

Thomas H Jordan

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166
papers

14,280
citations

67
h-index

117
g-index

170
ext. papers

15,523
ext. citations

6.5
avg, IF

6.45
L-index

#	Paper	IF	Citations
166	Present-day plate motions. <i>Journal of Geophysical Research</i> , 1978 , 83, 5331		1765
165	Composition and development of the continental tectosphere. <i>Nature</i> , 1978 , 274, 544-548	50.4	674
164	Numerical Modelling of Instantaneous Plate Tectonics. <i>Geophysical Journal International</i> , 1974 , 36, 541-576		654
163	The continental tectosphere. <i>Reviews of Geophysics</i> , 1975 , 13, 1	23.1	541
162	Stochastic Modeling of Seafloor Morphology: Inversion of Sea Beam Data for Second-Order Statistics. <i>Journal of Geophysical Research</i> , 1988 , 93, 13589-13608		319
161	Structure and Formation of the Continental Tectosphere. <i>Journal of Petrology</i> , 1988 , Special_Volume, 11-37	3.9	290
160	Aspherical Earth structure from fundamental spheroidal-mode data. <i>Nature</i> , 1982 , 298, 609-613	50.4	278
159	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	2.3	276
158	Slab penetration into the lower mantle. <i>Journal of Geophysical Research</i> , 1984 , 89, 3031-3049		241
157	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		241
156	CyberShake: A Physics-Based Seismic Hazard Model for Southern California. <i>Pure and Applied Geophysics</i> , 2011 , 168, 367-381	2.2	224
155	Space geodetic measurement of crustal deformation in central and southern California, 1984-1992. <i>Journal of Geophysical Research</i> , 1993 , 98, 21677-21712		216
154	The present-day motions of the Caribbean Plate. <i>Journal of Geophysical Research</i> , 1975 , 80, 4433-4439		213
153	Mantle layering from ScS reverberations: 2. The transition zone. <i>Journal of Geophysical Research</i> , 1991 , 96, 19763-19780		205
152	Mantle layering from ScS reverberations: 3. The upper mantle. <i>Journal of Geophysical Research</i> , 1991 , 96, 19781-19810		199
151	Lehmann discontinuity as the base of an anisotropic layer beneath continents. <i>Science</i> , 1995 , 268, 1468-1471	33.3	190
150	Composition and evolution of the mantle and core. <i>Science</i> , 1971 , 171, 1103-12	33.3	170

149	Three-dimensional Frechet differential kernels for seismic delay times. <i>Geophysical Journal International</i> , 2000 , 141, 558-576	2.6	169
148	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	2.3	160
147	Uniform California Earthquake Rupture Forecast, Version 2 (UCERF 2). <i>Bulletin of the Seismological Society of America</i> , 2009 , 99, 2053-2107	2.3	152
146	Aspherical structure of the core-mantle boundary from PKP travel times. <i>Geophysical Research Letters</i> , 1986 , 13, 1497-1500	4.9	152
145	Mineralogies, Densities and Seismic Velocities of Garnet Lherzolites and their Geophysical Implications 1979 , 1-14		151
144	Vector constraints on western U.S. deformation from space geodesy, neotectonics, and plate motions. <i>Journal of Geophysical Research</i> , 1987 , 92, 4798		145
143	Seismic structure of the upper mantle in a central Pacific corridor. <i>Journal of Geophysical Research</i> , 1996 , 101, 22291-22309		143
142	Foreshock sequences and short-term earthquake predictability on East Pacific Rise transform faults. <i>Nature</i> , 2005 , 434, 457-61	50.4	142
141	A procedure for estimating lateral variations from low-frequency eigenspectra data. <i>Geophysical Journal International</i> , 1978 , 52, 441-455	2.6	141
140	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	3.6	130
139	Earthquake Predictability, Brick by Brick. <i>Seismological Research Letters</i> , 2006 , 77, 3-6	3	130
138	Community Fault Model (CFM) for Southern California. <i>Bulletin of the Seismological Society of America</i> , 2007 , 97, 1793-1802	2.3	128
137	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	2.3	127
136	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	2.3	124
135	Generalized seismological data functionals. <i>Geophysical Journal International</i> , 1992 , 111, 363-390	2.6	124
134	Seamount statistics in the Pacific Ocean. <i>Journal of Geophysical Research</i> , 1988 , 93, 2899		122
133	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	2.6	118
132	Colorado Plateau magmatism and uplift by warming of heterogeneous lithosphere. <i>Nature</i> , 2009 , 459, 978-82	50.4	113

