Brian Kennett

List of Publications by Year
in descending order

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358 papers	20,545 citations	14655 66 h-index	12597 132 g-index
381 all docs	381 docs citations	381 times ranked	6613 citing authors

#	Article	IF	Citations
1	The seismic wavefield as seen by distributed acoustic sensing arrays: local, regional and teleseismic sources. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, 20210812.	2.1	10
2	Earth Structure Across Many Scales. Perspectives of Earth and Space Scientists, 2022, 3, .	0.3	0
3	The transition from the Thomson Orogen to the North Australian Craton from seismic data. Australian Journal of Earth Sciences, 2021, 68, 628-640.	1.0	2
4	The relative behaviour of bulk and shear modulus as an indicator of the iron spin transition in the lower mantle. Earth and Planetary Science Letters, 2021, 559, 116808.	4.4	5
5	Azimuthal Variation of Lithospheric Heterogeneity in the Northwest Pacific Inferred From Po/So Propagation Characteristics and Anomalously Large Ground Motion of Deep Inâ€Slab Earthquakes. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021717.	3.4	5
6	Intra-plate volcanism in North Queensland and eastern new Guinea: A cryptic mantle plume?. Gondwana Research, 2020, 79, 209-216.	6.0	6
7	Common-Reflection-Point-Based Prestack Depth Migration for Imaging Lithosphere in Python: Application to the Dense Warramunga Array in Northern Australia. Seismological Research Letters, 2020, 91, 2890-2899.	1.9	5
8	Unveiling a continent. Astronomy and Geophysics, 2020, 61, 6.34-6.40.	0.2	1
9	Towards constitutive equations for the deep Earth II: Shear properties under pressure. Physics of the Earth and Planetary Interiors, 2020, 307, 106558.	1.9	4
10	Radial earth models revisited. Geophysical Journal International, 2020, 222, 2189-2204.	2.4	14
11	Propagation of distinct Love-wave pulses from regional to teleseismic distances in continental and oceanic environments. Geophysical Journal International, 2020, 221, 665-682.	2.4	1
12	The Significance of Longâ€Period Ground Motion at Regional to Teleseismic Distances From the 610â€km Deep M w 8.3 Sea of Okhotsk Earthquake of 24 May 2013. Journal of Geophysical Research: Solid Earth, 2019, 124, 9075-9094.	3.4	4
13	Significant P wave conversions from upgoing S waves generated by very deep earthquakes around Japan. Progress in Earth and Planetary Science, 2019, 6, .	3.0	4
14	Preview ofThe Australian continent: a geophysical synthesis. Preview, 2019, 2019, 39-48.	0.1	3
15	Crustal Imaging With Bayesian Inversion of Teleseismic P Wave Coda Autocorrelation. Journal of Geophysical Research: Solid Earth, 2019, 124, 5888-5906.	3.4	20
16	Retrieval of Interstation Local Body Waves From Teleseismic Coda Correlations. Journal of Geophysical Research: Solid Earth, 2019, 124, 2957-2969.	3.4	6
17	Areal parameter estimates from multiple datasets. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190352.	2.1	3
18	ANSIR: National research facillity for earth sounding. Preview, 2019, 2019, 19-20.	0.1	0

