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	Stressâ€“strain characterization of seismic source fields using moment measures of mechanism complexity. Geophysical Journal International, 2021, 227, 591-616.	1.0	2
2	Toward Physics-Based Nonergodic PSHA: A Prototype Fully Deterministic Seismic Hazard Model for Southern California. Bulletin of the Seismological Society of America, 2021, 111, 898-915.	1.1	26
3	A unified probabilistic framework for volcanic hazard and eruption forecasting. Natural Hazards and Earth System Sciences, 2021, 21, 3509-3517.	1.5	8
4	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
5	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
6	Tectonic Regionalization of the Southern California Crust From Tomographic Cluster Analysis. Journal of Geophysical Research: Solid Earth, 2019, 124, 11840-11865.	1.4	14
7	Representation of complex seismic sources by orthogonal moment-tensor fields. Geophysical Journal International, 2019, 216, 1867-1889.	1.0	4
8	The Collaboratory for the Study of Earthquake Predictability: Achievements and Priorities. Seismological Research Letters, 2018, 89, 1305-1313.	0.8	79
9	Highlights from the First Ten Years of the New Zealand Earthquake Forecast Testing Center. Seismological Research Letters, 2018, 89, 1229-1237.	0.8	22
10	The Forecasting Skill of Physicsâ€Based Seismicity Models during the 2010â€“2012 Canterbury, New Zealand, Earthquake Sequence. Seismological Research Letters, 2018, 89, 1238-1250.	0.8	47
11	Frequencyâ€Dependent Attenuation of P and S Waves in Southern California. Journal of Geophysical Research: Solid Earth, 2018, 123, 5814-5830.	1.4	10
12	Experimental concepts for testing probabilistic earthquake forecasting and seismic hazard models. Geophysical Journal International, 2018, 215, 780-798.	1.0	11
13	A physics-based earthquake simulator replicates seismic hazard statistics across California. Science Advances, 2018, 4, eaau0688.	4.7	41
14	Effectiveâ€Medium Models of Innerâ€Core Anisotropy. Journal of Geophysical Research: Solid Earth, 2018, 123, 5793-5813.	1.4	3
15	A Spatiotemporal Clustering Model for the Third Uniform California Earthquake Rupture Forecast (UCERF3â€ETAS): Toward an Operational Earthquake Forecast. Bulletin of the Seismological Society of America, 2017, 107, 1049-1081.	1.1	107
16	rvGAHP. , 2017, , .		2
17	A Synoptic View of the Third Uniform California Earthquake Rupture Forecast (UCERF3). Seismological Research Letters, 2017, 88, 1259-1267.	0.8	78
18	Stochastic representations of seismic anisotropy: transversely isotropic effective media models. Geophysical Journal International, 2017, 209, 1831-1850.	1.0	4

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19	The SCEC Unified Community Velocity Model Software Framework. Seismological Research Letters, 2017, 88, 1539-1552.	0.8	60
20	The Potential Uses of Operational Earthquake Forecasting: Table 1. Seismological Research Letters, 2016, 87, 313-322.	0.8	51
21	Unified Structural Representation of the southern California crust and upper mantle. Earth and Planetary Science Letters, 2015, 415, 1-15.	1.8	149
22	Validation of the SCEC Broadband Platform V14.3 Simulation Methods Using Pseudospectral Acceleration Data. Seismological Research Letters, 2015, 86, 39-47.	0.8	70
23	Timeâ€Dependent Renewalâ€Model Probabilities When Date of Last Earthquake is Unknown. Bulletin of the Seismological Society of America, 2015, 105, 459-463.	1.1	19
24	Longâ€Term Timeâ€Dependent Probabilities for the Third Uniform California Earthquake Rupture Forecast (UCERF3). Bulletin of the Seismological Society of America, 2015, 105, 511-543.	1.1	184
25	An effective medium theory for three-dimensional elastic heterogeneities. Geophysical Journal International, 2015, 203, 1343-1354.	1.0	13
26	Varenna workshop report. Operational earthquake forecasting and decision making. Annals of Geophysics, 2015, 58, .	0.5	5