131	Searching for slow and silent earthquakes using free oscillations. <i>Journal of Geophysical Research</i> , 1990 , 95, 2485		110
130	A velocity anomaly in the lower mantle. <i>Journal of Geophysical Research</i> , 1974 , 79, 2679-2685		110
129	Unified Structural Representation of the southern California crust and upper mantle. <i>Earth and Planetary Science Letters</i> , 2015 , 415, 1-15	5.3	107
128	Optimal estimation of scalar seismic moment. <i>Geophysical Journal of the Royal Astronomical Society</i> , 1982 , 70, 755-787		104
127	Testing alarm-based earthquake predictions. <i>Geophysical Journal International</i> , 2008 , 172, 715-724	2.6	103
126	Full three-dimensional tomography: a comparison between the scattering-integral and adjoint-wavefield methods. <i>Geophysical Journal International</i> , 2007 , 170, 175-181	2.6	101
125	Total-moment spectra of fourteen large earthquakes. <i>Journal of Geophysical Research</i> , 1983 , 88, 3273		100
124	How Thick Are the Continents?. <i>Journal of Geophysical Research</i> , 1987 , 92, 14007-14026		97
123	Lateral heterogeneity of the upper mantle determined from the travel times of multiple ScS. <i>Journal of Geophysical Research</i> , 1976 , 81, 6307-6320		91
122	The ShakeOut earthquake scenario: Verification of three simulation sets. <i>Geophysical Journal International</i> , 2010 , 180, 375-404	2.6	90
121	Crustal and upper mantle structure from Sp phases. <i>Journal of Geophysical Research</i> , 1975 , 80, 1504-1518		90
120	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	2.3	86
119	A study of mantle layering beneath the western Pacific. <i>Journal of Geophysical Research</i> , 1989 , 94, 5787		86
118	Predominance of Unilateral Rupture for a Global Catalog of Large Earthquakes. <i>Bulletin of the Seismological Society of America</i> , 2002 , 92, 3309-3317	2.3	84
117	Stability and dynamics of the continental tectosphere. <i>Lithos</i> , 1999 , 48, 115-133	2.9	84
116	High-resolution, two-dimensional vertical tomography of the central Pacific mantle using ScS reverberations and frequency-dependent travel times. <i>Journal of Geophysical Research</i> , 1998 , 103, 17933-17971		82
115	Earth structure from fundamental and higher-mode waveform analysis. <i>Geophysical Journal International</i> , 1983 , 75, 759-797	2.6	82
114	Teleseismic search for slow precursors to large earthquakes. <i>Science</i> , 1994 , 266, 1547-51	33.3	80

113	Geodetic measurement of tectonic deformation in the Santa Maria Fold and Thrust Belt, California. <i>Journal of Geophysical Research</i> , 1990 , 95, 2679		79
112	First Results of the Regional Earthquake Likelihood Models Experiment. <i>Pure and Applied Geophysics</i> , 2010 , 167, 859-876	2.2	78
111	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	2.3	77
110	Lateral heterogeneity and mantle dynamics. <i>Nature</i> , 1975 , 257, 745-750	50.4	75
109	Physics of multiscale convection in Earth's mantle: Onset of sublithospheric convection. <i>Journal of Geophysical Research</i> , 2003 , 108,		74
108	Structure of the Kaapvaal Craton from surface waves. <i>Geophysical Research Letters</i> , 2001 , 28, 2489-2492	4.9	74
107	Mantle layering from ScS reverberations: 1. Waveform inversion of zeroth-order reverberations. <i>Journal of Geophysical Research</i> , 1991 , 96, 19749-19762		72
106	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		72
105	Lateral heterogeneity of the upper mantle determined from the travel times of ScS. <i>Journal of Geophysical Research</i> , 1975 , 80, 1474-1484		72
104	A Spatiotemporal Clustering Model for the Third Uniform California Earthquake Rupture Forecast (UCERF3-ETAS): Toward an Operational Earthquake Forecast. <i>Bulletin of the Seismological Society of America</i> , 2017 , 107, 1049-1081	2.3	71
103	Mapping the Tonga Slab. <i>Journal of Geophysical Research</i> , 1991 , 96, 14403-14427		71
102	Scalable Earthquake Simulation on Petascale Supercomputers 2010 ,		70
101	Sensitivity of frequency-dependent traveltimes to laterally heterogeneous, anisotropic Earth structure. <i>Geophysical Journal International</i> , 1998 , 133, 683-704	2.6	69
100	The Collaboratory for the Study of Earthquake Predictability perspective on computational earthquake science. <i>Concurrency Computation Practice and Experience</i> , 2009 , 22, 1836-1847	1.4	67
99	Operational Earthquake Forecasting: Some Thoughts on Why and How. <i>Seismological Research Letters</i> , 2010 , 81, 571-574	3	66
98	Distribution of seismicity across strike-slip faults in California. <i>Journal of Geophysical Research</i> , 2010 , 115,		66
97	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	2.3	64
96	Seismic constraints on the morphology of deep slabs. <i>Journal of Geophysical Research</i> , 1988 , 93, 4773-4783		64