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19	AusArray: Toward updatable, high-resolution seismic velocity models of the Australian lithosphere. ASEG Extended Abstracts, 2019, 2019, 1-4.	0.1	0
20	Sn-wave velocity structure of the uppermost mantle beneath the Australian continent. Geophysical Journal International, 2018, 213, 2071-2084.	2.4	9
21	Earth's Correlation Wavefield: Late Coda Correlation. Geophysical Research Letters, 2018, 45, 3035-3042.	4.0	48
22	Regional Distance PL Phase in the Crustal Waveguideâ€"An Analog to the Teleseismic W Phase in the Upperâ€Mantle Waveguide. Journal of Geophysical Research: Solid Earth, 2018, 123, 4007-4024.	3.4	7
23	Lithospheric discontinuities in Central Australia. Tectonophysics, 2018, 744, 10-22.	2.2	19
24	Evolution of the correlation wavefield extracted from seismic event coda. Physics of the Earth and Planetary Interiors, 2018, 282, 100-109.	1.9	8
25	The nature of Earth's correlation wavefield: late coda of large earthquakes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180082.	2.1	8
26	Midâ€lithosphere discontinuities beneath the western and central North China Craton. Geophysical Research Letters, 2017, 44, 1302-1310.	4.0	50
27	Crustal structure of a Proterozoic craton boundary: East Albany-Fraser Orogen, Western Australia, imaged with passive seismic and gravity anomaly data. Precambrian Research, 2017, 296, 78-92.	2.7	13
28	Crustal surface wave velocity structure of the east Albany-Fraser Orogen, Western Australia, from ambient noise recordings. Geophysical Journal International, 2017, 210, 1641-1651.	2.4	5
29	Lg-wave attenuation in the Australian crust. Tectonophysics, 2017, 717, 413-424.	2.2	15
30	High-frequency ground motion from Australian earthquakes. Australian Journal of Earth Sciences, 2017, 64, 769-777.	1.0	1
31	Unusual Strong Ground Motion Across Japan From the 680Âkm Deep 30 May 2015 Ogasawara Islands Earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 8143-8162.	3.4	13
32	Pervasive seismic low-velocity zones within stagnant plates in the mantle transition zone: Thermal or compositional origin?. Earth and Planetary Science Letters, 2017, 477, 1-13.	4.4	31
33	Towards constitutive equations for the deep Earth. Physics of the Earth and Planetary Interiors, 2017, 270, 40-45.	1.9	4
34	Interactions of multi-scale heterogeneity in the lithosphere: Australia. Tectonophysics, 2017, 717, 193-213.	2.2	28
35	Uppermost mantle structure of the Australian continent from Pn traveltime tomography. Journal of Geophysical Research: Solid Earth, 2016, 121, 2004-2019.	3.4	17
36	Uppermost mantle P wavespeed structure beneath eastern China and its surroundings. Tectonophysics, 2016, 683, 12-26.	2.2	17

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37	Enhanced waveguide effect for deepâ€focus earthquakes in the subducting Pacific slab produced by a metastable olivine wedge. Journal of Geophysical Research: Solid Earth, 2016, 121, 6779-6796.	3.4	13
38	Receiver structure from teleseisms: Autocorrelation and cross correlation. Geophysical Research Letters, 2016, 43, 6234-6242.	4.0	41
39	Uppermost mantle structure beneath eastern China and its surroundings from Pn and Sn tomography. Geophysical Research Letters, 2016, 43, 3143-3149.	4.0	21
40	Multiscale seismic heterogeneity in the continental lithosphere. Geochemistry, Geophysics, Geosystems, 2016, 17, 791-809.	2.5	17
41	Imaging architecture of the Jakarta Basin, Indonesia with transdimensional inversion of seismic noise. Geophysical Journal International, 2016, 204, 918-931.	2.4	50
42	The lithosphereâ€asthenosphere transition and radial anisotropy beneath the Australian continent. Geophysical Research Letters, 2015, 42, 3839-3846.	4.0	35
43	The nature of the Moho in Australia from reflection profiling: A review. GeoResJ, 2015, 5, 74-91.	1.4	30
44	Toward the reconciliation of seismological and petrological perspectives on oceanic lithosphere heterogeneity. Geochemistry, Geophysics, Geosystems, 2015, 16, 3129-3141.	2.5	22
45	Anisotropy in the subducting slab: Observations from Philippine Sea plate events in Taiwan. Geophysical Research Letters, 2015, 42, 10,248.	4.0	5
46	New constraints on the current stress field and seismic velocity structure of the eastern Yilgarn Craton from mechanisms of local earthquakes. Australian Journal of Earth Sciences, 2015, 62, 921-931.	1.0	6
47	A review of crust and upper mantle structure beneath the Indian subcontinent. Tectonophysics, 2015, 644-645, 1-21.	2.2	68
48	Maximum depth of magnetisation of Australia, its uncertainty, and implications for Curie depth. GeoResJ, 2015, 7, 70-77.	1.4	23
49	Spiralâ€Arm Seismic Arrays. Bulletin of the Seismological Society of America, 2015, 105, 2109-2116.	2.3	22
50	Lithosphereâ€“asthenosphere P-wave reflectivity across Australia. Earth and Planetary Science Letters, 2015, 431, 225-235.	4.4	48
51	Stacking autocorrelograms to map Moho depth with high spatial resolution in southeastern Australia. Geophysical Research Letters, 2015, 42, 7490-7497.	4.0	54
52	Origin of Lateral Heterogeneities in the Upper Mantle Beneath South-east Australia from Seismic Tomography. , 2015, , 47-78.		12
53	Tracking highâ€frequency seismic source evolution: 2004 M_w 8.1 Macquarie event. Geophysical Research Letters, 2014, 41, 1187-1193.	4.0	14
54	Progress in Deep Seismic Reflection Transects Across Australia. Preview, 2014, 2014, 47-50.	0.1	0