27	Testing for ontological errors in probabilistic forecasting models of natural systems. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11973-11978.	3.3	69
28	Operational Earthquake Forecasting Can Enhance Earthquake Preparedness. Seismological Research Letters, 2014, 85, 955-959.	0.8	105
29	Uniform California Earthquake Rupture Forecast, Version 3 (UCERF3)--The Time-Independent Model. Bulletin of the Seismological Society of America, 2014, 104, 1122-1180.	1.1	424
30	Fullâ€3â€D tomography for crustal structure in Southern California based on the scatteringâ€integral and the adjointâ€wavefield methods. Journal of Geophysical Research: Solid Earth, 2014, 119, 6421-6451.	1.4	195
31	Complexities of Transform Fault Plate Boundaries in the Oceans. Geodynamic Series, 2013, , 219-241.	0.1	2
32	Regional Earthquake Likelihood Models I: First-Order Results. Bulletin of the Seismological Society of America, 2013, 103, 787-798.	1.1	82
33	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
34	Bayesian Forecast Evaluation and Ensemble Earthquake Forecasting. Bulletin of the Seismological Society of America, 2012, 102, 2574-2584.	1.1	85
35	Scapegoat shocker. New Scientist, 2011, 211, 34-35.	0.0	0
36	Rapid full-wave centroid moment tensor (CMT) inversion in a three-dimensional earth structure model for earthquakes in Southern California. Geophysical Journal International, 2011, 186, 311-330.	1.0	37

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37	CyberShake: A Physics-Based Seismic Hazard Model for Southern California. Pure and Applied Geophysics, 2011, 168, 367-381.	0.8	326
38	Metrics for heterogeneous scientific workflows: A case study of an earthquake science application. International Journal of High Performance Computing Applications, 2011, 25, 274-285.	2.4	30
39	The Collaboratory for the Study of Earthquake Predictability perspective on computational earthquake science. Concurrency Computation Practice and Experience, 2010, 22, 1836-1847.	1.4	81
40	First Results of the Regional Earthquake Likelihood Models Experiment. Pure and Applied Geophysics, 2010, 167, 859-876.	0.8	101
41	The Area Skill Score Statistic for Evaluating Earthquake Predictability Experiments. Pure and Applied Geophysics, 2010, 167, 893-906.	0.8	28
42	Scaling up workflow-based applications. Journal of Computer and System Sciences, 2010, 76, 428-446.	0.9	48
43	The ShakeOut earthquake scenario: Verification of three simulation sets. Geophysical Journal International, 2010, 180, 375-404.	1.0	112
44	Resolving fault plane ambiguity for small earthquakes. Geophysical Journal International, 2010, 181, 493-501.	1.0	18
45	Perturbation kernels for generalized seismological data functionals (GSDF). Geophysical Journal International, 2010, 183, 869-883.	1.0	11
46	Operational Earthquake Forecasting: Some Thoughts on Why and How. Seismological Research Letters, 2010, 81, 571-574.	0.8	114
47	Distribution of seismicity across strikeâ€slip faults in California. Journal of Geophysical Research, 2010, 115, .	3.3	93
48	Scalable Earthquake Simulation on Petascale Supercomputers. , 2010, , .		110
49	First Results of the Regional Earthquake Likelihood Models Experiment. , 2010, , 5-22.		7
50	The Area Skill Score Statistic for Evaluating Earthquake Predictability Experiments. , 2010, , 39-52.		2
51	Toward petascale earthquake simulations. Acta Geotechnica, 2009, 4, 79-93.	2.9	14
52	Colorado Plateau magmatism and uplift by warming of heterogeneous lithosphere. Nature, 2009, 459, 978-982.	13.7	129
53	Uniform California Earthquake Rupture Forecast, Version 2 (UCERF 2). Bulletin of the Seismological Society of America, 2009, 99, 2053-2107.	1.1	239
54	The TeraShake Computational Platform for Large-Scale Earthquake Simulations. Lecture Notes in Earth Sciences, 2009, , 229-277.	0.5	10

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55	Testing alarm-based earthquake predictions. Geophysical Journal International, 2008, 172, 715-724.	1.0	148
