Brian Kennett

List of Publications by Year in Descending Order

347 papers	16,940 citations	62 h-index	120 g-index
381 ext. papers	18,718 ext. citations	3.5 avg, IF	6.89 L-index

#	Paper	IF	Citations
347	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	2.4	1
346	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	5.3	2
345	Azimuthal Variation of Lithospheric Heterogeneity in the Northwest Pacific Inferred From Po/So Propagation Characteristics and Anomalously Large Ground Motion of Deep In-Slab Earthquakes. *Journal of Geophysical Research: Solid Earth*, **2021**, 126, e2021JB021717	3.6	1
344	The transition from the Thomson Orogen to the North Australian Craton from seismic data. *Australian Journal of Earth Sciences*, **2021**, 68, 628-640	1.4	1
343	Radial earth models revisited. *Geophysical Journal International*, **2020**, 222, 2189-2204	2.6	6
342	Propagation of distinct Love-wave pulses from regional to teleseismic distances in continental and oceanic environments. *Geophysical Journal International*, **2020**, 221, 665-682	2.6	1
341	Intra-plate volcanism in North Queensland and eastern new Guinea: A cryptic mantle plume?. *Gondwana Research*, **2020**, 79, 209-216	5.1	3
340	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	3	4
339	Unveiling a continent. *Astronomy and Geophysics*, **2020**, 61, 6.34-6.40	0.2	0
338	Towards constitutive equations for the deep Earth II: Shear properties under pressure. *Physics of the Earth and Planetary Interiors*, **2020**, 307, 106558	2.3	2
337	Preview of The Australian continent: a geophysical synthesis. *Preview*, **2019**, 2019, 39-48	0.2	1
336	Crustal Imaging With Bayesian Inversion of Teleseismic P Wave Coda Autocorrelation. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 5888-5906	3.6	12
335	Retrieval of Interstation Local Body Waves From Teleseismic Coda Correlations. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 2957-2969	3.6	4
334	The Significance of Long-Period Ground Motion at Regional to Teleseismic Distances From the 610-km Deep Mw 8.3 Sea of Okhotsk Earthquake of 24 May 2013. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 9075-9094	3.6	2
333	Significant P wave conversions from upgoing S waves generated by very deep earthquakes around Japan. *Progress in Earth and Planetary Science*, **2019**, 6,	3.9	2
332	Areal parameter estimates from multiple datasets. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, **2019**, 475, 20190352	2.4	1
331	AusArray: Toward updatable, high-resolution seismic velocity models of the Australian lithosphere. *ASEG Extended Abstracts*, **2019**, 2019, 1-4	0.2	

330	Sn-wave velocity structure of the uppermost mantle beneath the Australian continent. *Geophysical Journal International*, **2018**, 213, 2071-2084	2.6	5
329	Earth's Correlation Wavefield: Late Coda Correlation. *Geophysical Research Letters*, **2018**, 45, 3035-3042	4.9	33
328	Evolution of the correlation wavefield extracted from seismic event coda. *Physics of the Earth and Planetary Interiors*, **2018**, 282, 100-109	2.3	4
327	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	2.4	7
326	The Australian Continent: A Geophysical Synthesis **2018**,		8
325	Regional Distance PL Phase in the Crustal Waveguide: An Analog to the Teleseismic W Phase in the Upper-Mantle Waveguide. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 4007-4024	3.6	6
324	Continental Lithospheric Layering Beneath Stable, Modified, and Destroyed Cratons from Seismic Daylight Imaging. *Geophysical Monograph Series*, **2018**, 155-176	1.1	1
323	Lithospheric discontinuities in Central Australia. *Tectonophysics*, **2018**, 744, 10-22	3.1	15
322	Mid-lithosphere discontinuities beneath the western and central North China Craton. *Geophysical Research Letters*, **2017**, 44, 1302-1310	4.9	39
321	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	3.9	9
320	Crustal surface wave velocity structure of the east Albany-Fraser Orogen, Western Australia, from ambient noise recordings. *Geophysical Journal International*, **2017**, 210, 1641-1651	2.6	2
319	Simultaneous use of multiple seismic arrays. *Geophysical Journal International*, **2017**, ggx027	2.6	1
318	Lg-wave attenuation in the Australian crust. *Tectonophysics*, **2017**, 717, 413-424	3.1	14
317	High-frequency ground motion from Australian earthquakes. *Australian Journal of Earth Sciences*, **2017**, 64, 769-777	1.4	1
316	Unusual Strong Ground Motion Across Japan From the 680‐km Deep 30 May 2015 Ogasawara Islands Earthquake. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 8143-8162	3.6	13
315	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	5.3	25
314	Towards constitutive equations for the deep Earth. *Physics of the Earth and Planetary Interiors*, **2017**, 270, 40-45	2.3	3
313	Interactions of multi-scale heterogeneity in the lithosphere: Australia. *Tectonophysics*, **2017**, 717, 193-213	3.1	20