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55	Practical Earthquake Location on a Continental Scale in Australia Using the AuSREM 3D Velocity Model. Bulletin of the Seismological Society of America, 2014, 104, 2755-2767.	2.3	4
56	High-frequency Po/So guided waves in the oceanic lithosphere: IIâ€"heterogeneity and attenuation. Geophysical Journal International, 2014, 199, 614-630.	2.4	22
57	Comparison of crustal and upper mantle heterogeneity in different time periods: Indonesian subduction zone to northern Australia. Earthquake Science, 2014, 27, 47-55.	0.9	0
58	Tracking earthquake source evolution in 3-D. Geophysical Journal International, 2014, 198, 867-879.	2.4	3
59	Transportable seismic array tomography in southeast Australia: Illuminating the transition from Proterozoic to Phanerozoic lithosphere. Lithos, 2014, 189, 65-76.	1.4	31
60	Structure of the Mt Isa region from seismic ambient noise tomography. Australian Journal of Earth Sciences, 2013, 60, 707-718.	1.0	10
61	High-frequency Po/So guided waves in the oceanic lithosphere: Iâ€"long-distance propagation. Geophysical Journal International, 2013, 195, 1862-1877.	2.4	35
62	Separating intrinsic and apparent anisotropy. Physics of the Earth and Planetary Interiors, 2013, 219, 11-20.	1.9	58
63	A review of the 2011 Tohoku-Oki earthquake (Mw 9.0): Large-scale rupture across heterogeneous plate coupling. Tectonophysics, 2013, 586, 15-34.	2.2	118
64	100 years of seismic research on the Moho. Tectonophysics, 2013, 609, 9-44.	2.2	40
65	Australia's Moho: A test of the usefulness of gravity modelling for the determination of Moho depth. Tectonophysics, 2013, 609, 468-479.	2.2	73
66	Imaging crustal structure variation across southeastern Australia. Tectonophysics, 2013, 582, 112-125.	2.2	16
67	Role of lithosphere in intra-continental deformation: Central Australia. Gondwana Research, 2013, 24, 958-968.	6.0	26
68	The Moho in Australia and New Zealand. Tectonophysics, 2013, 609, 288-298.	2.2	84
69	Australian Seismological Reference Model (AuSREM): mantle component. Geophysical Journal International, 2013, 192, 871-887.	2.4	88
70	Crustal architecture of the Capricorn Orogen, Western Australia and associated metallogeny. Australian Journal of Earth Sciences, 2013, 60, 681-705.	1.0	126
71	Crustal properties from seismic station autocorrelograms. Geophysical Journal International, 2013, 192, 861-870.	2.4	85
72	Australian Seismological Reference Model (AuSREM): crustal component. Geophysical Journal International, 2013, 192, 190-206.	2.4	59