56	Broadband simulations for M_w 7.8 southern San Andreas earthquakes: Ground motion sensitivity to rupture speed. Geophysical Research Letters, 2008, 35, .	1.5	95
57	Reducing Time-to-Solution Using Distributed High-Throughput Mega-Workflows - Experiences from SCEC CyberShake. , 2008, , .		19
58	TeraShake2: Spontaneous Rupture Simulations of Mw 7.7 Earthquakes on the Southern San Andreas Fault. Bulletin of the Seismological Society of America, 2008, 98, 1162-1185.	1.1	84
59	Full 3D Tomography for the Crustal Structure of the Los Angeles Region. Bulletin of the Seismological Society of America, 2007, 97, 1094-1120.	1.1	206
60	Community Fault Model (CFM) for Southern California. Bulletin of the Seismological Society of America, 2007, 97, 1793-1802.	1.1	188
61	Stochastic analysis of shear-wave splitting length scales. Earth and Planetary Science Letters, 2007, 259, 526-540.	1.8	17
62	Visual Insights into High-Resolution Earthquake Simulations. IEEE Computer Graphics and Applications, 2007, 27, 28-34.	1.0	12
63	Full three-dimensional tomography: a comparison between the scattering-integral and adjoint-wavefield methods. Geophysical Journal International, 2007, 170, 175-181.	1.0	126
64	Enabling Very-Large Scale Earthquake Simulations on Parallel Machines. Lecture Notes in Computer Science, 2007, , 46-53.	1.0	13
65	Managing Large-Scale Workflow Execution from Resource Provisioning to Provenance Tracking: The CyberShake Example. , 2006, , .		39
66	Earthquake Predictability, Brick by Brick. Seismological Research Letters, 2006, 77, 3-6.	0.8	201
67	Structural sensitivities of finite-frequency seismic waves: a full-wave approach. Geophysical Journal International, 2006, 165, 981-990.	1.0	26
68	Strain Green's Tensors, Reciprocity, and Their Applications to Seismic Source and Structure Studies. Bulletin of the Seismological Society of America, 2006, 96, 1753-1763.	1.1	91
69	Foreshock sequences and short-term earthquake predictability on East Pacific Rise transform faults. Nature, 2005, 434, 457-461.	13.7	185
70	Frechet Kernels for Imaging Regional Earth Structure Based on Three-Dimensional Reference Models. Bulletin of the Seismological Society of America, 2005, 95, 2066-2080.	1.1	110
71	Loss Estimates for a Puente Hills Blind-Thrust Earthquake in Los Angeles, California. Earthquake Spectra, 2005, 21, 329-338.	1.6	37
72	Physics of multiscale convection in Earth's mantle: Evolution of sublithospheric convection. Journal of Geophysical Research, 2004, 109, .	3.3	42

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73	Physics of multiscale convection in Earth's mantle: Onset of sublithospheric convection. Journal of Geophysical Research, 2003, 108, .	3.3	85
74	Linear stability analysis of Richter rolls. Geophysical Research Letters, 2003, 30, .	1.5	16
75	Seismicity in Deep Gold Mines of South Africa: Implications for Tectonic Earthquakes. Bulletin of the Seismological Society of America, 2002, 92, 1766-1782.	1.1	110
76	Predominance of Unilateral Rupture for a Global Catalog of Large Earthquakes. Bulletin of the Seismological Society of America, 2002, 92, 3309-3317.	1.1	115
77	Onset of convection with temperature- and depth-dependent viscosity. Geophysical Research Letters, 2002, 29, 29-1-29-4.	1.5	21
78	On â€˜steady-stateâ€™ heat flow and the rheology of oceanic mantle. Geophysical Research Letters, 2002, 29, 13-1-13-4.	1.5	24
79	On the state of sublithospheric upper mantle beneath a supercontinent. Geophysical Journal International, 2002, 149, 179-189.	1.0	31
80	Structure of the Kaapvaal Craton from surface waves. Geophysical Research Letters, 2001, 28, 2489-2492.	1.5	84
81	Pelagic sedimentation on rough seafloor topography 2. Inversion results from the North Atlantic Acoustic Reverberation Corridor. Journal of Geophysical Research, 2001, 106, 30451-30473.	3.3	10
