103	Exploring the feasibility of on-site earthquake early warning using close-in records of the 2007 Noto Hanto earthquake. Earth, Planets and Space, 2008, 60, 155-160.	0.9	61
104	Preliminary Report on the 29 July 2008 Mw 5.4 Chino Hills, Eastern Los Angeles Basin, California, Earthquake Sequence. Seismological Research Letters, 2008, 79, 855-866.	0.8	31
105	Development of an Earthquake Early Warning System Using Real-Time Strong Motion Signals. Sensors, 2008, 8, 1-9.	2.1	174
106	Determination of earthquake early warning parameters, Ï„candPd, for southern California. Geophysical Journal International, 2007, 170, 711-717.	1.0	143
107	Energy partitioning during an earthquake. Geophysical Monograph Series, 2006, , 3-13.	0.1	141
108	The missing sinks: Slip localization in faults, damage zones, and the seismic energy budget. Geophysical Monograph Series, 2006, , 217-222.	0.1	30

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109	The 17 July 2006 Java tsunami earthquake. Geophysical Research Letters, 2006, 33, .	1.5	161
110	Investigation of the earthquake sequence off Miyagi prefecture with historical seismograms. Earth, Planets and Space, 2006, 58, 1533-1541.	0.9	71
111	Experiment on an Onsite Early Warning Method for the Taiwan Early Warning System. Bulletin of the Seismological Society of America, 2005, 95, 347-353.	1.1	227
112	Estimate of differential stress in the upper crust from variations in topography and strike along the San Andreas fault. Geophysical Journal International, 2005, 160, 527-532.	1.0	41
113	Ionospheric detection of gravity waves induced by tsunamis. Geophysical Journal International, 2005, 160, 840-848.	1.0	266
114	Representations of the radiated energy in earthquakes. Geophysical Journal International, 2005, 162, 148-155.	1.0	52
115	Energy radiation from the Sumatra earthquake. Nature, 2005, 434, 582-582.	13.7	136
116	SUPERSHEAR AND SUBRAYLEIGH TO SUPERSHEAR TRANSITION OBSERVED IN LABORATORY EARTHQUAKE EXPERIMENTS. Experimental Techniques, 2005, 29, 63-66.	0.9	18
117	Earth's Free Oscillations Excited by the 26 December 2004 Sumatra-Andaman Earthquake. Science, 2005, 308, 1139-1144.	6.0	231
118	The Great Sumatra-Andaman Earthquake of 26 December 2004. Science, 2005, 308, 1127-1133.	6.0	981
119	Rupture Process of the 2004 Sumatra-Andaman Earthquake. Science, 2005, 308, 1133-1139.	6.0	637
120	REAL-TIME SEISMOLOGY AND EARTHQUAKE DAMAGE MITIGATION. Annual Review of Earth and Planetary Sciences, 2005, 33, 195-214.	4.6	361
121	Laboratory Earthquakes: The Sub-Rayleigh-to-Supershear Rupture Transition. Science, 2004, 303, 1859-1861.	6.0	315
122	Geotechnical Characterization of TriNet Sites: A Status Report. Seismological Research Letters, 2004, 75, 505-514.	0.8	11
123	Some fluid-mechanical problems in geophysicsâ€"waves in the atmosphere and fault lubrication. Fluid Dynamics Research, 2004, 34, 1-19.	0.6	18
124	The physics of earthquakes. Reports on Progress in Physics, 2004, 67, 1429-1496.	8.1	634
125	Static and Dynamic Scaling Relations for Earthquakes and Their Implications for Rupture Speed and Stress Drop. Bulletin of the Seismological Society of America, 2004, 94, 314-319.	1.1	169
126	The diversity of the physics of earthquakes. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2004, 80, 297-316.	1.6	42

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127	The Potential for Earthquake Early Warning in Southern California. Science, 2003, 300, 786-789.	6.0	478
128	Anisotropy beneath California: shear wave splitting measurements using a dense broadband array. Geophysical Journal International, 2002, 149, 313-327.	1.0	78
129	Scale-dependence of seismic energy-to-moment ratio for strike-slip earthquakes in Japan. Geophysical Research Letters, 2001, 28, 4007-4010.	1.5	110
130	Southern California Seismic Network: Caltech/USGS Element of TriNet 1997-2001. Seismological Research Letters, 2001, 72, 690-704.	0.8	40
131	Shallow subduction zone earthquakes and their tsunamigenic potential. Geophysical Journal International, 2000, 142, 684-702.	1.0	221
132	A new observation of dynamically triggered regional seismicity: Earthquakes in Greece following the August 1999 Izmit, Turkey earthquake. Geophysical Research Letters, 2000, 27, 2741-2744.	1.5	167
133	Mechanism of the 1975 Kalapana, Hawaii, earthquake inferred from tsunami data. Journal of Geophysical Research, 1999, 104, 13153-13167.	3.3	45
134	Relationships between Peak Ground Acceleration, Peak Ground Velocity, and Modified Mercalli Intensity in California. Earthquake Spectra, 1999, 15, 557-564.	1.6	651
135	TriNet â€œShakeMapsâ€: Rapid Generation of Peak Ground Motion and Intensity Maps for Earthquakes in Southern California. Earthquake Spectra, 1999, 15, 537-555.	1.6	518
136	Beginning of earthquakes modeled with the Griffith's fracture criterion. Bulletin of the Seismological Society of America, 1999, 89, 80-93.	1.1	21
137	Computation of seismograms and atmospheric oscillations by normal-mode summation for a spherical earth model with realistic atmosphere. Geophysical Journal International, 1998, 135, 388-406.	1.0	159
138	Viscoelastic Flow in the Lower Crust after the 1992 Landers, California, Earthquake. , 1998, 282, 1689-1692.		171
139	Frictional Melting During the Rupture of the 1994 Bolivian Earthquake. Science, 1998, 279, 839-842.	6.0	233
140	SEISMOLOGY: Enhanced: Shaking Without Quaking. Science, 1998, 279, 2063-2064.	6.0	11
141	State of stress before and after the 1994 Northridge Earthquake. Geophysical Research Letters, 1997, 24, 519-522.	1.5	54
142	Real-time seismology and earthquake hazard mitigation. Nature, 1997, 390, 461-464.	13.7	147
143	Simulation of long-period ground motion near a large earthquake. Bulletin of the Seismological Society of America, 1997, 87, 140-156.	1.1	16
144	Upper-mantle shear velocities beneath southern California determined from long-period surface waves. Bulletin of the Seismological Society of America, 1997, 87, 200-209.	1.1	22