95	Seismicity and tectonic stress in the south-central Pacific. <i>Journal of Geophysical Research</i> , 1980 , 85, 6479-6495	61
94	Operational Earthquake Forecasting Can Enhance Earthquake Preparedness. <i>Seismological Research Letters</i> , 2014 , 85, 955-959	3 60
93	Estimation of the attenuation operator for multiple ScS waves. <i>Geophysical Research Letters</i> , 1977 , 4, 167-170	4.9 60
92	Multiple ScS travel times in the western Pacific: Implications for mantle heterogeneity. <i>Journal of Geophysical Research</i> , 1980 , 85, 853	58
91	Fundamental spheroidal mode observations of aspherical heterogeneity. <i>Geophysical Journal of the Royal Astronomical Society</i> , 1981 , 64, 605-634	58
90	Comparisons between seismic Earth structures and mantle flow models based on radial correlation functions. <i>Science</i> , 1993 , 261, 1427-31	33.3 57
89	A Synoptic View of the Third Uniform California Earthquake Rupture Forecast (UCERF3). <i>Seismological Research Letters</i> , 2017 , 88, 1259-1267	3 56
88	Broadband simulations for Mw 7.8 southern San Andreas earthquakes: Ground motion sensitivity to rupture speed. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9 55
87	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	2.3 54
86	Regional Earthquake Likelihood Models I: First-Order Results. <i>Bulletin of the Seismological Society of America</i> , 2013 , 103, 787-798	2.3 53
85	Teleseismic inversion for the second-degree moments of earthquake space-time distributions. <i>Geophysical Journal International</i> , 2001 , 145, 661-678	2.6 53
84	Bayesian Forecast Evaluation and Ensemble Earthquake Forecasting. <i>Bulletin of the Seismological Society of America</i> , 2012 , 102, 2574-2584	2.3 51
83	The Deep Structure of the Continents. <i>Scientific American</i> , 1979 , 240, 92-107	0.5 49
82	The continental tectosphere and Earth's long-wavelength gravity field. <i>Lithos</i> , 1999 , 48, 135-152	2.9 45
81	Validation of the SCEC Broadband Platform V14.3 Simulation Methods Using Pseudospectral Acceleration Data. <i>Seismological Research Letters</i> , 2015 , 86, 39-47	3 44
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, 11973-8	11.5 44
79	The Collaboratory for the Study of Earthquake Predictability: Achievements and Priorities. <i>Seismological Research Letters</i> , 2018 , 89, 1305-1313	3 44
78	Mantle layering from ScS reverberations: 4. The lower mantle and core-mantle boundary. <i>Journal of Geophysical Research</i> , 1991 , 96, 19811-19824	41

77	Physics of multiscale convection in Earth's mantle: Evolution of sublithospheric convection. <i>Journal of Geophysical Research</i> , 2004 , 109,			38
76	Observations of first-order mantle reverberations. <i>Bulletin of the Seismological Society of America</i> , 1987 , 77, 1704-1717	2.3		37
75	The size distribution of Pacific Seamounts. <i>Geophysical Research Letters</i> , 1987 , 14, 1119-1122	4.9		35
74	Some comments on tidal drag as a mechanism for driving plate motions. <i>Journal of Geophysical Research</i> , 1974 , 79, 2141-2142			35
73	Scaling up workflow-based applications. <i>Journal of Computer and System Sciences</i> , 2010 , 76, 428-446	1		34
72	Stochastic modeling of seafloor morphology: A parameterized Gaussian model. <i>Geophysical Research Letters</i> , 1989 , 16, 45-48	4.9		34
71	Managing Large-Scale Workflow Execution from Resource Provisioning to Provenance Tracking: The CyberShake Example 2006 ,			33
70	Structural geology of the Earth's interior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1979 , 76, 4192-200	11.5		32
69	The Potential Uses of Operational Earthquake Forecasting: Table 1. <i>Seismological Research Letters</i> , 2016 , 87, 313-322	3		29
68	The SCEC Unified Community Velocity Model Software Framework. <i>Seismological Research Letters</i> , 2017 , 88, 1539-1552	3		29
67	On the state of sublithospheric upper mantle beneath a supercontinent. <i>Geophysical Journal International</i> , 2002 , 149, 179-189	2.6		29
66	Moment-tensor spectra of the 19 Sept 85 and 21 Sept 85 Michoacan, Mexico, earthquakes. <i>Geophysical Research Letters</i> , 1986 , 13, 609-612	4.9		29
65	Seismic strain rate and deep slab deformation in Tonga. <i>Journal of Geophysical Research</i> , 1991 , 96, 14429-14444	4.8		28
64	Seismic structure of the upper mantle beneath the western Philippine Sea. <i>Physics of the Earth and Planetary Interiors</i> , 1999 , 110, 263-283	2.3		27
63	Testing plausible upper-mantle compositions using fine-scale models of the 410-km discontinuity. <i>Geophysical Research Letters</i> , 1999 , 26, 1641-1644	4.9		27
62	Polarization anisotropy and fine-scale structure of the Eurasian Upper Mantle. <i>Geophysical Research Letters</i> , 1988 , 15, 824-827	4.9		27
61	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	3		27
60	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	2.6		26

