Clifford H Thurber

List of Publications by Year
in descending order

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173	8,907	53794 45	48315 88
papers	citations	h-index	g-index

183	183	183	4779
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Earthquake locations and threeâ€dimensional crustal structure in the Coyote Lake Area, central California. Journal of Geophysical Research, 1983, 88, 8226-8236.	3.3	781
2	A fast algorithm for two-point seismic ray tracing. Bulletin of the Seismological Society of America, 1987, 77, 972-986.	2.3	716
3	Double-Difference Tomography: The Method and Its Application to the Hayward Fault, California. Bulletin of the Seismological Society of America, 2003, 93, 1875-1889.	2.3	673
4	Automatic P-Wave Arrival Detection and Picking with Multiscale Wavelet Analysis for Single-Component Recordings. Bulletin of the Seismological Society of America, 2003, 93, 1904-1912.	2.3	339
5	Local earthquake tomography with flexible gridding. Computers and Geosciences, 1999, 25, 809-818.	4.2	283
6	Three-Dimensional Compressional Wavespeed Model, Earthquake Relocations, and Focal Mechanisms for the Parkfield, California, Region. Bulletin of the Seismological Society of America, 2006, 96, S38-S49.	2.3	202
7	Development and Applications of Double-difference Seismic Tomography. Pure and Applied Geophysics, 2006, 163, 373-403.	1.9	196
8	Teleseismic Relocation and Assessment of Seismicity (1918-2005) in the Region of the 2004 Mw 9.0 Sumatra-Andaman and 2005 Mw 8.6 Nias Island Great Earthquakes. Bulletin of the Seismological Society of America, 2007, 97, S43-S61.	2.3	166
9	Global Prevalence of Double Benioff Zones. Science, 2007, 316, 1472-1474.	12.6	162
10	Hypocenter-velocity structure coupling in local earthquake tomography. Physics of the Earth and Planetary Interiors, 1992, 75, 55-62.	1.9	138
11	Variations of fluid pressure within the subducting oceanic crust and slow earthquakes. Geophysical Research Letters, 2010, 37, .	4.0	133
12	High-resolution subducting-slab structure beneath northern Honshu, Japan, revealed by double-difference tomography. Geology, 2004, 32, 361.	4.4	131
13	Ground motion response to an ML 4.3 earthquake using co-located distributed acoustic sensing and seismometer arrays. Geophysical Journal International, 2018, 213, 2020-2036.	2.4	122
14	Joint inversion for Vp, Vs, and Vp/Vs at SAFOD, Parkfield, California. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	119
15	Teleseismic doubleâ€difference relocation of earthquakes along the Sumatraâ€Andaman subduction zone using a 3â€D model. Journal of Geophysical Research, 2010, 115, .	3.3	114
16	Fine-scale structure of the San Andreas fault zone and location of the SAFOD target earthquakes. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	110
17	Nonlinear Inverse Problems. , 2013, , 239-252.		103
18	Dome growth behavior at Soufriere Hills Volcano, Montserrat, revealed by relocation of volcanic event swarms, 1995â€“1996. Journal of Volcanology and Geothermal Research, 2004, 134, 199-221.	2.1	102

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19	Two-dimensional seismic image of the San Andreas Fault in the Northern Gabilan Range, central California: Evidence for fluids in the fault zone. Geophysical Research Letters, 1997, 24, 1591-1594.	4.0	100
20	Rapid solution of ray tracing problems in heterogeneous media. Bulletin of the Seismological Society of America, 1980, 70, 1137-1148.	2.3	94
21	Crust and upper mantlePwave velocity structure beneath Valles Caldera, New Mexico: Results from the Jemez teleseismic tomography experiment. Journal of Geophysical Research, 1998, 103, 24301-24320.	3.3	93
22	Nonlinear earthquake location: Theory and examples. Bulletin of the Seismological Society of America, 1985, 75, 779-790.	2.3	93
23	Earthquake locations and three-dimensional fault zone structure along the creeping section of the San Andreas fault near Parkfield, CA: Preparing for SAFOD. Geophysical Research Letters, 2003, 30, .	4.0	89
