

# Thomas H Jordan

## List of Publications by Year in descending order

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168  
papers

17,375  
citations

9756

73  
h-index

14702

127  
g-index

170  
all docs

170  
docs citations

170  
times ranked

6154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Present-day plate motions. <i>Journal of Geophysical Research</i> , 1978, 83, 5331-5354.	3.3	1,983
2	Composition and development of the continental tectosphere. <i>Nature</i> , 1978, 274, 544-548.	13.7	754
3	Numerical Modelling of Instantaneous Plate Tectonics. <i>Geophysical Journal International</i> , 1974, 36, 541-576.	1.0	726
4	The continental tectosphere. <i>Reviews of Geophysics</i> , 1975, 13, 1-12.	9.0	599
5	Uniform California Earthquake Rupture Forecast, Version 3 (UCERF3)–The Time-Independent Model. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 1122-1180.	1.1	424
6	Stochastic Modeling of Seafloor Morphology: Inversion of Sea Beam Data for Second-Order Statistics. <i>Journal of Geophysical Research</i> , 1988, 93, 13589-13608.	3.3	405
7	Structure and Formation of the Continental Tectosphere. <i>Journal of Petrology</i> , 1988, Special_Volume, 11-37.	1.1	334
8	CyberShake: A Physics-Based Seismic Hazard Model for Southern California. <i>Pure and Applied Geophysics</i> , 2011, 168, 367-381.	0.8	326
9	Aspherical Earth structure from fundamental spheroidal-mode data. <i>Nature</i> , 1982, 298, 609-613.	13.7	306
10	Slab penetration into the lower mantle. <i>Journal of Geophysical Research</i> , 1984, 89, 3031-3049.	3.3	269
11	Slab penetration into the lower mantle beneath the Mariana and other island arcs of the northwest Pacific. <i>Journal of Geophysical Research</i> , 1986, 91, 3573-3589.	3.3	265
12	Space geodetic measurement of crustal deformation in central and southern California, 1984–1992. <i>Journal of Geophysical Research</i> , 1993, 98, 21677-21712.	3.3	247
13	The present-day motions of the Caribbean Plate. <i>Journal of Geophysical Research</i> , 1975, 80, 4433-4439.	3.3	246
14	Uniform California Earthquake Rupture Forecast, Version 2 (UCERF 2). <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2053-2107.	1.1	239
15	Mantle layering from <i>ScS</i> reverberations: 3. The upper mantle. <i>Journal of Geophysical Research</i> , 1991, 96, 19781-19810.	3.3	232
16	Mantle layering from <i>ScS</i> reverberations: 2. The transition zone. <i>Journal of Geophysical Research</i> , 1991, 96, 19763-19780.	3.3	230
17	Lehmann Discontinuity as the Base of an Anisotropic Layer Beneath Continents. <i>Science</i> , 1995, 268, 1468-1471.	6.0	220
18	Full 3D Tomography for the Crustal Structure of the Los Angeles Region. <i>Bulletin of the Seismological Society of America</i> , 2007, 97, 1094-1120.	1.1	206