59	A physics-based earthquake simulator replicates seismic hazard statistics across California. <i>Science Advances</i> , 2018 , 4, eaau0688	14.3	25
58	How stratified is mantle convection?. <i>Journal of Geophysical Research</i> , 1997 , 102, 7625-7646		24
57	Far-field detection of slow precursors to fast seismic ruptures. <i>Geophysical Research Letters</i> , 1991 , 18, 2019-2022	4.9	24
56	Low-frequency noise observations in the deep ocean. <i>Journal of the Acoustical Society of America</i> , 1986 , 80, 633-645	2.2	24
55	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		23
54	Loss Estimates for a Puente Hills Blind-Thrust Earthquake in Los Angeles, California. <i>Earthquake Spectra</i> , 2005 , 21, 329-338	3.4	22
53	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	1.8	21
52	Structural sensitivities of finite-frequency seismic waves: a full-wave approach. <i>Geophysical Journal International</i> , 2006 , 165, 981-990	2.6	21
51	On steady-state heat flow and the rheology of oceanic mantle. <i>Geophysical Research Letters</i> , 2002 , 29, 13-1-13-4	4.9	21
50	Quantifying the distribution and transport of pelagic sediments on young abyssal hills. <i>Geophysical Research Letters</i> , 1993 , 20, 2203-2206	4.9	21
49	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		20
48	Measuring Crustal Deformation in the American West. <i>Scientific American</i> , 1988 , 259, 48-55	0.5	20
47	Onset of convection with temperature- and depth-dependent viscosity. <i>Geophysical Research Letters</i> , 2002 , 29, 29-1-29-4	4.9	18
46	Pelagic sedimentation on rough seafloor topography 1. Forward Model. <i>Journal of Geophysical Research</i> , 2001 , 106, 30433-30449		18
45	Mantle convection experiments with evolving plates. <i>Geophysical Research Letters</i> , 1995 , 22, 2223-2226	4.9	18
44	Stochastic analysis of shear-wave splitting length scales. <i>Earth and Planetary Science Letters</i> , 2007 , 259, 526-540	5.3	17
43	Effects of vertical boundaries on infinite Prandtl number thermal convection. <i>Geophysical Journal International</i> , 2001 , 147, 639-659	2.6	16
42	Stochastic analysis of mantle convection experiments using two-point correlation functions. <i>Geophysical Research Letters</i> , 1994 , 21, 305-308	4.9	16