312	Enhanced waveguide effect for deep-focus earthquakes in the subducting Pacific slab produced by a metastable olivine wedge. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 6779-6796	3.6	8
311	Receiver structure from teleseisms: Autocorrelation and cross correlation. *Geophysical Research Letters*, **2016**, 43, 6234-6242	4.9	30
310	Uppermost mantle structure beneath eastern China and its surroundings from Pn and Sn tomography. *Geophysical Research Letters*, **2016**, 43, 3143-3149	4.9	13
309	Multiscale seismic heterogeneity in the continental lithosphere. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 791-809	3.6	15
308	Imaging architecture of the Jakarta Basin, Indonesia with transdimensional inversion of seismic noise. *Geophysical Journal International*, **2016**, 204, 918-931	2.6	37
307	Deep Crustal Seismic Reflection Profiling **2016**,		6
306	Uppermost mantle structure of the Australian continent from Pn traveltime tomography. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 2004-2019	3.6	13
305	Uppermost mantle P wavespeed structure beneath eastern China and its surroundings. *Tectonophysics*, **2016**, 683, 12-26	3.1	10
304	Maximum depth of magnetisation of Australia, its uncertainty, and implications for Curie depth. *GeoResJ*, **2015**, 7, 70-77		17
303	Spiral-Arm Seismic Arrays. *Bulletin of the Seismological Society of America*, **2015**, 105, 2109-2116	2.3	13
302	Lithosphere–asthenosphere P-wave reflectivity across Australia. *Earth and Planetary Science Letters* , **2015**, 431, 225-235	5.3	37
301	Stacking autocorrelograms to map Moho depth with high spatial resolution in southeastern Australia. *Geophysical Research Letters*, **2015**, 42, 7490-7497	4.9	43
300	The lithosphere-asthenosphere transition and radial anisotropy beneath the Australian continent. *Geophysical Research Letters*, **2015**, 42, 3839-3846	4.9	26
299	The nature of the Moho in Australia from reflection profiling: A review. *GeoResJ*, **2015**, 5, 74-91		24
298	Toward the reconciliation of seismological and petrological perspectives on oceanic lithosphere heterogeneity. *Geochemistry, Geophysics, Geosystems*, **2015**, 16, 3129-3141	3.6	16
297	Anisotropy in the subducting slab: Observations from Philippine Sea plate events in Taiwan. *Geophysical Research Letters*, **2015**, 42, 10,248	4.9	3
296	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	1.4	5
295	A review of crust and upper mantle structure beneath the Indian subcontinent. *Tectonophysics*, **2015**, 644-645, 1-21	3.1	47