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19	Earthquake Predictability, Brick by Brick. <i>Seismological Research Letters</i> , 2006, 77, 3-6.	0.8	201
20	Full 3-D tomography for crustal structure in Southern California based on the scattering integral and the adjoint wavefield methods. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 6421-6451.	1.4	195
21	Composition and Evolution of the Mantle and Core. <i>Science</i> , 1971, 171, 1103-1112.	6.0	193
22	Community Fault Model (CFM) for Southern California. <i>Bulletin of the Seismological Society of America</i> , 2007, 97, 1793-1802.	1.1	188
23	Three-dimensional Frechet differential kernels for seismic delay times. <i>Geophysical Journal International</i> , 2000, 141, 558-576.	1.0	187
24	Foreshock sequences and short-term earthquake predictability on East Pacific Rise transform faults. <i>Nature</i> , 2005, 434, 457-461.	13.7	185
25	Long-Term Time-Dependent Probabilities for the Third Uniform California Earthquake Rupture Forecast (UCERF3). <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 511-543.	1.1	184
26	Mineralogies, densities and seismic velocities of garnet lherzolites and their geophysical implications. <i>Journal of Geophysical Research</i> , 1979, 84, 1-14.		175
27	Vector constraints on western U.S. deformation from space geodesy, neotectonics, and plate motions. <i>Journal of Geophysical Research</i> , 1987, 92, 4798-4804.	3.3	172
28	Seismic structure of the upper mantle in a central Pacific corridor. <i>Journal of Geophysical Research</i> , 1996, 101, 22291-22309.	3.3	170
29	Aspherical structure of the core-mantle boundary from PKP travel times. <i>Geophysical Research Letters</i> , 1986, 13, 1497-1500.	1.5	167
30	A procedure for estimating lateral variations from low-frequency eigenspectra data. <i>Geophysical Journal International</i> , 1978, 52, 441-455.	1.0	153
31	Unified Structural Representation of the southern California crust and upper mantle. <i>Earth and Planetary Science Letters</i> , 2015, 415, 1-15.	1.8	149
32	Testing alarm-based earthquake predictions. <i>Geophysical Journal International</i> , 2008, 172, 715-724.	1.0	148
33	Generalized seismological data functionals. <i>Geophysical Journal International</i> , 1992, 111, 363-390.	1.0	146
34	Seamount statistics in the Pacific Ocean. <i>Journal of Geophysical Research</i> , 1988, 93, 2899-2918.	3.3	145
35	Optimal estimation of scalar seismic moment. <i>Geophysical Journal of the Royal Astronomical Society</i> , 1982, 70, 755-787.	0.2	142
36	Seismological structure of the upper mantle: a regional comparison of seismic layering. <i>Physics of the Earth and Planetary Interiors</i> , 1999, 110, 21-41.	0.7	138

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37	Searching for slow and silent earthquakes using free oscillations. <i>Journal of Geophysical Research</i> , 1990, 95, 2485-2510.	3.3	132
38	Colorado Plateau magmatism and uplift by warming of heterogeneous lithosphere. <i>Nature</i> , 2009, 459, 978-982.	13.7	129
39	Full three-dimensional tomography: a comparison between the scattering-integral and adjoint-wavefield methods. <i>Geophysical Journal International</i> , 2007, 170, 175-181.	1.0	126
40	How are vertical shear wave splitting measurements affected by variations in the orientation of azimuthal anisotropy with depth?. <i>Geophysical Journal International</i> , 2000, 141, 374-390.	1.0	125
41	A velocity anomaly in the lower mantle. <i>Journal of Geophysical Research</i> , 1974, 79, 2679-2685.	3.3	119
42	Total moment spectra of fourteen large earthquakes. <i>Journal of Geophysical Research</i> , 1983, 88, 3273-3293.	3.3	119
43	Predominance of Unilateral Rupture for a Global Catalog of Large Earthquakes. <i>Bulletin of the Seismological Society of America</i> , 2002, 92, 3309-3317.	1.1	115
44	Operational Earthquake Forecasting: Some Thoughts on Why and How. <i>Seismological Research Letters</i> , 2010, 81, 571-574.	0.8	114
45	The ShakeOut earthquake scenario: Verification of three simulation sets. <i>Geophysical Journal International</i> , 2010, 180, 375-404.	1.0	112
46	Seismicity in Deep Gold Mines of South Africa: Implications for Tectonic Earthquakes. <i>Bulletin of the Seismological Society of America</i> , 2002, 92, 1766-1782.	1.1	110
47	Frechet Kernels for Imaging Regional Earth Structure Based on Three-Dimensional Reference Models. <i>Bulletin of the Seismological Society of America</i> , 2005, 95, 2066-2080.	1.1	110
48	Scalable Earthquake Simulation on Petascale Supercomputers. , 2010, , .		110
49	How Thick Are the Continents?. <i>Journal of Geophysical Research</i> , 1987, 92, 14007-14026.	3.3	107
50	A Spatiotemporal Clustering Model for the Third Uniform California Earthquake Rupture Forecast (UCERF3â€”ETAS): Toward an Operational Earthquake Forecast. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 1049-1081.	1.1	107
51	Operational Earthquake Forecasting Can Enhance Earthquake Preparedness. <i>Seismological Research Letters</i> , 2014, 85, 955-959.	0.8	105
52	First Results of the Regional Earthquake Likelihood Models Experiment. <i>Pure and Applied Geophysics</i> , 2010, 167, 859-876.	0.8	101
53	Crustal and upper mantle structure from <i>S</i> <sub>p</sub> phases. <i>Journal of Geophysical Research</i> , 1975, 80, 1504-1518.	3.3	100
54	High-resolution, two-dimensional vertical tomography of the central Pacific mantle using <i>S</i> <sub>s</sub> reverberations and frequency-dependent travel times. <i>Journal of Geophysical Research</i> , 1998, 103, 17933-17971.	3.3	98