24	A new algorithm for threeâ€dimensional joint inversion of body wave and surface wave data and its application to the Southern California plate boundary region. Journal of Geophysical Research: Solid Earth, 2016, 121, 3557-3569.	3.4	89
25	Seismic Detection of the Summit Magma Complex of Kilauea Volcano, Hawaii. Science, 1984, 223, 165-167.	12.6	88
26	Flexure and seismicity beneath the south flank of Kilauea Volcano and tectonic implications. Journal of Geophysical Research, 1988, 93, 4271-4278.	3.3	84
27	Geophysical images of the creeping segment of the San Andreas fault: implications for the role of crustal fluids in the earthquake process. Tectonophysics, 2004, 385, 137-158.	2.2	83
28	Mantle subducting slab structure in the region of the 2010 M8.8 Maule earthquake (30-40Â°S), Chile. Geophysical Journal International, 2012, 191, 317-324.	2.4	83
29	Properties of Noise Crossâ€Correlation Functions Obtained from a Distributed Acoustic Sensing Array at Garner Valley, California. Bulletin of the Seismological Society of America, 2017, 107, 603-610.	2.3	82
30	Using a Deep Neural Network and Transfer Learning to Bridge Scales for Seismic Phase Picking. Geophysical Research Letters, 2020, 47, e2020GL088651.	4.0	72
31	A California Statewide Three-Dimensional Seismic Velocity Model from Both Absolute and Differential Times. Bulletin of the Seismological Society of America, 2010, 100, 225-240.	2.3	71
32	Estimating the model resolution matrix for large seismic tomography problems based on Lanczos bidiagonalization with partial reorthogonalization. Geophysical Journal International, 2007, 170, 337-345.	2.4	70
33	Joint inversion of gravity and arrival time data from Parkfield: New constraints on structure and hypocenter locations near the SAFOD drill site. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	68
34	Refining the image of the San Andreas Fault near Parkfield, California using a finite difference travel time computation technique. Tectonophysics, 2006, 426, 189-205.	2.2	68
35	Complex slab subduction beneath northern Sumatra. Geophysical Research Letters, 2008, 35, .	4.0	66
36	Earthquake Relocation Using Cross-Correlation Time Delay Estimates Verified with the Bispectrum Method. Bulletin of the Seismological Society of America, 2004, 94, 856-866.	2.3	64

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37	Dynamics of a large, restless, rhyolitic magma system at Laguna del Maule, southern Andes, Chile. GSA Today, 2014, , 4-10.	2.0	63
38	The deep structure of lunar basins: Implications for basin formation and modification. Journal of Geophysical Research, 1985, 90, 3049-3064.	3.3	62
39	A threeâ€dimensional crustal seismic velocity model for southern California from a composite event method. Journal of Geophysical Research, 2007, 112, .	3.3	62
40	Three-Dimensional Seismic Imaging. Annual Review of Earth and Planetary Sciences, 1987, 15, 115-139.	11.0	56
41	Analysis methods for kinematic data from local earthquakes. Reviews of Geophysics, 1986, 24, 793-805.	23.0	52
42	Seismic Velocity and Attenuation Structure of the East Rift Zone and South Flank of Kilauea Volcano, Hawaii. Bulletin of the Seismological Society of America, 2004, 94, 1430-1440.	2.3	52
43	Shear wave anisotropy in the crust around the San Andreas fault near Parkfield: spatial and temporal analysis. Geophysical Journal International, 2008, 172, 957-970.	2.4	50
44	Martian lithospheric thickness from elastic flexure theory. Geophysical Research Letters, 1978, 5, 977-980.	4.0	47
45	Subducting slab structure below the eastern Sunda arc inferred from non-linear seismic tomographic imaging. Geological Society Special Publication, 2011, 355, 139-155.	1.3	47
46	Ambient seismic noise interferometry in Hawai'i reveals long-range observability of volcanic tremor. Geophysical Journal International, 2013, 194, 512-523.	2.4	47
47	A method for modelling radar interferograms without phase unwrapping: application to the M 5 Fawnskin, California earthquake of 1992 December 4. Geophysical Journal International, 2009, 176, 491-504.	2.4	46
