Roman Pevzner

List of Publications by Year
in descending order

187	2,410	331670 21	254184 43
papers	citations	h-index	g-index

191	191	191	1517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring subsurface changes by tracking direct-wave amplitudes and traveltimes in continuous distributed acoustic sensor VSP data. Geophysics, 2022, 87, A1-A6.	2.6	7
2	Experimental study of temperature change effect on distributed acoustic sensing continuous measurements. Geophysics, 2022, 87, D111-D122.	2.6	10
3	Distributed fiber-optic sensing transforms an abandoned well into a permanent geophysical monitoring array: A case study from Australian South West. The Leading Edge, 2022, 41, 140-148.	0.7	4
4	The CO2CRC Otway shallow CO2 controlled release experiment: Fault characterization and geophysical monitoring design. International Journal of Greenhouse Gas Control, 2022, 118, 103667.	4.6	3
5	Detection of Seismic Events by Combined Horizontal and Vertical Permanent Das Arrays at Curtin University Campus. , 2022, , .		0
6	A Small CO₂ Leakage May Induce Seismicity on a Subâ€Seismic Fault in a Goodâ€Porosity Clastic Saline Aquifer. Geophysical Research Letters, 2022, 49, .	4.0	7
7	Advanced time-lapse processing of continuous DAS VSP data for plume evolution monitoring: Stage 3 of the CO2CRC Otway project case study. International Journal of Greenhouse Gas Control, 2022, 119, 103716.	4.6	4
8	Seismic monitoring of CO2 geosequestration using multi-well 4D DAS VSP: Stage 3 of the CO2CRC Otway project. International Journal of Greenhouse Gas Control, 2022, 119, 103726.	4.6	5
9	Innovation and instrumentation in CO2 monitoring wells for reservoir surveillance and advanced diagnostics. APPEA Journal, 2021, 61, 530.	0.2	1
10	Effects of Cable Deployment Method on Das VSP Data Quality: Study at CO2CRC Otway in-situ Laboratory. , 2021, , .		6
11	Estimation of Pâ€wave anisotropy parameters from 3D vertical seismic profile with distributed acoustic sensors and geophones for seismic imaging in the CO2CRC Otway Project. Geophysical Prospecting, 2021, 69, 842-855.	1.9	4
12	Toward Automated Early Detection of Risks for a CO 2 Plume Containment From Permanent Seismic Monitoring Data. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021087.	3.4	2
13	An automated system for continuous monitoring of CO2 geosequestration using multi-well offset VSP with permanent seismic sources and receivers: Stage 3 of the CO2CRC Otway Project. International Journal of Greenhouse Gas Control, 2021, 108, 103317.	4.6	23
14	Seismic characterization of CO2 storage driven by time-lapse images of a prior injection using the artificial neural network. Interpretation, 2021, 9, T911-T925.	1.1	0
15	Distributed acoustic sensing/surface orbital vibrator: Rotary seismic sources with fiber-optic sensing facilitates autonomous permanent reservoir monitoring. Geophysics, 2021, 86, P61-P68.	2.6	8
16	Seismic monitoring of a small CO2 injection using a multi-well DAS array: Operations and initial results of Stage 3 of the CO2CRC Otway project. International Journal of Greenhouse Gas Control, 2021, 110, 103437.	4.6	17
17	Multiwell 3D distributed acoustic sensing vertical seismic profile imaging with engineered fibers: CO2CRC Otway Project case study. Geophysics, 2021, 86, D241-D248.	2.6	8
18	Laboratory measurements with DAS: A fast and sensitive tool to obtain elastic properties at seismic frequencies. The Leading Edge, 2021, 40, 655-661.	0.7	3