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73	Crustal complexity in the Lachlan Orogen revealed from teleseismic receiver functions. Australian Journal of Earth Sciences, 2013, 60, 413-430.	1.0	7
74	Highâ€frequency waves guided by the subducted plates underneath Taiwan and their association with seismic intensity anomalies. Journal of Geophysical Research: Solid Earth, 2013, 118, 665-680.	3.4	16
75	AuSREM: Australian Seismological Reference Model. Australian Journal of Earth Sciences, 2012, 59, 1091-1103.	1.0	42
76	Probabilistic surface reconstruction from multiple data sets: An example for the Australian Moho. Journal of Geophysical Research, 2012, 117, .	3.3	53
77	A unified concept for comparison of seismograms using transfer functions. Geophysical Journal International, 2012, , no-no.	2.4	9
78	Interlocking of heterogeneous plate coupling and aftershock area expansion pattern for the 2011 Tohokuâ€Oki Mw9 earthquake. Geophysical Research Letters, 2012, 39, .	4.0	16
79	Crustal structure of Australia from ambient seismic noise tomography. Journal of Geophysical Research, 2012, 117, .	3.3	91
80	Multistep modelling of receiver-based seismic and ambient noise data from WOMBAT array: crustal structure beneath southeast Australia. Geophysical Journal International, 2012, 189, 1680-1700.	2.4	9
81	Lithospheric Framework of Australia. Episodes, 2012, 35, 9-22.	1.2	26
82	Structural controls on the Mw 9.0 2011 Offshore-Tohoku earthquake. Earth and Planetary Science Letters, 2011, 310, 462-467.	4.4	14
83	AusMoho: the variation of Moho depth in Australia. Geophysical Journal International, 2011, 187, 946-958.	2.4	124
84	The structure of the upper mantle beneath the Delamerian and Lachlan orogens from simultaneous inversion of multiple teleseismic datasets. Gondwana Research, 2011, 19, 788-799.	6.0	43
85	Seismic wave attenuation beneath the Australasian region. Australian Journal of Earth Sciences, 2011, 58, 285-295.	1.0	30
86	Full waveform tomography for radially anisotropic structure: New insights into present and past states of the Australasian upper mantle. Earth and Planetary Science Letters, 2010, 290, 270-280.	4.4	179
87	Steep reflections from the earth's core reveal small-scale heterogeneity in the upper mantle. Physics of the Earth and Planetary Interiors, 2010, 178, 80-91.	1.9	25
88	Tears or thinning? Subduction structures in the Pacific plate beneath the Japanese Islands. Physics of the Earth and Planetary Interiors, 2010, 180, 52-58.	1.9	34
89	Ambient seismic noise tomography of Australian continent. Tectonophysics, 2010, 481, 116-125.	2.2	136
90	Reply to comment by S. Crampin on â€˜Global anisotropic phase velocity maps for higher mode Love and Rayleigh wavesâ€™. Geophysical Journal International, 2009, 177, 99-103.	2.4	0

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91	On the inner-outer core density contrast from PKiKP/PcP amplitude ratios and uncertainties caused by seismic noise. Geophysical Journal International, 2009, 179, 425-443.	2.4	54
92	Full seismic waveform tomography for upper-mantle structure in the Australasian region using adjoint methods. Geophysical Journal International, 2009, 179, 1703-1725.	2.4	352
93	Plate reconstructions and tomography reveal a fossil lower mantle slab below the Tasman Sea. Earth and Planetary Science Letters, 2009, 278, 143-151.	4.4	50
94	Optimal equations of state for mantle minerals from simultaneous non-linear inversion of multiple datasets. Physics of the Earth and Planetary Interiors, 2009, 176, 98-108.	1.9	23
95	NW Australian intraplate seismicity and stress regime. Journal of Geophysical Research, 2009, 114, .	3.3	18
96	Upper mantle anisotropy beneath Australia and Tahiti from P wave polarization: Implications for realâ€time earthquake location. Journal of Geophysical Research, 2009, 114, .	3.3	36
97	Boudinage of a stretching slablet implicated in earthquakes beneath the Hindu Kush. Nature Geoscience, 2008, 1, 196-201.	12.9	73
98	Stochastic waveguide in the lithosphere: Indonesian subduction zone to Australian craton. Geophysical Journal International, 2008, 172, 363-382.	2.4	53
99	Global anisotropic phase velocity maps for higher mode Love and Rayleigh waves. Geophysical Journal International, 2008, 172, 1016-1032.	2.4	72
100	Theoretical background for continental- and global-scale full-waveform inversion in the time-frequency domain. Geophysical Journal International, 2008, 175, 665-685.	2.4	229
101	Steps in lithospheric thickness within eastern Australia, evidence from surface wave tomography. Tectonics, 2008, 27, .	2.8	113
102	Teleseismic tomography of the upper mantle beneath the southern Lachlan Orogen, Australia. Physics of the Earth and Planetary Interiors, 2008, 167, 84-97.	1.9	51
103	Probability of radial anisotropy in the deep mantle. Earth and Planetary Science Letters, 2008, 270, 241-250.	4.4	67
104	Reply to comment by A. Tommasi and D. Mainprice on Visser et al. (2008), â€œProbability of radial anisotropy in the deep mantleâ€•[Earth Planet Sci. Lett. 270 (2008) 241â€“250]. Earth and Planetary Science Letters, 2008, 276, 226-227.	4.4	1
105	Automatic infrasonic signal detection using the Hough transform. Journal of Geophysical Research, 2008, 113, .	3.3	19
106	Core structure and heterogeneity: a seismological perspectiveâ^—. Australian Journal of Earth Sciences, 2008, 55, 419-431.	1.0	23
107	Dynamic Earth: crustal and mantle heterogeneity. Australian Journal of Earth Sciences, 2008, 55, 265-279.	1.0	19
108	New constraints on the seismic structure of West Australia: Evidence for terrane stabilization prior to the assembly of an ancient continent?. Geology, 2007, 35, 379.	4.4	36