82	Pelagic sedimentation on rough seafloor topography 1. Forward Model. Journal of Geophysical Research, 2001, 106, 30433-30449.	3.3	20
83	Teleseismic inversion for the second-degree moments of earthquake space-time distributions. Geophysical Journal International, 2001, 145, 661-678.	1.0	64
84	Effects of vertical boundaries on infinite Prandtl number thermal convection. Geophysical Journal International, 2001, 147, 639-659.	1.0	17
85	Three-dimensional Frechet differential kernels for seismicdelay times. Geophysical Journal International, 2000, 141, 558-576.	1.0	187
86	How are vertical shear wave splitting measurements affected by variations in the orientation of azimuthal anisotropy with depth?. Geophysical Journal International, 2000, 141, 374-390.	1.0	125
87	Rupture dimensions of the 1998 Antarctic Earthquake from low-frequency waves. Geophysical Research Letters, 2000, 27, 2305-2308.	1.5	11
88	Further evidence for the compound nature of slow earthquakes: The Prince Edward Island earthquake of April 28, 1997. Journal of Geophysical Research, 2000, 105, 7819-7827.	3.3	33
89	Stability and dynamics of the continental tectosphere. Lithos, 1999, 48, 115-133.	0.6	86
90	The continental tectosphere and Earth's long-wavelength gravity field. Lithos, 1999, 48, 135-152.	0.6	48

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91	Seismological structure of the upper mantle: a regional comparison of seismic layering. Physics of the Earth and Planetary Interiors, 1999, 110, 21-41.	0.7	138
92	Seismic structure of the upper mantle beneath the western Philippine Sea. Physics of the Earth and Planetary Interiors, 1999, 110, 263-283.	0.7	28
93	Testing plausible upper-mantle compositions using fine-scale models of the 410-km discontinuity. Geophysical Research Letters, 1999, 26, 1641-1644.	1.5	28
94	Stability and dynamics of the continental tectosphere. Developments in Geotectonics, 1999, 24, 115-133.	0.3	11
95	The continental tectosphere and Earth's long-wavelength gravity field. Developments in Geotectonics, 1999, 24, 135-152.	0.3	5
96	Sensitivity of frequency-dependent traveltimes to laterally heterogeneous, anisotropic Earth structure. Geophysical Journal International, 1998, 133, 683-704.	1.0	74
97	High-resolution, two-dimensional vertical tomography of the central Pacific mantle usingScSreverberations and frequency-dependent travel times. Journal of Geophysical Research, 1998, 103, 17933-17971.	3.3	98
98	How stratified is mantle convection?. Journal of Geophysical Research, 1997, 102, 7625-7646.	3.3	26
99	Seismic structure of the upper mantle in a central Pacific corridor. Journal of Geophysical Research, 1996, 101, 22291-22309.	3.3	170
100	Characterization of mantle convection experiments using two-point correlation functions. Journal of Geophysical Research, 1995, 100, 6351-6365.	3.3	16
101	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
102	Mantle convection experiments with evolving plates. Geophysical Research Letters, 1995, 22, 2223-2226.	1.5	20
103	Lehmann Discontinuity as the Base of an Anisotropic Layer Beneath Continents. Science, 1995, 268, 1468-1471.	6.0	220
104	Stochastic analysis of mantle convection experiments using two-point correlation functions. Geophysical Research Letters, 1994, 21, 305-308.	1.5	18
105	Teleseismic Search for Slow Precursors to Large Earthquakes. Science, 1994, 266, 1547-1551.	6.0	96
106	Comparisons Between Seismic Earth Structures and Mantle Flow Models Based on Radial Correlation Functions. Science, 1993, 261, 1427-1431.	6.0	65
107	Quantifying the distribution and transport of pelagic sediments on young abyssal hills. Geophysical Research Letters, 1993, 20, 2203-2206.	1.5	21
108	Space geodetic measurement of crustal deformation in central and southern California, 1984â€“1992. Journal of Geophysical Research, 1993, 98, 21677-21712.	3.3	247