#	Article	IF	Citations
19	Compensation of the temperature effect on low-frequency DAS measurements: Case study of the water injection at the Otway site. , 2021, , .		0
20	Processing of multiâ€well offset vertical seismic profile data acquired with distributed acoustic sensors and surface orbital vibrators: Stage 3 of the CO2CRC Otway Project case study. Geophysical Prospecting, 2021, 69, 1664.	1.9	5
21	Deep Neural Networks for Detection and Location of Microseismic Events and Velocity Model Inversion from Microseismic Data Acquired by Distributed Acoustic Sensing Array. Sensors, 2021, 21, 6627.	3.8	20
22	Downhole Distributed Acoustic Sensing Provides Insights Into the Structure of Shortâ€Period Oceanâ€Generated Seismic Wavefield. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021463.	3.4	10
23	Using surface orbital vibrators and DAS for realizing permanent reservoir monitoring â€" Lessons from the CO2CRC Otway Project. , 2021, , .		0
24	Borehole seismic monitoring of CO₂ storage using fiber-optic sensors: Otway Project example. , 2021, , .		0
25	Monitoring variations in subsurface properties using direct-wave arrivals recorded by downhole fiber-optic sensors. , 2021, , .		0
26	Active surface and borehole seismic monitoring of a small supercritical CO2 injection into the subsurface: experience from the CO2CRC Otway Project. , 2020, , 497-522.		9
27	How well can time-lapse seismic characterize a small CO2 leakage into a saline aquifer: CO2CRC Otway 2C experiment (Victoria, Australia). International Journal of Greenhouse Gas Control, 2020, 92, 102854.	4.6	20
28	A controlled CO2 release experiment in a fault zone at the In-Situ Laboratory in Western Australia. International Journal of Greenhouse Gas Control, 2020, 99, 103100.	4.6	19
29	Downhole Surveillance During the Well Lifetime Using Distributed Temperature Sensing. , 2020, , .		2
30	4D surface seismic monitoring the evolution of a small CO2 plume during and after injection: CO2CRC Otway Project study. Exploration Geophysics, 2020, 51, 570-580.	1.1	8
31	Repeat well logging using earthquake wave amplitudes measured by distributed acoustic sensors. The Leading Edge, 2020, 39, 513-517.	0.7	20
32	Technical de-risking of a demonstration CCUS project for final investment decision in Australia. APPEA Journal, 2020, 60, 282.	0.2	5
33	Surface seismics with DAS: An emerging alternative to modern point-sensor acquisition. The Leading Edge, 2020, 39, 808-818.	0.7	31
34	Processing of Continuous Vertical Seismic Profile Data Acquired with Distributed Acoustic Sensors and Surface Orbital Vibrators. , 2020, , .		5
35	Illuminating the geology: Post-injection reservoir characterisation of the CO2CRC Otway site. International Journal of Greenhouse Gas Control, 2019, 86, 146-157.	4.6	30
36	Multiwell study of seismic attenuation at the CO2CRC Otway project geosequestration site: Comparison of amplitude decay, centroid frequency shift and 1D waveform inversion methods. Geophysical Prospecting, 2019, 67, 1778-1797.	1.9	3

#	Article	IF	Citations
37	3D vertical seismic profile acquired with distributed acoustic sensing on tubing installation: A case study from the CO2CRC Otway Project. Interpretation, 2019, 7, SA11-SA19.	1.1	14
38	Surface Seismic with DAS Changes Land Acquisition. , 2019, , .		4
39	The initial appraisal of buried DAS system in CO2CRC Otway Project: the comparison of buried standard fibre-optic and helically wound cables using 2D imaging. Exploration Geophysics, 2019, 50, 12-21.	1.1	5
40	DAS seismic monitoring of the shallow CO₂ controlled-release experiment at the South West Hub In-Situ Laboratory. ASEG Extended Abstracts, 2019, 2019, 1-3.	0.1	2
41	Transforming an abandoned well into a permanent downhole receiver array: Harvey-3 case study. ASEG Extended Abstracts, 2019, 2019, 1-4.	0.1	5
42	Anisotropy analysis from 3D VSP surveys acquired at Otway site. ASEG Extended Abstracts, 2019, 2019, 1-4.	0.1	1
43	Assessment of the permanent seismic sources for borehole seismic monitoring applications: CO2CRC Otway Project. ASEG Extended Abstracts, 2019, 2019, 1-5.	0.1	3
44	In-Situ Laboratory for CO₂ controlled-release experiments and monitoring in a fault zone in Western Australia. ASEG Extended Abstracts, 2019, 2019, 1-3.	0.1	4
45	Trialling distributed acoustic sensing in a sand dune environment. ASEG Extended Abstracts, 2019, 2019, 1-3.	0.1	2
46	Watching the leakage: DAS seismic monitoring of the shallow CO2 controlled-release experiment at the South West Hub In-situ Laboratory. , 2019, , .		4
47	Experimental Measurement of the Effects of Acquisition Parameters on DAS Data Quality. , 2019, , .		3
48	Effect of Density of Seismic Sources on the Quality of the 4D Seismic Data. , 2019, , .		2
49	PERMANENT DOWNHOLE SEISMIC MONITORING FOR CO2 GEOSEQUESTRATION: STAGE 3 OF THE CO2CRC OTWAY PROJECT. , 2019, , .		1
50	Seismic Interferometry Using Walkaway DAS VSP Data: CO2CRC Otway Project Feasibility Study. , 2019, , .		2
51	Downhole seismic methods for near surface characterisation: Otway Project SRD 3.3 case study. , 2019, , .		1
52	Elastic full-waveform inversion of vertical seismic profile data acquired with distributed acoustic sensors. Geophysics, 2018, 83, R273-R281.	2.6	36
53	How rough sea affects marine seismic data and deghosting procedures. Geophysical Prospecting, 2018, 66, 3-12.	1.9	13
54	Distributed Acoustic Sensing for Mineral Exploration: Case Study. ASEG Extended Abstracts, 2018, 2018, 1-4.	0.1	2