294	Origin of Lateral Heterogeneities in the Upper Mantle Beneath South-east Australia from Seismic Tomography **2015**, 47-78		7
293	Comparison of crustal and upper mantle heterogeneity in different time periods: Indonesian subduction zone to northern Australia. *Earthquake Science*, **2014**, 27, 47-55	1.5	
292	Tracking earthquake source evolution in 3-D. *Geophysical Journal International*, **2014**, 198, 867-879	2.6	3
291	Transportable seismic array tomography in southeast Australia: Illuminating the transition from Proterozoic to Phanerozoic lithosphere. *Lithos*, **2014**, 189, 65-76	2.9	27
290	Tracking high-frequency seismic source evolution: 2004 Mw 8.1 Macquarie event. *Geophysical Research Letters*, **2014**, 41, 1187-1193	4.9	13
289	Progress in Deep Seismic Reflection Transects Across Australia. *Preview*, **2014**, 2014, 47-50	0.2	
288	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
287	High-frequency Po/So guided waves in the oceanic lithosphere: II. Heterogeneity and attenuation. *Geophysical Journal International*, **2014**, 199, 614-630	2.6	18
286	Structure of the Mt Isa region from seismic ambient noise tomography. *Australian Journal of Earth Sciences*, **2013**, 60, 707-718	1.4	5
285	High-frequency Po/So guided waves in the oceanic lithosphere: I. Long-distance propagation. *Geophysical Journal International*, **2013**, 195, 1862-1877	2.6	29
284	Separating intrinsic and apparent anisotropy. *Physics of the Earth and Planetary Interiors*, **2013**, 219, 11-20	2.3	50
283	A review of the 2011 Tohoku-Oki earthquake (Mw 9.0): Large-scale rupture across heterogeneous plate coupling. *Tectonophysics*, **2013**, 586, 15-34	3.1	95
282	100years of seismic research on the Moho. *Tectonophysics*, **2013**, 609, 9-44	3.1	30
281	Australia's Moho: A test of the usefulness of gravity modelling for the determination of Moho depth. *Tectonophysics*, **2013**, 609, 468-479	3.1	52
280	Imaging crustal structure variation across southeastern Australia. *Tectonophysics*, **2013**, 582, 112-125	3.1	15
279	Role of lithosphere in intra-continental deformation: Central Australia. *Gondwana Research*, **2013**, 24, 958-968	5.1	24
278	The Moho in Australia and New Zealand. *Tectonophysics*, **2013**, 609, 288-298	3.1	66
277	Australian Seismological Reference Model (AuSREM): mantle component. *Geophysical Journal International*, **2013**, 192, 871-887	2.6	64

276	Crustal architecture of the Capricorn Orogen, Western Australia and associated metallogeny. *Australian Journal of Earth Sciences*, **2013**, 60, 681-705	1.4	105
275	Crustal properties from seismic station autocorrelograms. *Geophysical Journal International*, **2013**, 192, 861-870	2.6	66
274	Australian Seismological Reference Model (AuSREM): crustal component. *Geophysical Journal International*, **2013**, 192, 190-206	2.6	45
273	Crustal complexity in the Lachlan Orogen revealed from teleseismic receiver functions. *Australian Journal of Earth Sciences*, **2013**, 60, 413-430	1.4	5
272	High-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	3.6	13
271	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	2.6	9
270	Probabilistic surface reconstruction from multiple data sets: An example for the Australian Moho. *Journal of Geophysical Research*, **2012**, 117,		45
269	A unified concept for comparison of seismograms using transfer functions. *Geophysical Journal International*, **2012**, no-no	2.6	7
268	Interlocking of heterogeneous plate coupling and aftershock area expansion pattern for the 2011 Tohoku-Oki Mw9 earthquake. *Geophysical Research Letters*, **2012**, 39, n/a-n/a	4.9	15
267	Crustal structure of Australia from ambient seismic noise tomography. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		67
266	AuSREM: Australian Seismological Reference Model. *Australian Journal of Earth Sciences*, **2012**, 59, 1091-1103	1.4	34
265	Lithospheric Framework of Australia. *Episodes*, **2012**, 35, 9-22	1.6	22
264	Structural controls on the Mw 9.0 2011 Offshore-Tohoku earthquake. *Earth and Planetary Science Letters*, **2011**, 310, 462-467	5.3	13
263	AusMoho: the variation of Moho depth in Australia. *Geophysical Journal International*, **2011**, 187, 946-958	2.6	93
262	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	5.1	38
261	Seismic wave attenuation beneath the Australasian region. *Australian Journal of Earth Sciences*, **2011**, 58, 285-295	1.4	25
260	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	5.3	145
259	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	2.3	19