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109	Reply [to â€œComment on â€˜Mantle layering from ScS reverberations, 2, The transition zoneâ€™ by Justin Revenaugh and Thomas H. Jordanâ€]. Journal of Geophysical Research, 1992, 97, 17549-17551.	3.3	2
110	Generalized seismological data functionals. Geophysical Journal International, 1992, 111, 363-390.	1.0	146
111	Comparison of a stochastic seafloor model with SeaMARC II Bathymetry and Sea Beam data near the East Pacific Rise 13Â°â€“15Â°N. Journal of Geophysical Research, 1991, 96, 3867-3885.	3.3	21
112	Mapping the Tonga Slab. Journal of Geophysical Research, 1991, 96, 14403-14427.	3.3	76
113	Farâ€field detection of slow precursors to fast seismic ruptures. Geophysical Research Letters, 1991, 18, 2019-2022.	1.5	30
114	Seismic strain rate and deep slab deformation in Tonga. Journal of Geophysical Research, 1991, 96, 14429-14444.	3.3	30
115	Mantle layering from ScS reverberations: 2. The transition zone. Journal of Geophysical Research, 1991, 96, 19763-19780.	3.3	230
116	Mantle layering from ScS reverberations: 3. The upper mantle. Journal of Geophysical Research, 1991, 96, 19781-19810.	3.3	232
117	Mantle layering from ScS reverberations: 1. Waveform inversion of zerothâ€order reverberations. Journal of Geophysical Research, 1991, 96, 19749-19762.	3.3	79
118	Mantle layering from ScS reverberations: 4. The lower mantle and coreâ€mantle boundary. Journal of Geophysical Research, 1991, 96, 19811-19824.	3.3	42
119	Searching for slow and silent earthquakes using free oscillations. Journal of Geophysical Research, 1990, 95, 2485-2510.	3.3	132
120	Geodetic measurement of tectonic deformation in the Santa Maria Fold and Thrust Belt, California. Journal of Geophysical Research, 1990, 95, 2679-2699.	3.3	93
121	Some Speculations on Continental Evolution. , 1989, , 259-276.		1
122	Stochastic modeling of seafloor morphology: A parameterized Gaussian model. Geophysical Research Letters, 1989, 16, 45-48.	1.5	35
123	A study of mantle layering beneath the western Pacific. Journal of Geophysical Research, 1989, 94, 5787-5813.	3.3	90
124	Measuring Crustal Deformation in the American West. Scientific American, 1988, 259, 48-55.	1.0	22
125	Polarization anisotropy and fineâ€scale structure of the Eurasian Upper Mantle. Geophysical Research Letters, 1988, 15, 824-827.	1.5	28
126	Structure and Formation of the Continental Tectosphere. Journal of Petrology, 1988, Special_Volume, 11-37.	1.1	334

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127	Seamount statistics in the Pacific Ocean. Journal of Geophysical Research, 1988, 93, 2899-2918.	3.3	145
128	Seismic constraints on the morphology of deep slabs. Journal of Geophysical Research, 1988, 93, 4773-4783.	3.3	70
129	Stochastic Modeling of Seafloor Morphology: Inversion of Sea Beam Data for Secondâ€Order Statistics. Journal of Geophysical Research, 1988, 93, 13589-13608.	3.3	405
130	Beyond Plate Tectonics: Looking at Plate Deformation with Space Geodesy. Symposium - International Astronomical Union, 1988, 129, 341-350.	0.1	2
131	Beyond Plate Tectonics: Looking at Plate Deformation with Space Geodesy. , 1988, , 341-350.		8
132	The size distribution of Pacific Seamounts. Geophysical Research Letters, 1987, 14, 1119-1122.	1.5	39
133	Vector constraints on western U.S. deformation from space geodesy, neotectonics, and plate motions. Journal of Geophysical Research, 1987, 92, 4798-4804.	3.3	172
134	How Thick Are the Continents?. Journal of Geophysical Research, 1987, 92, 14007-14026.	3.3	107
135	Observations of first-order mantle reverberations. Bulletin of the Seismological Society of America, 1987, 77, 1704-1717.	1.1	38
136	Slab penetration into the lower mantle beneath the Mariana and other island arcs of the northwest Pacific. Journal of Geophysical Research, 1986, 91, 3573-3589.	3.3	265
137	Momentâ€tensor spectra of the 19 Sept 85 and 21 Sept 85 Michoacan, Mexico, earthquakes. Geophysical Research Letters, 1986, 13, 609-612.	1.5	32