41	Resolving fault plane ambiguity for small earthquakes. <i>Geophysical Journal International</i> , 2010 , 181, 493-501	5.0	15
40	Reducing Time-to-Solution Using Distributed High-Throughput Mega-Workflows - Experiences from SCEC CyberShake 2008 ,		15
39	The Area Skill Score Statistic for Evaluating Earthquake Predictability Experiments. <i>Pure and Applied Geophysics</i> , 2010 , 167, 893-906	2.2	14
38	Linear stability analysis of Richter rolls. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	14
37	Time-Dependent Renewal-Model Probabilities When Date of Last Earthquake is Unknown. <i>Bulletin of the Seismological Society of America</i> , 2015 , 105, 459-463	2.3	13
36	Convergence depths of tectonic regions from an ensemble of global tomographic models. <i>Journal of Geophysical Research: Solid Earth</i> , 2013 , 118, 4196-4225	3.6	13
35	Characterization of mantle convection experiments using two-point correlation functions. <i>Journal of Geophysical Research</i> , 1995 , 100, 6351-6365		13
34	Source time function of the Great 1994 Bolivia Deep Earthquake by waveform and spectral inversions. <i>Geophysical Research Letters</i> , 1995 , 22, 2253-2256	4.9	12
33	Highlights from the First Ten Years of the New Zealand Earthquake Forecast Testing Center. <i>Seismological Research Letters</i> , 2018 , 89, 1229-1237	3	12
32	An effective medium theory for three-dimensional elastic heterogeneities. <i>Geophysical Journal International</i> , 2015 , 203, 1343-1354	2.6	11
31	Perturbation kernels for generalized seismological data functionals (GSDF). <i>Geophysical Journal International</i> , 2010 , 183, 869-883	2.6	10
30	Enabling Very-Large Scale Earthquake Simulations on Parallel Machines. <i>Lecture Notes in Computer Science</i> , 2007 , 46-53	0.9	10
29	Toward petascale earthquake simulations. <i>Acta Geotechnica</i> , 2009 , 4, 79-93	4.9	9
28	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		9
27	The TeraShake Computational Platform for Large-Scale Earthquake Simulations. <i>Lecture Notes in Earth Sciences</i> , 2009 , 229-277		9
26	Visual insights into high-resolution earthquake Simulations. <i>IEEE Computer Graphics and Applications</i> , 2007 , 27, 28-34	1.7	8
25	Rupture dimensions of the 1998 Antarctic Earthquake from low-frequency waves. <i>Geophysical Research Letters</i> , 2000 , 27, 2305-2308	4.9	8
24	Beyond Plate Tectonics: Looking at Plate Deformation with Space Geodesy 1988 , 341-350		8

23	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	2.3	7
22	Operational Earthquake Forecasting during the 2019 Ridgecrest, California, Earthquake Sequence with the UCERF3-ETAS Model. <i>Seismological Research Letters</i> , 2020 , 91, 1567-1578	3	6
21	Tectonic Regionalization of the Southern California Crust From Tomographic Cluster Analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 11840-11865	3.6	6
20	Stability and dynamics of the continental tectosphere. <i>Developments in Geotectonics</i> , 1999 , 24, 115-133		6
19	Frequency-Dependent Attenuation of P and S Waves in Southern California. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 5814-5830	3.6	5
18	Experimental concepts for testing probabilistic earthquake forecasting and seismic hazard models. <i>Geophysical Journal International</i> , 2018 , 215, 780-798	2.6	4
17	Stochastic representations of seismic anisotropy: transversely isotropic effective media models. <i>Geophysical Journal International</i> , 2017 , 209, 1831-1850	2.6	3
16	The continental tectosphere and Earth's long-wavelength gravity field. <i>Developments in Geotectonics</i> , 1999 , 24, 135-152		3
15	A unified probabilistic framework for volcanic hazard and eruption forecasting. <i>Natural Hazards and Earth System Sciences</i> , 2021 , 21, 3509-3517	3.9	3
14	Varenna workshop report. Operational earthquake forecasting and decision making. <i>Annals of Geophysics</i> , 2015 , 58,	1.1	3
13	First Results of the Regional Earthquake Likelihood Models Experiment 2010 , 5-22		3
12	Representation of complex seismic sources by orthogonal moment-tensor fields. <i>Geophysical Journal International</i> , 2019 , 216, 1867-1889	2.6	2
11	Effective-Medium Models of Inner-Core Anisotropy. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 5793-5813	3.6	2
10	Complexities of Transform Fault Plate Boundaries in the Oceans. <i>Geodynamic Series</i> , 2013 , 219-241		2
9	Reply [to Comment on Mantle layering from ScS reverberations, 2, The transition zone] by Justin Revenaugh and Thomas H. Jordan. <i>Journal of Geophysical Research</i> , 1992 , 97, 17549		2
8	rvGAHP 2017 ,		1
7	Some Speculations on Continental Evolution 1989 , 259-276		1
6	Reply [to Comment on Crustal and upper mantle structure from Sp phases] by Thomas H. Jordan and L. Neil Frazer. <i>Journal of Geophysical Research</i> , 1980 , 85, 381-382		1

- 5 The Area Skill Score Statistic for Evaluating Earthquake Predictability Experiments **2010**, 39-52 0
- 4 Beyond Plate Tectonics: Looking at Plate Deformation with Space Geodesy. *Symposium - International Astronomical Union*, **1988**, 129, 341-350
- 3 Lateral variations in shear velocity and attenuation in the upper mantle. *Tectonophysics*, **1979**, 56, 97 3.1
- 2 Stress-strain characterization of seismic source fields using moment measures of mechanism complexity. *Geophysical Journal International*, **2021**, 227, 591-616 2.6
- 1 Frank Press, A life of magnitude. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 9138-9141 11.5