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55	Teleseismic Search for Slow Precursors to Large Earthquakes. <i>Science</i> , 1994, 266, 1547-1551.	6.0	96
56	Broadband simulations for $M_w > 7.8$ southern San Andreas earthquakes: Ground motion sensitivity to rupture speed. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	95
57	Earth structure from fundamental and higher-mode waveform analysis. <i>Geophysical Journal International</i> , 1983, 75, 759-797.	1.0	94
58	Lateral heterogeneity of the upper mantle determined from the travel times of multiple <i>ScS</i> . <i>Journal of Geophysical Research</i> , 1976, 81, 6307-6320.	3.3	93
59	Geodetic measurement of tectonic deformation in the Santa Maria Fold and Thrust Belt, California. <i>Journal of Geophysical Research</i> , 1990, 95, 2679-2699.	3.3	93
60	Distribution of seismicity across strike-slip faults in California. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	93
61	Strain Green's Tensors, Reciprocity, and Their Applications to Seismic Source and Structure Studies. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 1753-1763.	1.1	91
62	A study of mantle layering beneath the western Pacific. <i>Journal of Geophysical Research</i> , 1989, 94, 5787-5813.	3.3	90
63	Stability and dynamics of the continental tectosphere. <i>Lithos</i> , 1999, 48, 115-133.	0.6	86
64	Physics of multiscale convection in Earth's mantle: Onset of sublithospheric convection. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	85
65	Bayesian Forecast Evaluation and Ensemble Earthquake Forecasting. <i>Bulletin of the Seismological Society of America</i> , 2012, 102, 2574-2584.	1.1	85
66	Lateral heterogeneity of the upper mantle determined from the travel times of <i>ScS</i> . <i>Journal of Geophysical Research</i> , 1975, 80, 1474-1484.	3.3	84
67	Structure of the Kaapvaal Craton from surface waves. <i>Geophysical Research Letters</i> , 2001, 28, 2489-2492.	1.5	84
68	TeraShake2: Spontaneous Rupture Simulations of Mw 7.7 Earthquakes on the Southern San Andreas Fault. <i>Bulletin of the Seismological Society of America</i> , 2008, 98, 1162-1185.	1.1	84
69	Density and size distribution of seamounts in the eastern Pacific inferred from wide-beam sounding data. <i>Journal of Geophysical Research</i> , 1983, 88, 10508-10518.	3.3	82
70	Regional Earthquake Likelihood Models I: First-Order Results. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 787-798.	1.1	82
71	The Collaboratory for the Study of Earthquake Predictability perspective on computational earthquake science. <i>Concurrency Computation Practice and Experience</i> , 2010, 22, 1836-1847.	1.4	81
72	Lateral heterogeneity and mantle dynamics. <i>Nature</i> , 1975, 257, 745-750.	13.7	80