258	Tears or thinning? Subduction structures in the Pacific plate beneath the Japanese Islands. *Physics of the Earth and Planetary Interiors*, **2010**, 180, 52-58	2.3	27
257	Ambient seismic noise tomography of Australian continent. *Tectonophysics*, **2010**, 481, 116-125	3.1	114
256	Reply to comment by S. Crampin on "Global anisotropic phase velocity maps for higher mode Love and Rayleigh waves" *Geophysical Journal International*, **2009**, 177, 99-103	2.6	
255	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	2.6	45
254	Full seismic waveform tomography for upper-mantle structure in the Australasian region using adjoint methods. *Geophysical Journal International*, **2009**, 179, 1703-1725	2.6	275
253	Plate reconstructions and tomography reveal a fossil lower mantle slab below the Tasman Sea. *Earth and Planetary Science Letters*, **2009**, 278, 143-151	5.3	43
252	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	2.3	22
251	NW Australian intraplate seismicity and stress regime. *Journal of Geophysical Research*, **2009**, 114,		16
250	Upper mantle anisotropy beneath Australia and Tahiti from P wave polarization: Implications for real-time earthquake location. *Journal of Geophysical Research*, **2009**, 114,		26
249	Seismic Wave Propagation in Stratified Media **2009**,		14
248	Boudinage of a stretching slablet implicated in earthquakes beneath the Hindu Kush. *Nature Geoscience*, **2008**, 1, 196-201	18.3	57
247	Stochastic waveguide in the lithosphere: Indonesian subduction zone to Australian craton. *Geophysical Journal International*, **2008**, 172, 363-382	2.6	46
246	Global anisotropic phase velocity maps for higher mode Love and Rayleigh waves. *Geophysical Journal International*, **2008**, 172, 1016-1032	2.6	66
245	Theoretical background for continental- and global-scale full-waveform inversion in the time-frequency domain. *Geophysical Journal International*, **2008**, 175, 665-685	2.6	170
244	Steps in lithospheric thickness within eastern Australia, evidence from surface wave tomography. *Tectonics*, **2008**, 27, n/a-n/a	4.3	100
243	Teleseismic tomography of the upper mantle beneath the southern Lachlan Orogen, Australia. *Physics of the Earth and Planetary Interiors*, **2008**, 167, 84-97	2.3	44
242	Probability of radial anisotropy in the deep mantle. *Earth and Planetary Science Letters*, **2008**, 270, 241-250	5.3	62
241	Reply to comment by A. Tommasi and D. Mainprice on Visser et al. (2008), "Probability of radial anisotropy in the deep mantle" [Earth Planet Sci. Lett. 270 (2008) 241–250]. *Earth and Planetary Science Letters*, **2008**, 276, 226-227	5.3	1

240	Automatic infrasonic signal detection using the Hough transform. *Journal of Geophysical Research*, **2008**, 113,		14
239	Core structure and heterogeneity: a seismological perspective*View all notes. *Australian Journal of Earth Sciences*, **2008**, 55, 419-431	1.4	19
238	Dynamic Earth: crustal and mantle heterogeneity. *Australian Journal of Earth Sciences*, **2008**, 55, 265-279	1.4	18
237	Geophysical Continua: Deformation in the Earth's Interior **2008**,		12
236	Global Love wave overtone measurements. *Geophysical Research Letters*, **2007**, 34,	4.9	22
235	A slab in depth: Three-dimensional geometry and evolution of the Indo-Australian plate. *Geochemistry, Geophysics, Geosystems*, **2007**, 8, n/a-n/a	3.6	68
234	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	5	30
233	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	22
232	Developments in passive seismic techniques through the ANSIR National Research Facility. *ASEG Extended Abstracts*, **2006**, 2006, 1-5	0.2	1
231	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	1.4	26
230	Three-dimensional visualization of a near-vertical slab tear beneath the southern Mariana arc. *Geochemistry, Geophysics, Geosystems*, **2006**, 7, n/a-n/a	3.6	47
229	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		72
228	Lithospheric structure of Tasmania from a novel form of teleseismic tomography. *Journal of Geophysical Research*, **2006**, 111, n/a-n/a		86
227	Evolution of mantle structure beneath the northwest Pacific: Evidence from seismic tomography and paleogeographic reconstructions. *Tectonics*, **2006**, 25, n/a-n/a	4.3	19
226	The apparently isotropic Australian upper mantle. *Geophysical Research Letters*, **2006**, 33,	4.9	21
225	Morphology of the distorted subducted Pacific slab beneath the Hokkaido corner, Japan. *Physics of the Earth and Planetary Interiors*, **2006**, 156, 1-11	2.3	28
224	Non-linear methods for event location in a global context. *Physics of the Earth and Planetary Interiors*, **2006**, 158, 46-54	2.3	10
223	On seismological reference models and the perceived nature of heterogeneity. *Physics of the Earth and Planetary Interiors*, **2006**, 159, 129-139	2.3	18