#	Article	IF	Citations
55	Feasibility of Seismic Monitoring of CCS in Perth Basin. ASEG Extended Abstracts, 2018, 2018, 1-1.	0.1	0
56	A Comparison of a Conventional Borehole Tool and Distributed Acoustic Sensing at a Dedicated Field Laboratory. ASEG Extended Abstracts, 2018, 2018, 1-3.	0.1	1
57	The CO2CRC Otway shallow CO2 controlled release experiment: Preparation for Phase 2. Energy Procedia, 2018, 154, 145-150.	1.8	7
58	Evaluation of Sensitivity of Downhole Temperature Estimates From Distributed Temperature Sensing Measurements. Energy Procedia, 2018, 154, 106-111.	1.8	6
59	Estimation of elastic anisotropy from three-component ultrasonic measurements using laser Doppler interferometry. Exploration Geophysics, 2018, 49, 744-750.	1.1	0
60	Potential of full waveform inversion of vertical hard rock environment seismic profile data in. ASEG Extended Abstracts, 2018, 2018, 1-3.	0.1	1
61	Application of time-lapse full waveform inversion of vertical seismic profile data for the identification of changes introduced by CO2 sequestration. ASEG Extended Abstracts, 2018, 2018, 1-5.	0.1	0
62	Effect of finely-layered stiff carbonates on a seismic response. Northern Carnarvon basin synthetic study. ASEG Extended Abstracts, 2018, 2018, 1-6.	0.1	2
63	Surface seismic with DAS: Looking deep and shallow at the same time. , 2018, , .		9
64	Application of 3D VSP acquired with DAS and 3C geophones for site characterization and monitoring program design: preliminary results from Stage 3 of the CO2CRC Otway project. , 2018, , .		13
65	Study of intrinsic versus scattering attenuation of seismic waves from borehole measurements. , 2018, , .		1
66	3D VSP for Monitoring of the Injection of Small Quantities of CO2 â€“ CO2CRC Otway Case Study. , 2018, , .		7
67	Optimising DAS VSP data acquisition parameters: theory and experiments at Curtin training well facility. , 2018, , .		4
68	Multi-well Study of Seismic Attenuation at the CO2CRC Otway Project Geosequestration Site. , 2018, , .		0
69	Feasibility of Passive Vertical Seismic Profiling Using Distributed Acoustic Sensing for Monitoring Applications. , 2018, , .		3
70	A Feasibility Study of Time-Lapse FWI on DAS VSP Data Acquired with Permanent Sources. , 2018, , .		2
71	3D Vertical Seismic Profiling Acquired Using Fibre-Optic Sensing Das â€“ Results From The CO2CRC Otway Project. ASEG Extended Abstracts, 2018, 2018, 1-5.	0.1	2
72	Time-lapse surface seismic processing for Stage 2C of CO2CRC Otway Project. ASEG Extended Abstracts, 2018, 2018, 1-6.	0.1	2