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73	Mantle layering from <i>ScS</i> reverberations: 1. Waveform inversion of zeroth-order reverberations. <i>Journal of Geophysical Research</i> , 1991, 96, 19749-19762.	3.3	79
74	The Collaboratory for the Study of Earthquake Predictability: Achievements and Priorities. <i>Seismological Research Letters</i> , 2018, 89, 1305-1313.	0.8	79
75	A Synoptic View of the Third Uniform California Earthquake Rupture Forecast (UCERF3). <i>Seismological Research Letters</i> , 2017, 88, 1259-1267.	0.8	78
76	Mapping the Tonga Slab. <i>Journal of Geophysical Research</i> , 1991, 96, 14403-14427.	3.3	76
77	Sensitivity of frequency-dependent traveltimes to laterally heterogeneous, anisotropic Earth structure. <i>Geophysical Journal International</i> , 1998, 133, 683-704.	1.0	74
78	Seismic constraints on the morphology of deep slabs. <i>Journal of Geophysical Research</i> , 1988, 93, 4773-4783.	3.3	70
79	Validation of the SCEC Broadband Platform V14.3 Simulation Methods Using Pseudospectral Acceleration Data. <i>Seismological Research Letters</i> , 2015, 86, 39-47.	0.8	70
80	Testing for ontological errors in probabilistic forecasting models of natural systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11973-11978.	3.3	69
81	Comparisons Between Seismic Earth Structures and Mantle Flow Models Based on Radial Correlation Functions. <i>Science</i> , 1993, 261, 1427-1431.	6.0	65
82	Seismicity and tectonic stress in the south-central Pacific. <i>Journal of Geophysical Research</i> , 1980, 85, 6479-6495.	3.3	64
83	Teleseismic inversion for the second-degree moments of earthquake space-time distributions. <i>Geophysical Journal International</i> , 2001, 145, 661-678.	1.0	64
84	Multiple <i>ScS</i> travel times in the western Pacific: Implications for mantle heterogeneity. <i>Journal of Geophysical Research</i> , 1980, 85, 853-861.	3.3	62
85	Estimation of the attenuation operator for multiple <i>ScS</i> waves. <i>Geophysical Research Letters</i> , 1977, 4, 167-170.	1.5	61
86	The Deep Structure of the Continents. <i>Scientific American</i> , 1979, 240, 92-107.	1.0	60
87	Fundamental spheroidal mode observations of aspherical heterogeneity. <i>Geophysical Journal of the Royal Astronomical Society</i> , 1981, 64, 605-634.	0.2	60
88	The SCEC Unified Community Velocity Model Software Framework. <i>Seismological Research Letters</i> , 2017, 88, 1539-1552.	0.8	60
89	The Potential Uses of Operational Earthquake Forecasting: Table 1. <i>Seismological Research Letters</i> , 2016, 87, 313-322.	0.8	51
90	Structural geology of the Earth's interior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979, 76, 4192-4200.	3.3	48