222	An integrated multi-scale 3D seismic model of the Archaean Yilgarn Craton, Australia. *Tectonophysics*, **2006**, 420, 75-90	3.1	23
221	Detailed teleseismic imaging of the crust and upper mantle beneath southeast Australia. *ASEG Extended Abstracts*, **2006**, 2006, 1-5	0.2	0
220	Developments in passive seismic techniques through the ANSIR National Research Facility. *Exploration Geophysics*, **2006**, 37, 278-285	1	3
219	Contrasts in lithospheric structure within the Australian craton□nsights from surface wave tomography. *Earth and Planetary Science Letters*, **2005**, 231, 163-176	5.3	132
218	Heterogeneity within the subducting Pacific slab beneath the Izu□Bonin□Mariana arc: Evidence from tomography using 3D ray tracing inversion techniques. *Earth and Planetary Science Letters*, **2005**, 235, 331-342	5.3	59
217	Continental scale shear wave splitting analysis: Investigation of seismic anisotropy underneath the Australian continent. *Earth and Planetary Science Letters*, **2005**, 236, 106-119	5.3	40
216	The relationship of the seismic source and subduction zone structure for the 2004 December 26 Sumatra□Andaman earthquake. *Earth and Planetary Science Letters*, **2005**, 239, 1-8	5.3	45
215	Stochastic features of scattering. *Physics of the Earth and Planetary Interiors*, **2005**, 148, 131-148	2.3	15
214	Studies of the Earth's Deep Interior□Eighth Symposium. *Physics of the Earth and Planetary Interiors* , **2005**, 153, 1-2	2.3	8
213	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,	4.9	19
212	Subduction zone guided waves and the heterogeneity structure of the subducted plate: Intensity anomalies in northern Japan. *Journal of Geophysical Research*, **2005**, 110,		109
211	Sensitivity kernels for finite-frequency surface waves. *Geophysical Journal International*, **2005**, 162, 910-926	2.6	39
210	Global azimuthal seismic anisotropy and the unique plate-motion deformation of Australia. *Nature*, **2005**, 433, 509-12	50.4	232
209	Contrasts in mantle structure beneath Australia: relation to Tasman Lines?. *Australian Journal of Earth Sciences*, **2004**, 51, 563-569	1.4	45
208	Rapid estimation of relative and absolute delay times across a network by adaptive stacking. *Geophysical Journal International*, **2004**, 157, 332-340	2.6	109
207	Consistency regions in non-linear inversion. *Geophysical Journal International*, **2004**, 157, 583-588	2.6	5
206	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	2.6	8
205	Multimode surface wave tomography for the Australian region using a three-stage approach incorporating finite frequency effects. *Journal of Geophysical Research*, **2004**, 109,		97

204	Effects of the density perturbation in scattering. *Geophysical Research Letters*, **2004**, 31, n/a-n/a	4.9	5
203	Imaging changes in morphology, geometry, and physical properties of the subducting Pacific plate along the Izu-Bonin-Mariana arc. *Earth and Planetary Science Letters*, **2004**, 224, 363-370	5.3	53
202	Seismic heterogeneity in the mantle: Strong shear wave signature of slabs from joint tomography. *Physics of the Earth and Planetary Interiors*, **2004**, 146, 87-100	2.3	35
201	On the observation of high frequency PKiKP and its coda in Australia. *Physics of the Earth and Planetary Interiors*, **2004**, 146, 497-511	2.3	47
200	Seismological Insights into Heterogeneity Patterns in the Mantle. *Geophysical Monograph Series*, **2004**, 43-57	1.1	
199	Lithospheric Structure in the Australian Region - A Synthesis of Surface Wave and Body Wave Studies. *Exploration Geophysics*, **2004**, 35, 242-250	1	10
198	Seismic structure in the mantle beneath Australia **2003**,		21
197	Signal Parameter Estimation for Sparse Arrays. *Bulletin of the Seismological Society of America*, **2003**, 93, 1765-1772	2.3	9
196	Seismic structure of the Yilgarn Craton, Western Australia. *Australian Journal of Earth Sciences*, **2003**, 50, 427-438	1.4	41
195	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	1.4	37
194	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	2.6	22
193	Contrasts in regional seismic wave propagation to station WMQ in central Asia. *Geophysical Journal International*, **2003**, 155, 44-56	2.6	8
192	Variations in crustal structure across the transition from West to East Antarctica, Southern Victoria Land. *Geophysical Journal International*, **2003**, 155, 870-880	2.6	69
191	Improved inversion for seismic structure using transformed, S-wavevector receiver functions: Removing the effect of the free surface. *Geophysical Research Letters*, **2003**, 30,	4.9	42
190	Joint bulk-sound and shear tomography for Western Pacific subduction zones. *Earth and Planetary Science Letters*, **2003**, 210, 527-543	5.3	117
189	Surface-wave studies of the Australian region **2003**,		6
188	Regional Phases I - Propagation in the Crust and Uppermost Mantle **2002**, 42-77		
187	Regional Phases II - The Influence of Structure **2002**, 78-107		