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109	Comparison of Location Procedures: The Kara Sea Event of 16 August 1997. Bulletin of the Seismological Society of America, 2007, 97, 389-400.	2.3	26
110	Global Love wave overtone measurements. Geophysical Research Letters, 2007, 34, .	4.0	25
111	A slab in depth: Threeâ€dimensional geometry and evolution of the Indoâ€Australian plate. Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	87
112	Seismic Phases. , 2007, , 903-908.		1
113	Earth Structure, Major Divisions. , 2007, , 208-214.		0
114	Three-dimensional visualization of a near-vertical slab tear beneath the southern Mariana arc. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	61
115	Spatial and temporal evolution of the subducting Pacific plate structure along the western Pacific margin. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	88
116	Lithospheric structure of Tasmania from a novel form of teleseismic tomography. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	116
117	Evolution of mantle structure beneath the northwest Pacific: Evidence from seismic tomography and paleogeographic reconstructions. Tectonics, 2006, 25, n/a-n/a.	2.8	25
118	The apparently isotropic Australian upper mantle. Geophysical Research Letters, 2006, 33, .	4.0	23
119	Morphology of the distorted subducted Pacific slab beneath the Hokkaido corner, Japan. Physics of the Earth and Planetary Interiors, 2006, 156, 1-11.	1.9	35
120	Non-linear methods for event location in a global context. Physics of the Earth and Planetary Interiors, 2006, 158, 46-54.	1.9	13
121	On seismological reference models and the perceived nature of heterogeneity. Physics of the Earth and Planetary Interiors, 2006, 159, 129-139.	1.9	20
122	An integrated multi-scale 3D seismic model of the Archaean Yilgarn Craton, Australia. Tectonophysics, 2006, 420, 75-90.	2.2	28
123	Detailed teleseismic imaging of the crust and upper mantle beneath southeast Australia. ASEG Extended Abstracts, 2006, 2006, 1-5.	0.1	1
124	Developments in passive seismic techniques through the ANSIR National Research Facility. Exploration Geophysics, 2006, 37, 278-285.	1.1	3
125	Developments in passive seismic techniques through the ANSIR National Research Facility. ASEG Extended Abstracts, 2006, 2006, 1-5.	0.1	1
126	Insights into the structure of the upper mantle beneath the Murray basin from 3D teleseismic tomography. Australian Journal of Earth Sciences, 2006, 53, 595-604.	1.0	27