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91	The continental tectosphere and Earth's long-wavelength gravity field. <i>Lithos</i> , 1999, 48, 135-152.	0.6	48
92	Scaling up workflow-based applications. <i>Journal of Computer and System Sciences</i> , 2010, 76, 428-446.	0.9	48
93	The Forecasting Skill of Physics-Based Seismicity Models during the 2010-2012 Canterbury, New Zealand, Earthquake Sequence. <i>Seismological Research Letters</i> , 2018, 89, 1238-1250.	0.8	47
94	Some comments on tidal drag as a mechanism for driving plate motions. <i>Journal of Geophysical Research</i> , 1974, 79, 2141-2142.	3.3	46
95	Mantle layering from <i>ScS</i> reverberations: 4. The lower mantle and core-mantle boundary. <i>Journal of Geophysical Research</i> , 1991, 96, 19811-19824.	3.3	42
96	Physics of multiscale convection in Earth's mantle: Evolution of sublithospheric convection. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	42
97	A physics-based earthquake simulator replicates seismic hazard statistics across California. <i>Science Advances</i> , 2018, 4, eaau0688.	4.7	41
98	The size distribution of Pacific Seamounts. <i>Geophysical Research Letters</i> , 1987, 14, 1119-1122.	1.5	39
99	Managing Large-Scale Workflow Execution from Resource Provisioning to Provenance Tracking: The CyberShake Example. , 2006, , .		39
100	Observations of first-order mantle reverberations. <i>Bulletin of the Seismological Society of America</i> , 1987, 77, 1704-1717.	1.1	38
101	Loss Estimates for a Puente Hills Blind-Thrust Earthquake in Los Angeles, California. <i>Earthquake Spectra</i> , 2005, 21, 329-338.	1.6	37
102	Rapid full-wave centroid moment tensor (CMT) inversion in a three-dimensional earth structure model for earthquakes in Southern California. <i>Geophysical Journal International</i> , 2011, 186, 311-330.	1.0	37
103	Stochastic modeling of seafloor morphology: A parameterized Gaussian model. <i>Geophysical Research Letters</i> , 1989, 16, 45-48.	1.5	35
104	Further evidence for the compound nature of slow earthquakes: The Prince Edward Island earthquake of April 28, 1997. <i>Journal of Geophysical Research</i> , 2000, 105, 7819-7827.	3.3	33
105	Moment-tensor spectra of the 19 Sept 85 and 21 Sept 85 Michoacan, Mexico, earthquakes. <i>Geophysical Research Letters</i> , 1986, 13, 609-612.	1.5	32
106	On the state of sublithospheric upper mantle beneath a supercontinent. <i>Geophysical Journal International</i> , 2002, 149, 179-189.	1.0	31
107	Far-field detection of slow precursors to fast seismic ruptures. <i>Geophysical Research Letters</i> , 1991, 18, 2019-2022.	1.5	30
108	Seismic strain rate and deep slab deformation in Tonga. <i>Journal of Geophysical Research</i> , 1991, 96, 14429-14444.	3.3	30

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109	Metrics for heterogeneous scientific workflows: A case study of an earthquake science application. <i>International Journal of High Performance Computing Applications</i> , 2011, 25, 274-285.	2.4	30
110	Low-frequency noise observations in the deep ocean. <i>Journal of the Acoustical Society of America</i> , 1986, 80, 633-645.	0.5	28
111	Polarization anisotropy and fine-scale structure of the Eurasian Upper Mantle. <i>Geophysical Research Letters</i> , 1988, 15, 824-827.	1.5	28
112	Seismic structure of the upper mantle beneath the western Philippine Sea. <i>Physics of the Earth and Planetary Interiors</i> , 1999, 110, 263-283.	0.7	28
113	Testing plausible upper-mantle compositions using fine-scale models of the 410-km discontinuity. <i>Geophysical Research Letters</i> , 1999, 26, 1641-1644.	1.5	28
114	The Area Skill Score Statistic for Evaluating Earthquake Predictability Experiments. <i>Pure and Applied Geophysics</i> , 2010, 167, 893-906.	0.8	28
115	How stratified is mantle convection?. <i>Journal of Geophysical Research</i> , 1997, 102, 7625-7646.	3.3	26
116	Structural sensitivities of finite-frequency seismic waves: a full-wave approach. <i>Geophysical Journal International</i> , 2006, 165, 981-990.	1.0	26
117	Toward Physics-Based Nonergodic PSHA: A Prototype Fully Deterministic Seismic Hazard Model for Southern California. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 898-915.	1.1	26
118	On "steady-state"™ heat flow and the rheology of oceanic mantle. <i>Geophysical Research Letters</i> , 2002, 29, 13-1-13-4.	1.5	24
119	Measuring Crustal Deformation in the American West. <i>Scientific American</i> , 1988, 259, 48-55.	1.0	22
120	Highlights from the First Ten Years of the New Zealand Earthquake Forecast Testing Center. <i>Seismological Research Letters</i> , 2018, 89, 1229-1237.	0.8	22
121	Comparison of a stochastic seafloor model with SeaMARC II Bathymetry and Sea Beam data near the East Pacific Rise 13°N-15°N. <i>Journal of Geophysical Research</i> , 1991, 96, 3867-3885.	3.3	21
122	Quantifying the distribution and transport of pelagic sediments on young abyssal hills. <i>Geophysical Research Letters</i> , 1993, 20, 2203-2206.	1.5	21
123	Onset of convection with temperature- and depth-dependent viscosity. <i>Geophysical Research Letters</i> , 2002, 29, 29-1-29-4.	1.5	21
124	Mantle convection experiments with evolving plates. <i>Geophysical Research Letters</i> , 1995, 22, 2223-2226.	1.5	20
125	Pelagic sedimentation on rough seafloor topography 1. Forward Model. <i>Journal of Geophysical Research</i> , 2001, 106, 30433-30449.	3.3	20
126	Reducing Time-to-Solution Using Distributed High-Throughput Mega-Workflows - Experiences from SCEC CyberShake. , 2008, , .		19