48	Relocated aftershocks and background seismicity in eastern Indonesia shed light on the 2018 Lombok and Palu earthquake sequences. Geophysical Journal International, 2020, 221, 1845-1855.	2.4	46
49	Three-dimensional Vp and Vp/Vs structure at Loma Prieta, California, from local earthquake tomography. Geophysical Research Letters, 1995, 22, 3079-3082.	4.0	45
50	Adaptive mesh seismic tomography based on tetrahedral and Voronoi diagrams: Application to Parkfield, California. Journal of Geophysical Research, 2005, 110, .	3.3	45
51	Regional threeâ€dimensional seismic velocity model of the crust and uppermost mantle of northern California. Journal of Geophysical Research, 2009, 114, .	3.3	45
52	The relationship between earthquake swarms and magma transport: Kilauea volcano, Hawaii. Pure and Applied Geophysics, 1987, 125, 971-991.	1.9	44
53	Aftershock distribution and 3D seismic velocity structure in and around the focal area of the 2004 mid Niigata prefecture earthquake obtained by applying double-difference tomography to dense temporary seismic network data. Earth, Planets and Space, 2005, 57, 435-440.	2.5	44
54	Nonlinear estimation of geometric parameters in FEMs of volcano deformation: Integrating tomography models and geodetic data for Okmok volcano, Alaska. Journal of Geophysical Research, 2012, 117, .	3.3	41

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55	Joint Inversion of Seismic and Magnetotelluric Data in the Parkfield Region of California Using the Normalized Cross-Gradient Constraint. Pure and Applied Geophysics, 2015, 172, 1033-1052.	1.9	40
56	Seismicity and structure of Akutan and Makushin Volcanoes, Alaska, using joint body and surface wave tomography. Journal of Geophysical Research: Solid Earth, 2015, 120, 1036-1052.	3.4	39
57	High-resolution subduction zone seismicity and velocity structure beneath Ibaraki Prefecture, Japan. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	38
58	Seismic velocity variations along the rupture zone of the 1989 Loma Prieta earthquake, California. Journal of Geophysical Research, 2012, 117, .	3.3	38
59	Phase-Weighted Stacking Applied to Low-Frequency Earthquakes. Bulletin of the Seismological Society of America, 2014, 104, 2567-2572.	2.3	38
60	Joint Inversion of Body-Wave Arrival Times and Surface-Wave Dispersion for Three-Dimensional Seismic Structure Around SAFOD. Pure and Applied Geophysics, 2014, 171, 3013-3022.	1.9	38
61	Activeâ€Source Seismic Tomography at the Brady Geothermal Field, Nevada, with Dense Nodal and Fiberâ€Optic Seismic Arrays. Seismological Research Letters, 2018, 89, 1629-1640.	1.9	36
62	Threeâ€dimensional shearâ€wave splitting tomography in the Parkfield, California, region. Geophysical Research Letters, 2007, 34, .	4.0	34
63	Crustal shear wave anisotropy in southern Hawaii: Spatial and temporal analysis. Journal of Geophysical Research, 1995, 100, 20367-20377.	3.3	33
64	Tomographic images of the upper crust from the Los Angeles basin to the Mojave Desert, California: Results from the Los Angeles Region Seismic Experiment. Journal of Geophysical Research, 1999, 104, 25543-25565.	3.3	32
65	Tomographic image of P-velocity structure beneath Kilauea's East Rift Zone and South Flank: Seismic evidence for a deep magma body. Geophysical Research Letters, 2001, 28, 375-378.	4.0	32
66	Threeâ€dimensional P wave velocity model for the San Francisco Bay region, California. Journal of Geophysical Research, 2007, 112, .	3.3	32
67	Source properties of two microearthquakes at Kilauea Volcano, Hawaii. Bulletin of the Seismological Society of America, 1988, 78, 1123-1132.	2.3	32
68	New constraints on seismicity in the Wellington region of New Zealand from relocated earthquake hypocentres. Geophysical Journal International, 2004, 158, 1088-1102.	2.4	31
69	Detailed imaging of the fault planes of the 2004 Niigataâ€“Chuetsu, central Japan, earthquake sequence by double-difference tomography. Earth and Planetary Science Letters, 2006, 244, 32-43.	4.4	31
70	Crustal stress and fault strength in the Canterbury Plains, New Zealand. Earth and Planetary Science Letters, 2013, 383, 173-181.	4.4	31