#	Article	IF	Citations
73	Rock-physics based time-lapse inversion in Delivery4D: synthetic feasibility study for CO2CRC Otway Project. ASEG Extended Abstracts, 2018, 2018, 1-4.	0.1	0
74	Validating Subsurface Monitoring as an Alternative Option to Surface M&V - The CO2CRC's Otway Stage 3 Injection. Energy Procedia, 2017, 114, 3374-3384.	1.8	23
75	The CO2CRC Otway Shallow CO2 Controlled Release Experiment: Site Suitability Assessment. Energy Procedia, 2017, 114, 3671-3678.	1.8	8
76	Stage 2C of the CO2CRC Otway Project: Seismic Monitoring Operations and Preliminary Results. Energy Procedia, 2017, 114, 3997-4007.	1.8	14
77	Shallow Geology of the CO2CRC Otway Site: Evidence for Previously Undetected Neotectonic Features?. Energy Procedia, 2017, 114, 4424-4435.	1.8	3
78	CO2 Storage Site Characterisation using Combined Regional and Detailed Seismic Data: Harvey, Western Australia. Energy Procedia, 2017, 114, 2896-2905.	1.8	0
79	Timeâ€lapse full waveform inversion of vertical seismic profile data: Workflow and application to the CO2CRC Otway project. Geophysical Research Letters, 2017, 44, 7211-7218.	4.0	28
80	Analysis of signal to noise and directivity characteristics of DAS VSP at near and far offsets â€" A CO2CRC Otway Project data example. The Leading Edge, 2017, 36, 994a1-994a7.	0.7	94
81	4D surface seismic tracks small supercritical CO2 injection into the subsurface: CO2CRC Otway Project. International Journal of Greenhouse Gas Control, 2017, 63, 150-157.	4.6	51
82	Passive seismic imaging at reservoir depths using ambient seismic noise recorded at the Otway CO2 geological storage research facility. Geophysical Journal International, 2017, 209, 1622-1628.	2.4	13
83	Seismic monitoring of CO2 geosequestration: Preliminary results from Stage 2C of the CO2CRC Otway Project one year post injection. , 2017, , .		4
84	Full Waveform Inversion of Time-lapse Offset VSP Data - CO2CRC Otway Project Case Study. , 2017, , .		0
85	Surface orbital vibrator for permanent seismic monitoring: A signal contents and repeatability appraisal. , 2017, , .		5
86	Estimation of Intrinsic Q in Finely-layered Media by Wavefield Inversion of VSP Data - Australian North West Shelf Case-study. , 2017, , .		1
87	Distributed Acoustic Sensing Applied to 4D Seismic - Preliminary Results from the CO2CRC Otway Site Field Trials. , 2017, , .		6
88	Offset VSP for Monitoring of the Injection of Small Quantities of CO2 â€" CO2CRC Otway Case Study. , 2017, , .		5
89	Amplitude and Phase Response of DAS Receivers. , 2017, , .		25
90	Time-lapse Seismic Data Inversion for CO2 Sequestration CO2CRC Otway Project. , 2017, , .		2

#	Article	IF	Citations
91	Model-guided Processing of Time-lapse Seismic for Real-time Monitoring of CO2 Geosequestration - CO2CRC Otway Project Case Study. , 2017, , .		1
92	Offset VSP for the Reservoir Monitoring. , 2017, , .		1
93	Application of 4D VSP for Monitoring Of Small-Scale Supercritical CO2 Injection: Stage 2C of CO2CRC Otway Project Case Study. , 2017, , .		3
94	Analysis of Subtle Structures Using Different 3D Survey Geometries - CO2CRC Otway Project Case Study. , 2017, , .		0
95	Fault Characterisation from an Ultra-high-resolution Seismic for CO2 Injection Experiment. , 2017, , .		0
96	Seismic Monitoring of a Small-scale Supercritical CO2/CH4 Injection - CO2CRC Otway Stage 2C Case Study. , 2017, , .		1
97	Surface orbital vibrator (SOV) and fiber-optic DAS: Field demonstration of economical, continuous-land seismic time-lapse monitoring from the Australian CO₂CRC Otway site. , 2016, , .		30
98	Inversion of P-wave VSP data for transversely isotropic media. , 2016, , .		0
99	Approach to estimation of intrinsic attenuation by full-wavefield inversion of ZVSP data in combination with well logs. , 2016, , .		0
100	Empirical 3D depth/time dependent coherent noise generation for use in statistical models of seismic data. Journal of Applied Geophysics, 2016, 125, 7-13.	2.1	4
101	Case History: Using timeâ€lapse vertical seismic profiling data to constrain velocityâ€“saturation relations: the Frio brine pilot CO₂ injection. Geophysical Prospecting, 2016, 64, 987-1000.	1.9	8
102	Seismic monitoring of CO 2 geosequestration: CO2CRC Otway case study using full 4D FDTD approach. International Journal of Greenhouse Gas Control, 2016, 49, 201-216.	4.6	34
103	Estimation of seismic attenuation and prediction of VTI anisotropy parameters from VSP and log data: a case study from the Middle East. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	1
104	Carbonate sediment dynamics and compartmentalisation of a highly modified coast: Geraldton, Western Australia. Geomorphology, 2016, 254, 57-72.	2.6	10
105	The CO2CRC Otway Project deployment of a Distributed Acoustic Sensing Network Coupled with Permanent Rotary Sources. , 2016, , .		33
106	Scattering Attenuation from the Coal Seams (Copper Basin, Australia). , 2016, , .		2
107	Subsurface Imaging Using Buried DAS and Geophone Arrays - Preliminary Results from CO2CRC Otway Project. , 2016, , .		14
108	Seismic Monitoring of CO2 Geosequestration - CO2CRC Otway Case Study Using Full 4D Elastic Modelling. , 2016, , .		0