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127	Time-Dependent Renewal Model Probabilities When Date of Last Earthquake is Unknown. Bulletin of the Seismological Society of America, 2015, 105, 459-463.	1.1	19
128	Stochastic analysis of mantle convection experiments using two-point correlation functions. Geophysical Research Letters, 1994, 21, 305-308.	1.5	18
129	Resolving fault plane ambiguity for small earthquakes. Geophysical Journal International, 2010, 181, 493-501.	1.0	18
130	Effects of vertical boundaries on infinite Prandtl number thermal convection. Geophysical Journal International, 2001, 147, 639-659.	1.0	17
131	Stochastic analysis of shear-wave splitting length scales. Earth and Planetary Science Letters, 2007, 259, 526-540.	1.8	17
132	Characterization of mantle convection experiments using two-point correlation functions. Journal of Geophysical Research, 1995, 100, 6351-6365.	3.3	16
133	Linear stability analysis of Richter rolls. Geophysical Research Letters, 2003, 30, .	1.5	16
134	Operational Earthquake Forecasting during the 2019 Ridgecrest, California, Earthquake Sequence with the UCERF3-ETAS Model. Seismological Research Letters, 2020, 91, 1567-1578.	0.8	16
135	Toward petascale earthquake simulations. Acta Geotechnica, 2009, 4, 79-93.	2.9	14
136	Convergence depths of tectonic regions from an ensemble of global tomographic models. Journal of Geophysical Research: Solid Earth, 2013, 118, 4196-4225.	1.4	14
137	Tectonic Regionalization of the Southern California Crust From Tomographic Cluster Analysis. Journal of Geophysical Research: Solid Earth, 2019, 124, 11840-11865.	1.4	14
138	An effective medium theory for three-dimensional elastic heterogeneities. Geophysical Journal International, 2015, 203, 1343-1354.	1.0	13
139	Enabling Very-Large Scale Earthquake Simulations on Parallel Machines. Lecture Notes in Computer Science, 2007, , 46-53.	1.0	13
140	Source time function of the Great 1994 Bolivia Deep Earthquake by waveform and spectral inversions. Geophysical Research Letters, 1995, 22, 2253-2256.	1.5	12
141	Visual Insights into High-Resolution Earthquake Simulations. IEEE Computer Graphics and Applications, 2007, 27, 28-34.	1.0	12
142	Stability and dynamics of the continental tectosphere. Developments in Geotectonics, 1999, 24, 115-133.	0.3	11
143	Rupture dimensions of the 1998 Antarctic Earthquake from low-frequency waves. Geophysical Research Letters, 2000, 27, 2305-2308.	1.5	11
144	Perturbation kernels for generalized seismological data functionals (GSDF). Geophysical Journal International, 2010, 183, 869-883.	1.0	11