71	Seismicity and seismic structure at Okmok Volcano, Alaska. Journal of Volcanology and Geothermal Research, 2014, 278-279, 103-119.	2.1	31
72	A non-parametric method for automatic determination ofP-wave andS-wave arrival times: application to local micro earthquakes. Geophysical Journal International, 2015, 202, 1164-1179.	2.4	31

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73	Hypocenter Relocation along the Sunda Arc in Indonesia, Using a 3D Seismicâ€Velocity Model. Seismological Research Letters, 2018, 89, 603-612.	1.9	31
74	Magma Reservoir Below Laguna del Maule Volcanic Field, Chile, Imaged With Surfaceâ€Wave Tomography. Journal of Geophysical Research: Solid Earth, 2019, 124, 2858-2872.	3.4	31
75	Sharpening the tomographic image of the subducting slab below Sumatra, the Andaman Islands and Burma. Geophysical Journal International, 2010, , no-no.	2.4	30
76	Upper Crustal Structure from the Santa Monica Mountains to the Sierra Nevada, Southern California: Tomographic Results from the Los Angeles Regional Seismic Experiment, Phase II (LARSE II). Bulletin of the Seismological Society of America, 2004, 94, 619-632.	2.3	29
77	Three-Dimensional Seismic Attenuation Structure around the SAFOD Site, Parkfield, California. Bulletin of the Seismological Society of America, 2008, 98, 2934-2947.	2.3	29
78	Crustal Fault Connectivity of the M_w 7.8 2016 KaikÅura Earthquake Constrained by Aftershock Relocations. Geophysical Research Letters, 2019, 46, 6487-6496.	4.0	29
79	Seismic Imaging of the Southern California Plate Boundary around the South-Central Transverse Ranges Using Double-Difference Tomography. Pure and Applied Geophysics, 2019, 176, 1117-1143.	1.9	28
80	Volcano deformation source parameters estimated from InSAR: Sensitivities to uncertainties in seismic tomography. Journal of Geophysical Research: Solid Earth, 2016, 121, 3002-3016.	3.4	27
81	Constraining the boundary between the Sunda and Andaman subduction systems: Evidence from the 2002 Mw7.3 Northern Sumatra earthquake and aftershock relocations of the 2004 and 2005 great earthquakes. Geophysical Research Letters, 2005, 32, .	4.0	26
82	Highâ€resolution locations of triggered earthquakes and tomographic imaging of Kilauea Volcano's south flank. Journal of Geophysical Research, 2010, 115, .	3.3	26
83	Nuclear explosion locations at the Balapan, Kazakhstan, nuclear test site: the effects of high-precision arrival times and three-dimensional structure. Physics of the Earth and Planetary Interiors, 2001, 123, 283-301.	1.9	25
84	Teleseismic P-wave image of crust and upper mantle structure beneath the Valles Caldera, New Mexico: Initial Results from the 1993 JTEX Passive Array. Geophysical Research Letters, 1995, 22, 505-508.	4.0	23
85	Precise relocation of earthquakes following the 15 June 1991 eruption of Mount Pinatubo (Philippines). Journal of Geophysical Research, 2004, 109, .	3.3	23
86	Determination and uncertainty of moment tensors for microearthquakes at Okmok Volcano, Alaska. Geophysical Journal International, 2012, 190, 1689-1709.	2.4	23
87	Vp/Vs tomography in the southern California plate boundary region using body and surface wave traveltime data. Geophysical Journal International, 2019, 216, 609-620.	2.4	23
88	Three-dimensional Kirchhoff migration: Imaging of the Jemez volcanic field using teleseismic data. Journal of Geophysical Research, 2002, 107, ESE 11-1-ESE 11-15.	3.3	22
89	Detailed fault structure highlighted by finely relocated aftershocks, Arthur's Pass, New Zealand. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	22
90	The Augustine magmatic system as revealed by seismic tomography and relocated earthquake hypocenters from 1994 through 2009. Journal of Geophysical Research, 2011, 116, .	3.3	22

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91	Geothermal production and reduced seismicity: Correlation and proposed mechanism. Earth and Planetary Science Letters, 2018, 482, 470-477.	4.4	22
92	Surface-wave dispersion spectrum inversion method applied to Love and Rayleigh waves recorded by distributed acoustic sensing. Geophysics, 2021, 86, EN1-EN12.	2.6	22