#	Article	IF	Citations
109	Physical property analysis and preserved relative amplitude processed seismic imaging of volcanogenic massive sulfidesâ€"a case study from Nevesâ€"Corvo, Portugal. Geophysical Prospecting, 2015, 63, 798-812.	1.9	14
110	Layer-induced scattering attenuation and VTI anisotropy - NW Shelf Australia synthetic study. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0
111	Feasibility of using passive seismic diffractions for imaging and monitoring. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0
112	Design and deployment of a buried geophone array for CO2 geosequestration monitoring: CO2CRC Otway Project, Stage 2C. , 2015, , .		14
113	Joint inversion of P-, and S-wave travel times for characterisation of anisotropic materials using laser Doppler interferometry measurements. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	1
114	Influence of rough sea surface on sea surface reflections: deep towed high-resolution marine seismic case study. , 2015, , .		1
115	Feasibility of CO₂ plume detection using 4D seismic: CO2CRC Otway Project case study â€" Part 1: Rock-physics modeling. Geophysics, 2015, 80, B95-B104.	2.6	24
116	Feasibility of CO₂ plume detection using 4D seismic: CO2CRC Otway Project case study â€" Part 2: Detectability analysis. Geophysics, 2015, 80, B105-B114.	2.6	19
117	Using time-lapse VSP data to constrain velocity-saturation relations. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	2
118	How frequency dependency of Q affects spectral ratio estimates. Geophysics, 2015, 80, A39-A44.	2.6	28
119	Burying receivers for improved time-lapse seismic repeatability: CO2CRC Otway field experiment. Geophysical Prospecting, 2015, 63, 55-69.	1.9	24
120	Steered migration in hard rock environments. Geophysical Prospecting, 2015, 63, 525-533.	1.9	1
121	Anisotropy from Fine Layering in Coal- and Carbonate-rich Sequences: Well Log Based Modelling Study. , 2015, , .		1
122	Borehole Seismic Monitoring of a Small-scale CO2 Injection - The CO2CRC Otway Project Feasibility Study. , 2015, , .		1
123	Using Fresnel Zone to Characterise and Image Different Types of Diffractors in Low S/N Situations. , 2015, , .		9
124	Feasibility of Cross-well Seismic as CO2 Monitoring Tool. , 2015, , .		0
125	Implications of noise contamination in stochastic time lapse inversion. , 2015, , .		0
126	Diffraction Imaging for Edge Detection. , 2015, , .		0