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145	Experimental concepts for testing probabilistic earthquake forecasting and seismic hazard models. <i>Geophysical Journal International</i> , 2018, 215, 780-798.	1.0	11
146	Pelagic sedimentation on rough seafloor topography 2. Inversion results from the North Atlantic Acoustic Reverberation Corridor. <i>Journal of Geophysical Research</i> , 2001, 106, 30451-30473.	3.3	10
147	Frequency-Dependent Attenuation of <i>P</i> and <i>S</i> Waves in Southern California. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5814-5830.	1.4	10
148	The TeraShake Computational Platform for Large-Scale Earthquake Simulations. <i>Lecture Notes in Earth Sciences</i> , 2009, , 229-277.	0.5	10
149	Beyond Plate Tectonics: Looking at Plate Deformation with Space Geodesy. , 1988, , 341-350.		8
150	A unified probabilistic framework for volcanic hazard and eruption forecasting. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 3509-3517.	1.5	8
151	First Results of the Regional Earthquake Likelihood Models Experiment. , 2010, , 5-22.		7
152	The continental tectosphere and Earth's long-wavelength gravity field. <i>Developments in Geotectonics</i> , 1999, 24, 135-152.	0.3	5
153	Varena workshop report. Operational earthquake forecasting and decision making. <i>Annals of Geophysics</i> , 2015, 58, .	0.5	5
154	Stochastic representations of seismic anisotropy: transversely isotropic effective media models. <i>Geophysical Journal International</i> , 2017, 209, 1831-1850.	1.0	4
155	Representation of complex seismic sources by orthogonal moment-tensor fields. <i>Geophysical Journal International</i> , 2019, 216, 1867-1889.	1.0	4
156	Effective-Medium Models of Inner-Core Anisotropy. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5793-5813.	1.4	3
157	Lithosphere-asthenosphere boundary. <i>Geology</i> , 1976, 4, 770.	2.0	2
158	Beyond Plate Tectonics: Looking at Plate Deformation with Space Geodesy. <i>Symposium - International Astronomical Union</i> , 1988, 129, 341-350.	0.1	2
159	Reply [to "Comment on "Mantle layering from <i>ScS</i> reverberations, 2, The transition zone" by Justin Revenaugh and Thomas H. Jordan]. <i>Journal of Geophysical Research</i> , 1992, 97, 17549-17551.	3.3	2
160	Complexities of Transform Fault Plate Boundaries in the Oceans. <i>Geodynamic Series</i> , 2013, , 219-241.	0.1	2
161	rGAHP. , 2017, , .		2
162	Stress-strain characterization of seismic source fields using moment measures of mechanism complexity. <i>Geophysical Journal International</i> , 2021, 227, 591-616.	1.0	2

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163	The Area Skill Score Statistic for Evaluating Earthquake Predictability Experiments. , 2010, , 39-52.		2
164	Reply [to "Comment on "Crustal and upper mantle structure from <i>S<sub>p</sub></i> phases" by Thomas H. Jordan and L. Neil Frazer]. Journal of Geophysical Research, 1980, 85, 381-382.	3.3	1
165	Some Speculations on Continental Evolution. , 1989, , 259-276.		1
166	Lateral variations in shear velocity and attenuation in the upper mantle. Tectonophysics, 1979, 56, 97.	0.9	0
167	Scapegoat shocker. New Scientist, 2011, 211, 34-35.	0.0	0
168	Frank Press, A life of magnitude. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9138-9141.	3.3	0