186 Propagation in the Upper Mantle **2002**, 108-125

185 Analysis of Regional and Far-Regional Seismograms **2002**, 163-186

184 Body Waves in the Mantle **2002**, 223-257

183 Surface Waves and Modal Analysis **2002**, 280-318

182 Receiver Based Studies **2002**, 319-352

181 Imaging the Earth **2002**, 426-438

180 3-D Global Structure **2002**, 439-460

179 Paths and Travel times **2002**, 488-501

178 Near Events **2002**, 3-27

177 Propagation Effects at Near Distances **2002**, 28-41

176 Upper Mantle Structure **2002**, 126-162

175 The Nature of the Global Wavefield **2002**, 189-222

174 Analysis of Seismic Records **2002**, 353-398

173 The Influence of Heterogeneity **2002**, 401-425

172 Body Waves and the Earth's Core **2002**, 258-279

171 Mapping the Lithosphere and Upper Mantle **2002**, 461-487 1

170 On a Wavelet-Based Method for the Numerical Simulation of Wave Propagation. *Journal of Computational Physics*, **2002**, 183, 577-622 4.1 29

169 The Influence of 3-D Structure on the Propagation of Seismic Waves Away from Earthquakes. *Pure and Applied Geophysics*, **2002**, 159, 2113-2131 2.2 4

168	Non-linear waveform inversion for surface waves with a neighbourhood algorithm-application to multimode dispersion measurements. *Geophysical Journal International*, **2002**, 149, 118-133	2.6	78
167	Determination of the influence zone for surface wave paths. *Geophysical Journal International*, **2002**, 149, 440-453	2.6	128
166	Frequency dependence of seismic wave attenuation in the upper mantle beneath the Australian region. *Geophysical Journal International*, **2002**, 150, 45-57	2.6	23
165	A reappraisal of regional surface wave tomography. *Geophysical Journal International*, **2002**, 150, 37-44	2.6	52
164	A wavelet-based method for simulation of two-dimensional elastic wave propagation. *Geophysical Journal International*, **2002**, 150, 610-638	2.6	18
163	The Influence of 3-D Structure on the Propagation of Seismic Waves Away from Earthquakes **2002**, 2113-2131		19
162	The Seismic Wavefield **2002**,		56
161	Variations in Regional Phase Propagation in the Area around Japan. *Bulletin of the Seismological Society of America*, **2001**, 91, 667-682	2.3	31
160	Regional phases in continental and oceanic environments. *Geophysical Journal International*, **2001**, 146, 562-568	2.6	47
159	Phase identification and attribute analysis of broadband seismograms at far-regional distances **2001**, 5, 217-231		30
158	Seismic Event Location: Nonlinear Inversion Using a Neighbourhood Algorithm **2001**, 158, 241-257		66
157	Representations of Seismicity. *Geochemistry, Geophysics, Geosystems*, **2001**, 2, n/a-n/a	3.6	2
156	Earthquakes and Earth Structure **2001**, 21-36		
155	Seismic Sources **2001**, 66-77		
154	Seismic Phases **2001**, 78-104		
153	Building a Seismogram **2001**, 105-126		
152	Stress and Strain **2001**, 129-135		
151	Seismic Waves I - Plane Waves **2001**, 136-151		

150	Seismic Waves II - Wavefronts and Rays **2001**, 152-167		
149	Rays in Stratification **2001**, 168-188		
148	Seismic Sources **2001**, 189-207		
147	Waves in Stratification **2001**, 208-239		1
146	Reflection and Transmission **2001**, 240-259		
145	Building the Response of a Model **2001**, 260-293		
144	Constructing the Wavefield **2001**, 294-312		
143	Body Waves and Surface Waves **2001**, 313-351		
142	Appendix: Table of Notation **2001**, 352-356		
141	Seismic Waves **2001**, 37-65		
140	The Seismic Wavefield **2001**,		73
139	Source Depth and Mechanism Inversion at Teleseismic Distances Using a Neighborhood Algorithm. *Bulletin of the Seismological Society of America*, **2000**, 90, 1369-1383	2.3	18
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