138	Aspherical structure of the coreâ€mantle boundary from PKP travel times. Geophysical Research Letters, 1986, 13, 1497-1500.	1.5	167
139	Lowâ€frequency noise observations in the deep ocean. Journal of the Acoustical Society of America, 1986, 80, 633-645.	0.5	28
140	Slab penetration into the lower mantle. Journal of Geophysical Research, 1984, 89, 3031-3049.	3.3	269
141	Earth structure from fundamental and higher-mode waveform analysis. Geophysical Journal International, 1983, 75, 759-797.	1.0	94
142	Totalâ€moment spectra of fourteen large earthquakes. Journal of Geophysical Research, 1983, 88, 3273-3293.	3.3	119
143	Density and size distribution of seamounts in the eastern Pacific inferred from wideâ€beam sounding data. Journal of Geophysical Research, 1983, 88, 10508-10518.	3.3	82
144	Optimal estimation of scalar seismic moment. Geophysical Journal of the Royal Astronomical Society, 1982, 70, 755-787.	0.2	142

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145	Aspherical Earth structure from fundamental spheroidal-mode data. Nature, 1982, 298, 609-613.	13.7	306
146	Fundamental spheroidal mode observations of aspherical heterogeneity. Geophysical Journal of the Royal Astronomical Society, 1981, 64, 605-634.	0.2	60
147	Reply [to â€œComment on â€˜Crustal and upper mantle structure from Sp phasesâ€™ by Thomas H. Jordan and L. Neil Frazerâ€]. Journal of Geophysical Research, 1980, 85, 381-382.	3.3	1
148	Multiple ScS travel times in the western Pacific: Implications for mantle heterogeneity. Journal of Geophysical Research, 1980, 85, 853-861.	3.3	62
149	Seismicity and tectonic stress in the southâ€central Pacific. Journal of Geophysical Research, 1980, 85, 6479-6495.	3.3	64
150	The Deep Structure of the Continents. Scientific American, 1979, 240, 92-107.	1.0	60
151	Lateral variations in shear velocity and attenuation in the upper mantle. Tectonophysics, 1979, 56, 97.	0.9	0
152	Mineralogies, densities and seismic velocities of garnet lherzolites and their geophysical implications. , 1979, , 1-14.		175
153	Structural geology of the Earth's interior. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 4192-4200.	3.3	48
154	Composition and development of the continental tectosphere. Nature, 1978, 274, 544-548.	13.7	754
155	A procedure for estimating lateral variations from low-frequency eigenspectra data. Geophysical Journal International, 1978, 52, 441-455.	1.0	153
156	Presentâ€day plate motions. Journal of Geophysical Research, 1978, 83, 5331-5354.	3.3	1,983
157	Estimation of the attenuation operator for multiple ScS waves. Geophysical Research Letters, 1977, 4, 167-170.	1.5	61
158	Lateral heterogeneity of the upper mantle determined from the travel times of multipleScS. Journal of Geophysical Research, 1976, 81, 6307-6320.	3.3	93
159	Lithosphere-asthenosphere boundary. Geology, 1976, 4, 770.	2.0	2
160	Lateral heterogeneity and mantle dynamics. Nature, 1975, 257, 745-750.	13.7	80
161	The continental tectosphere. Reviews of Geophysics, 1975, 13, 1-12.	9.0	599
162	Lateral heterogeneity of the upper mantle determined from the travel times ofScS. Journal of Geophysical Research, 1975, 80, 1474-1484.	3.3	84

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163	Crustal and upper mantle structure fromS_pphases. Journal of Geophysical Research, 1975, 80, 1504-1518.	3.3	100
164	The present-day motions of the Caribbean Plate. Journal of Geophysical Research, 1975, 80, 4433-4439.	3.3	246
165	Numerical Modelling of Instantaneous Plate Tectonics. Geophysical Journal International, 1974, 36, 541-576.	1.0	726
166	Some comments on tidal drag as a mechanism for driving plate motions. Journal of Geophysical Research, 1974, 79, 2141-2142.	3.3	46
167	A velocity anomaly in the lower mantle. Journal of Geophysical Research, 1974, 79, 2679-2685.	3.3	119
168	Composition and Evolution of the Mantle and Core. Science, 1971, 171, 1103-1112.	6.0	193