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127	Sensitivity kernels for finite-frequency surface waves. Geophysical Journal International, 2005, 162, 910-926.	2.4	50
128	Global azimuthal seismic anisotropy and the unique plate-motion deformation of Australia. Nature, 2005, 433, 509-512.	27.8	252
129	Contrasts in lithospheric structure within the Australian cratonâ€"insights from surface wave tomography. Earth and Planetary Science Letters, 2005, 231, 163-176.	4.4	142
130	Heterogeneity within the subducting Pacific slab beneath the Izuâ€"Boninâ€"Mariana arc: Evidence from tomography using 3D ray tracing inversion techniques. Earth and Planetary Science Letters, 2005, 235, 331-342.	4.4	66
131	Continental scale shear wave splitting analysis: Investigation of seismic anisotropy underneath the Australian continent. Earth and Planetary Science Letters, 2005, 236, 106-119.	4.4	47
132	The relationship of the seismic source and subduction zone structure for the 2004 December 26 Sumatraâ€"Andaman earthquake. Earth and Planetary Science Letters, 2005, 239, 1-8.	4.4	51
133	Stochastic features of scattering. Physics of the Earth and Planetary Interiors, 2005, 148, 131-148.	1.9	19
134	Studies of the Earth's Deep Interiorâ€"Eighth Symposium. Physics of the Earth and Planetary Interiors, 2005, 153, 1-2.	1.9	66
135	Quasi-spherical approach for seismic wave modeling in a 2-D slice of a global Earth model with lateral heterogeneity. Geophysical Research Letters, 2005, 32, .	4.0	23
136	Subduction zone guided waves and the heterogeneity structure of the subducted plate: Intensity anomalies in northern Japan. Journal of Geophysical Research, 2005, 110, .	3.3	144
137	Contrasts in mantle structure beneath Australia: relation to Tasman Lines?. Australian Journal of Earth Sciences, 2004, 51, 563-569.	1.0	51
138	Rapid estimation of relative and absolute delay times across a network by adaptive stacking. Geophysical Journal International, 2004, 157, 332-340.	2.4	135
139	Consistency regions in non-linear inversion. Geophysical Journal International, 2004, 157, 583-588.	2.4	6
140	Scattering of elastic waves in media with a random distribution of fluid-filled cavities: theory and numerical modelling. Geophysical Journal International, 2004, 159, 961-977.	2.4	9
141	Multimode surface wave tomography for the Australian region using a three-stage approach incorporating finite frequency effects. Journal of Geophysical Research, 2004, 109, .	3.3	117
142	Effects of the density perturbation in scattering. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	7
143	Imaging changes in morphology, geometry, and physical properties of the subducting Pacific plate along the Izuâ€"Boninâ€"Mariana arc. Earth and Planetary Science Letters, 2004, 224, 363-370.	4.4	61
144	Seismic heterogeneity in the mantleâ€"strong shear wave signature of slabs from joint tomography. Physics of the Earth and Planetary Interiors, 2004, 146, 87-100.	1.9	40

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145	On the observation of high frequency PKiKP and its coda in Australia. Physics of the Earth and Planetary Interiors, 2004, 146, 497-511.	1.9	55
146	Seismological insights into heterogeneity patterns in the mantle. Geophysical Monograph Series, 2004, , 43-57.	0.1	0
147	Lithospheric Structure in the Australian Region - A Synthesis of Surface Wave and Body Wave Studies. Exploration Geophysics, 2004, 35, 242-250.	1.1	10
148	Title is missing!. Studia Geophysica Et Geodaetica, 2003, 47, 707-707.	0.5	0
149	Seismic structure of the Yilgarn Craton, Western Australia. Australian Journal of Earth Sciences, 2003, 50, 427-438.	1.0	45
150	Lithospheric structure of the Pilbara Craton, Capricorn Orogen and northern Yilgarn Craton, Western Australia, from teleseismic receiver functions. Australian Journal of Earth Sciences, 2003, 50, 439-445.	1.0	40
151	Modelling of seismic waves in heterogeneous media using a wavelet-based method: application to fault and subduction zones. Geophysical Journal International, 2003, 154, 483-498.	2.4	24
152	Contrasts in regional seismic wave propagation to station WMQ in central Asia. Geophysical Journal International, 2003, 155, 44-56.	2.4	8
153	Variations in crustal structure across the transition from West to East Antarctica, Southern Victoria Land. Geophysical Journal International, 2003, 155, 870-880.	2.4	73
154	Roots of the matter. Nature, 2003, 422, 674-675.	27.8	1
155	Improved inversion for seismic structure using transformed,S-wavevector receiver functions: Removing the effect of the free surface. Geophysical Research Letters, 2003, 30, .	4.0	56
156	Joint bulk-sound and shear tomography for Western Pacific subduction zones. Earth and Planetary Science Letters, 2003, 210, 527-543.	4.4	126
157	Surface-wave studies of the Australian region. , 2003, , .		10
158	Seismic structure in the mantle beneath Australia. , 2003, , .		28
159	Signal Parameter Estimation for Sparse Arrays. Bulletin of the Seismological Society of America, 2003, 93, 1765-1772.	2.3	11
160	Preface to Volume II. , 2002, , xi-xii.		0
161	Regional Phases I - Propagation in the Crust and Uppermost Mantle. , 2002, , 42-77.		0
162	Regional Phases II - The Influence of Structure. , 2002, , 78-107.		0