93	Seismic detection of a lowâ€velocity layer beneath the southeast flank of Mauna Loa, Hawaii. Geophysical Research Letters, 1989, 16, 649-652.	4.0	21
94	A Graphics Processing Unit Implementation for Timeâ€“Frequency Phaseâ€Weighted Stacking. Seismological Research Letters, 2016, 87, 358-362.	1.9	21
95	3D Seismic Velocity Models for Alaska from Joint Tomographic Inversion of Body-Wave and Surface-Wave Data. Seismological Research Letters, 2020, 91, 3106-3119.	1.9	21
96	Threeâ€dimensional passive seismic waveform imaging around the SAFOD site, California, using the generalized Radon transform. Geophysical Research Letters, 2009, 36, .	4.0	20
97	Aftershock Distribution as a Constraint on the Geodetic Model of Coseismic Slip for the 2004 Parkfield Earthquake. Pure and Applied Geophysics, 2011, 168, 1553-1565.	1.9	19
98	Highâ€resolution relocation of aftershocks of the M_w 7.1 Darfield, New Zealand, earthquake and implications for fault activity. Journal of Geophysical Research: Solid Earth, 2013, 118, 4184-4195.	3.4	19
99	3-DP- andS-wave velocity structure and low-frequency earthquake locations in the Parkfield, California region. Geophysical Journal International, 2016, 206, 1574-1585.	2.4	19
100	Regional seismic event location with a sparse network: Application to eastern Kazakhstan, USSR. Journal of Geophysical Research, 1989, 94, 17767-17780.	3.3	18
101	Accurate locations of nuclear explosions in Balapan, Kazakhstan, 1987 to 1989. Geophysical Research Letters, 1993, 20, 399-402.	4.0	18
102	Imaging the heterogeneous source area of the 2003 M6.4 northern Miyagi earthquake, NE Japan, by double-difference tomography. Tectonophysics, 2007, 430, 67-81.	2.2	18
103	Imaging the source area of the 1995 southern Hyogo (Kobe) earthquake (M7.3) using double-difference tomography. Earth and Planetary Science Letters, 2007, 253, 143-150.	4.4	18
104	Three-Dimensional P-Wave Velocity Structure and Precise Earthquake Relocation at Great Sitkin Volcano, Alaska. Bulletin of the Seismological Society of America, 2008, 98, 2428-2448.	2.3	18
105	Crustal heterogeneity highlighted by spatial b-value map in the Wellington region of New Zealand. Geophysical Journal International, 2010, 183, 451-460.	2.4	18
106	Incorporating fault zone head wave and direct wave secondary arrival times into seismic tomography: Application at Parkfield, California. Journal of Geophysical Research: Solid Earth, 2013, 118, 1008-1014.	3.4	18
107	Temporal and spatial evolution of hypocentres and anisotropy from the Darfield aftershock sequence: implications for fault geometry and age. New Zealand Journal of Geology, and Geophysics, 2012, 55, 287-293.	1.8	17
108	Slow slip and tremor search at Kilauea Volcano, Hawaii. Geochemistry, Geophysics, Geosystems, 2013, 14, 367-384.	2.5	17

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109	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
110	Aftershock Analysis of the 2018 MwÂ7.1 Anchorage, Alaska, Earthquake: Relocations and Regional Moment Tensors. Seismological Research Letters, 2020, 91, 114-125.	1.9	17
111	Assessment of Creep Events as Potential Earthquake Precursors: Application to the Creeping Section of the San Andreas Fault, California. Pure and Applied Geophysics, 1998, 152, 685-705.	1.9	16
112	Seismic Tomography of the Lithosphere with Body Waves. Pure and Applied Geophysics, 2003, 160, 717-737.	1.9	16
113	Seismic velocity structure and event relocation in Kazakhstan from secondary P phases. Bulletin of the Seismological Society of America, 1992, 82, 2494-2510.	2.3	16
114	Highâ€precision earthquake location and threeâ€dimensional P wave velocity determination at Redoubt Volcano, Alaska. Journal of Geophysical Research, 2007, 112, .	3.3	15
115	Highâ€resolution 3â€D P wave attenuation structure of the New Madrid Seismic Zone using local earthquake tomography. Journal of Geophysical Research: Solid Earth, 2014, 119, 409-424.	3.4	15
116	Inferring Magma Dynamics at Veniaminof Volcano Via Application of Ambient Noise. Geophysical Research Letters, 2018, 45, 11,650.	4.0	15