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145	Simultaneous inversion of local and teleseismic data for the crust and mantle structure of southern California. Physics of the Earth and Planetary Interiors, 1996, 93, 191-214.	0.7	45
146	Initial rupture of earthquakes in the 1995 Ridgecrest, California Sequence. Geophysical Research Letters, 1996, 23, 2437-2440.	1.5	94
147	Tomography of the Source Area of the 1995 Kobe Earthquake: Evidence for Fluids at the Hypocenter?. Science, 1996, 274, 1891-1894.	6.0	328
148	Waves from the Shoemaker-Levy 9 impacts. International Astronomical Union Colloquium, 1996, 156, 329-345.	0.1	0
149	Evidence for possible horizontal faulting in southern California from earthquake mechanisms. Geology, 1996, 24, 123.	2.0	13
150	Initiation process of earthquakes and its implications for seismic hazard reduction strategy.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3726-3731.	3.3	9
151	The wake of a legendary earthquake. Nature, 1996, 379, 203-204.	13.7	4
152	The origin of harmonic tremor at Old Faithful geyser. Nature, 1996, 379, 708-711.	13.7	86
153	Rupture Process of the Kobe, Japan, Earthquake of Jan. 17, 1995, Determined from Teleseismic Body Waves.. Journal of Physics of the Earth, 1996, 44, 429-436.	1.4	51
154	Source complexity of the 1994 Northridge earthquake and its relation to aftershock mechanisms. Bulletin of the Seismological Society of America, 1996, 86, S84-S92.	1.1	71
155	Continuous monitoring of seismic energy release associated with the 1994 Northridge earthquake and the 1992 Landers earthquake. Bulletin of the Seismological Society of America, 1996, 86, 255-258.	1.1	2
156	Waves from the collisions of comet Shoemakerâ€"Levy 9 with Jupiter. Nature, 1995, 374, 706-708.	13.7	71
157	Preparing for the Unexpected. Seismological Research Letters, 1995, 66, 7-8.	0.8	4
158	The 1994 Northridge Earthquake: 3-D crustal structure in the rupture zone and its relation to the aftershock locations and mechanisms. Geophysical Research Letters, 1995, 22, 763-766.	1.5	61
159	The Shikotan Earthquake of October 4, 1994: Lithospheric earthquake. Geophysical Research Letters, 1995, 22, 1025-1028.	1.5	73
160	Global positioning system resurvey of Southern California Seismic Network stations. Bulletin of the Seismological Society of America, 1995, 85, 361-374.	1.1	0
161	Mechanics of Earthquakes. Annual Review of Earth and Planetary Sciences, 1994, 22, 207-237.	4.6	210
162	Atmospheric gravity waves from the impact of comet Shoemaker-Levy 9 with Jupiter. Geophysical Research Letters, 1994, 21, 1083-1086.	1.5	31

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163	The mechanism of the Deep Bolivia Earthquake of June 9, 1994. Geophysical Research Letters, 1994, 21, 2341-2344.	1.5	93
164	Broadband waveform observation of the 28 June 1991 Sierra Madre earthquake sequence (<i>ML</i> =) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	11
165	The 1992 Nicaragua earthquake: a slow tsunami earthquake associated with subducted sediments. Nature, 1993, 361, 714-716.	13.7	355
166	Near-Field Investigations of the Landers Earthquake Sequence, April to July 1992. Science, 1993, 260, 171-176.	6.0	392
167	Seismic radiation by magma injection: An anomalous seismic event near Tori Shima, Japan. Journal of Geophysical Research, 1993, 98, 6511-6522.	3.3	65
168	The 1992 Landers earthquake sequence: Earthquake occurrence and structural heterogeneities. Geophysical Research Letters, 1993, 20, 1083-1086.	1.5	50
169	W phase. Geophysical Research Letters, 1993, 20, 1691-1694.	1.5	86
170	An analysis of nearfield normal mode amplitude anomalies of the Landers Earthquake. Geophysical Research Letters, 1993, 20, 2611-2614.	1.5	2
171	Excitation of Jovian normal modes by an impact source. Geophysical Research Letters, 1993, 20, 2921-2924.	1.5	15
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