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163	Propagation in the Upper Mantle. , 2002, , 108-125.		0
164	Analysis of Regional and Far-Regional Seismograms. , 2002, , 163-186.		0
165	Body Waves in the Mantle. , 2002, , 223-257.		0
166	Surface Waves and Modal Analysis. , 2002, , 280-318.		0
167	Receiver Based Studies. , 2002, , 319-352.		0
168	Imaging the Earth. , 2002, , 426-438.		0
169	3-D Global Structure. , 2002, , 439-460.		0
170	Near Events. , 2002, , 3-27.		0
171	Propagation Effects at Near Distances. , 2002, , 28-41.		0
172	Upper Mantle Structure. , 2002, , 126-162.		0
173	The Nature of the Global Wavefield. , 2002, , 189-222.		0
174	Analysis of Seismic Records. , 2002, , 353-398.		0
175	The Influence of Heterogeneity. , 2002, , 401-425.		0
176	Body Waves and the Earth's Core. , 2002, , 258-279.		0
177	Mapping the Lithosphere and Upper Mantle. , 2002, , 461-487.		1
178	On a Wavelet-Based Method for the Numerical Simulation of Wave Propagation. Journal of Computational Physics, 2002, 183, 577-622.	3.8	33
179	The Influence of 3-D Structure on the Propagation of Seismic Waves Away from Earthquakes. Pure and Applied Geophysics, 2002, 159, 2113-2131.	1.9	4
180	Non-linear waveform inversion for surface waves with a neighbourhood algorithm-application to multimode dispersion measurements. Geophysical Journal International, 2002, 149, 118-133.	2.4	92

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181	Determination of the influence zone for surface wave paths. Geophysical Journal International, 2002, 149, 440-453.	2.4	141
182	Frequency dependence of seismic wave attenuation in the upper mantle beneath the Australian region. Geophysical Journal International, 2002, 150, 45-57.	2.4	29
183	A reappraisal of regional surface wave tomography. Geophysical Journal International, 2002, 150, 37-44.	2.4	58
184	A wavelet-based method for simulation of two-dimensional elastic wave propagation. Geophysical Journal International, 2002, 150, 610-638.	2.4	18
185	The Influence of 3-D Structure on the Propagation of Seismic Waves Away from Earthquakes. , 2002, , 2113-2131.		21
186	Representations of Seismicity. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a.	2.5	2
187	Earthquakes and Earth Structure. , 2001, , 21-36.		0
188	Seismic Sources. , 2001, , 66-77.		0
189	Seismic Phases. , 2001, , 78-104.		0
190	Building a Seismogram. , 2001, , 105-126.		0
191	Stress and Strain. , 2001, , 129-135.		0
192	Seismic Waves I - Plane Waves. , 2001, , 136-151.		0
193	Seismic Waves II - Wavefronts and Rays. , 2001, , 152-167.		0
194	Rays in Stratification. , 2001, , 168-188.		0
195	Seismic Sources. , 2001, , 189-207.		0
196	Waves in Stratification. , 2001, , 208-239.		1
197	Reflection and Transmission. , 2001, , 240-259.		0
198	Building the Response of a Model. , 2001, , 260-293.		0

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199	Constructing the Wavefield. , 2001, , 294-312.		0
200	Body Waves and Surface Waves. , 2001, , 313-351.		0
201	Seismic Waves. , 2001, , 37-65.		0
202	Variations in Regional Phase Propagation in the Area around Japan. Bulletin of the Seismological Society of America, 2001, 91, 667-682.	2.3	42
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