117	High-precision location of pre-eruption seismicity at Mount Pinatubo, Philippines, 30 Mayâ€“3 June, 1991. Physics of the Earth and Planetary Interiors, 2001, 123, 221-232.	1.9	14
118	High precision relocation of earthquakes at Iliamna Volcano, Alaska. Journal of Volcanology and Geothermal Research, 2009, 184, 323-332.	2.1	14
119	Imaging P and S Attenuation in the Sacramento-San Joaquin Delta Region, Northern California. Bulletin of the Seismological Society of America, 2014, 104, 2322-2336.	2.3	14
120	Theory and Observations â€“ Seismic Tomography and Inverse Methods. , 2007, , 323-360.		14
121	Profile of discontinuities beneath Hawaii from S to P converted seismic waves. Geophysical Research Letters, 1992, 19, 111-114.	4.0	13
122	Theory and Observations â€“ Seismic Tomography and Inverse Methods. , 2007, , 323-360.		13
123	Three-dimensional seismic velocity structure and earthquake relocations at Katmai, Alaska. Journal of Volcanology and Geothermal Research, 2014, 276, 121-131.	2.1	13
124	Multiscale Seismic Tomography and Earthquake Relocation Incorporating Differential Time Data: Application to the Maule Subduction Zone, Chile. Bulletin of the Seismological Society of America, 2014, 104, 1037-1044.	2.3	13
125	Microseismicity and Pâ€“wave tomography of the central Alpine Fault, New Zealand. New Zealand Journal of Geology, and Geophysics, 2016, 59, 483-495.	1.8	13
126	Using multicomponent ambient seismic noise cross-correlations to identify higher mode Rayleigh waves and improve dispersion measurements. Geophysical Journal International, 2020, 222, 1590-1605.	2.4	13

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127	Advances in Travel-Time Calculations for Three-Dimensional Structures. Modern Approaches in Geophysics, 2000, , 71-99.	0.1	13
128	Active Normal Faulting, Diking, and Doming Above the Rapidly Inflating Laguna del Maule Volcanic Field, Chile, Imaged With CHIRP, Magnetic, and Focal Mechanism Data. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019329.	3.4	12
129	Teleseismic Tomography of the Laguna del Maule Volcanic Field in Chile. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019449.	3.4	11
130	Integrating Magnetotelluric and Seismic Images of Silicic Magma Systems: A Case Study From the Laguna del Maule Volcanic Field, Central Chile. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020459.	3.4	11
131	Imaging shallow structure with active-source surface wave signal recorded by distributed acoustic sensing arrays. Earthquake Science, 2018, 31, 208-214.	0.9	11
132	Local earthquake tomography of the Jalisco, Mexico region. Tectonophysics, 2018, 724-725, 51-64.	2.2	10
133	Seismicity and structure of Nazca Plate subduction zone in southern Peru. Earth and Planetary Science Letters, 2018, 498, 334-347.	4.4	10
134	Complex magmatic-tectonic interactions during the 2020 Makushin Volcano, Alaska, earthquake swarm. Earth and Planetary Science Letters, 2022, 587, 117538.	4.4	10
135	Creep events preceding small to moderate earthquakes on the San Andreas fault. Nature, 1996, 380, 425-428.	27.8	9
136	Relocation of seismicity preceding the 1984 eruption of Mauna Loa Volcano, Hawaii: Delineation of a possible failed rift. Journal of Volcanology and Geothermal Research, 2003, 128, 327-339.	2.1	8
137	Observations of shear wave splitting on the southeast flank of Mauna Loa Volcano, Hawaii. Geophysical Research Letters, 1993, 20, 1139-1142.	4.0	7
138	Imaging the San Andreas Fault with explosion and earthquake sources. Eos, 1996, 77, 45.	0.1	7
139	Location of eruption-related earthquake clusters at Augustine Volcano, Alaska, using station-pair differential times. Geophysical Journal International, 2009, 176, 1017-1022.	2.4	7
140	Theory and Observations - Seismic Tomography and Inverse Methods. , 2015, , 307-337.		7
141	Three-dimensional shear wave velocity structure revealed with ambient noise tomography in the Parkfield, California region. Physics of the Earth and Planetary Interiors, 2019, 292, 67-75.	1.9	7
142	Linking Magma Storage and Ascent to Eruption Volume and Composition at an Arc Caldera. Geophysical Research Letters, 2020, 47, e2020GL088122.	4.0	7
143	Seismic tomography of compressional wave velocity and attenuation structure for Makushin Volcano, Alaska. Journal of Volcanology and Geothermal Research, 2020, 393, 106804.	2.1	7
144	Tracking Changes in Volcanic Systems with Seismic Interferometry. , 2015, , 3767-3786.		7

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145	Tracking Changes in Volcanic Systems with Seismic Interferometry. , 2014, , 1-23.		6
146	Observations of ambient noise and signal coherency on the Island of Hawaii for teleseismic studies. Bulletin of the Seismological Society of America, 1994, 84, 1229-1242.	2.3	6
147	Turning a Telecom Fiber-Optic Cable into an Ultradense Seismic Array for Rapid Postearthquake Response in an Urban Area. Seismological Research Letters, 2022, 93, 853-865.	1.9	6
148	Seismicity and Velocity Structure of LÅ•ihi Submarine Volcano and Southeastern Hawai'i. Journal of Geophysical Research: Solid Earth, 2019, 124, 11380-11393.	3.4	5
149	Double-difference seismic attenuation tomography method and its application to The Geysers geothermal field, California. Geophysical Journal International, 2021, 225, 926-949.	2.4	5
150	Hypocenter constraint with regional seismic data: A theoretical analysis for the natural resources defense council network in Kazakhstan, USSR. Journal of Geophysical Research, 1991, 96, 10159-10176.	3.3	4
151	Multinational seismic investigation focuses on Rabaul volcano. Eos, 1999, 80, 269.	0.1	4
152	A Graphics Processing Unit Implementation and Optimization for Parallel Double-Difference Seismic Tomography. Bulletin of the Seismological Society of America, 2014, 104, 953-961.	2.3	4
153	Constraining the Oceanic Lithosphere Seismogenic Zone Using Teleseismic Relocations of the 2012 Wharton Basin Great Earthquake Sequence. Journal of Geophysical Research: Solid Earth, 2019, 124, 11938-11950.	3.4	4
154	Seismic Tomography of the Lithosphere with Body Waves. , 2003, , 717-737.		4
155	Fracturing and pore-fluid distribution in the Marlborough region, New Zealand from body-wave tomography: Implications for regional understanding of the KaikÅura area. Earth and Planetary Science Letters, 2022, 593, 117666.	4.4	3
156	Modelling of near-surface seismic structure beneath Hawaii using reverberations. Geophysical Journal International, 1995, 122, 441-456.	2.4	2
157	Ground truth seismic events and location capability at Degelen mountain, Kazakhstan. Physics of the Earth and Planetary Interiors, 2002, 131, 155-171.	1.9	2
158	The Influence of Path Corrections and a Three-dimensional Global P -wave Velocity Model on Seismic Event Location in Kazakhstan. Pure and Applied Geophysics, 2003, 160, 2239-2255.	1.9	2
159	Alongâ€Strike Variations in Fault Frictional Properties along the San Andreas Fault near Cholame, California, from Joint Earthquake and Lowâ€Frequency Earthquake Relocations. Bulletin of the Seismological Society of America, 2016, 106, 319-326.	2.3	2
160	Realâ€Time Earthquake Monitoring during the Second Phase of the Deep Fault Drilling Project, Alpine Fault, New Zealand. Seismological Research Letters, 2017, 88, 1443-1454.	1.9	2
161	Iterative Methods. , 2019, , 151-179.		2
162	Ambient noise tomography of the Katmai volcanic area, Alaska. Journal of Volcanology and Geothermal Research, 2021, 419, 107373.	2.1	2

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163	Comment on â€œA search for seismic reflections from the top of the oceanic crust beneath Hawaiiâ€•by D. E. James and M. K. Savage. Bulletin of the Seismological Society of America, 1991, 81, 1030-1034.	2.3	2
164	Temporal Changes in Seismic Velocity and Attenuation at The Geysers Geothermal Field, California, From Doubleâ€Difference Tomography. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	2
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166	Comment on â€œThe effect of velocity structure errors on double-difference earthquake locationâ€•by A. Michelini and A. Lomax. Geophysical Research Letters, 2004, 31, .	4.0	1
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