#	Article	IF	Citations
127	Improving Land Seismic Repeatability Using Buried Geophones: CO2CRC Field Study. , 2015, , .		0
128	Stochastic Time Lapse Seismic Inversion for Monitoring CO2 Sequestration: CO2CRC Otway Project Modelling Study. , 2015, , .		0
129	Stochastic Time-lapse Inversion of a CO2 Sequestration Synthetic Seismic Data. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0
130	Prestack time imaging algorithm with simultaneous velocity estimation in hard rock environments. Exploration Geophysics, 2014, 45, 234-241.	1.1	0
131	Application of diffracted wave analysis to timeâ€lapse seismic data for CO₂ leakage detection. Geophysical Prospecting, 2014, 62, 197-209.	1.9	13
132	How frequency dependency of Q affects spectral ratio estimates?. , 2014, , .		0
133	Layer-induced scattering attenuation and VTI anisotropy â€“ NW Shelf Australia synthetic study. , 2014, , .		1
134	Seismic Attenuation from VSP and Well Log Data - NW Shelf Australia Case Study. , 2014, , .		1
135	Field testing of fiber-optic distributed acoustic sensing (DAS) for subsurface seismic monitoring. The Leading Edge, 2013, 32, 699-706.	0.7	333
136	Reliability of the slowness and slowness-polarization methods for anisotropy estimation in VTI media from 3C walkaway VSP data. Geophysics, 2013, 78, WC93-WC102.	2.6	13
137	3D diffraction imaging of linear features and its application to seismic monitoring. Geophysical Prospecting, 2013, 61, 1206-1217.	1.9	24
138	Feasibility of Time-lapse Seismic Methodology for Monitoring the Injection of Small Quantities of CO2 into a Saline Formation, CO2CRC Otway Project. Energy Procedia, 2013, 37, 4336-4343.	1.8	16
139	In-situ stresses in the Southern Perth Basin at the GSWA Harvey-1 well site. Exploration Geophysics, 2013, 44, 289-298.	1.1	7
140	Time-lapse seismic signal analysis for enhanced oil recovery at Cranfield CO2 sequestration site, Cranfield field, Mississippi. Interpretation, 2013, 1, T157-T166.	1.1	9
141	Modeling of depth variable 3D time-lapse seismic noise based on measured noise at the CO2CRC Otway project. , 2013, , .		3
142	Steering Migration with Diffractions in Seismic Exploration for Hard Rock Environments. , 2013, , .		3
143	Seismic Attenuation from VSP and Well Log Data: Approaches, Problems and Relative Contribution of Scattering. , 2013, , .		10
144	Estimation of Scattering Attenuation from Zero-offset VSP Data: CO2CRC Otway Project Case Study. , 2013, , .		1

#	Article	IF	Citations
145	Estimation of seismic attenuation from zero-offset VSP acquired in hard rock environments. ASEG Extended Abstracts, 2013, 2013, 1-4.	0.1	0
146	Seismic while drilling experiment with diamond drilling at Brukunga, South Australia. ASEG Extended Abstracts, 2013, 2013, 1-4.	0.1	1
147	Safe storage and effective monitoring of CO ₂ in depleted gas fields. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E35-41.	7.1	214
148	Monitoring CO 2 injection into a saline aquifer: Otway Project feasibility study. , 2012, , .		2
149	Application of the velocity-less prestack time migration to the 2D marine line. , 2012, , .		0
150	Evolution of a coquina barrier in Shark Bay, Australia by GPR imaging: Architecture of a Holocene reservoir analog. Sedimentary Geology, 2012, 281, 59-74.	2.1	52
151	Velocity-less time migration in application to hard rock environments. ASEG Extended Abstracts, 2012, 2012, 1-4.	0.1	0
152	Feasibility analysis of drill bit tracking using seismic while drilling technique. ASEG Extended Abstracts, 2012, 2012, 1-4.	0.1	2
153	Prediction of the seismic time-lapse signal of CO₂/CH₄injection into a depleted gas reservoir - Otway Project. ASEG Extended Abstracts, 2012, 2012, 1-4.	0.1	1
154	Estimation of attenuation from zero-offset VSP data: CO2CRC Otway Project case study. , 2012, , .		7
155	Uncertainties in Local Anisotropy Estimation from Multi-offset VSP Data. , 2012, , .		2
156	Velocity-less Pre-stack Time Migration in Application to Hard Rock Environments. , 2012, , .		0
157	Analysis of time lapse seismic signal for an EOR and CCS site, Cranfield, MS. , 2012, , .		0
158	3C laboratory measurement using laser interferometer. ASEG Extended Abstracts, 2012, 2012, 1-4.	0.1	0
159	Estimation of azimuthal anisotropy from VSP data using multicomponent S-wave velocity analysis. Geophysics, 2011, 76, D1-D9.	2.6	22
160	Repeatability analysis of land time-lapse seismic data: CO2CRC Otway pilot project case study. Geophysical Prospecting, 2011, 59, 66-77.	1.9	71
161	Seismic monitoring of CO2 injection into a depleted gas reservoirâ€“Otway Basin Pilot Project, Australia. Energy Procedia, 2011, 4, 3550-3557.	1.8	27
162	Elastic anisotropy estimation from laboratory measurements of velocity and polarization of quasi-P-waves using laser interferometry. Geophysics, 2011, 76, WA83-WA89.	2.6	23

#	Article	IF	Citations
163	Application of Diffracted Wave Analysis to Time-lapse Seismic Data for CO2 Leakage Detection. , 2011, , .		3
164	Ground Roll Repeatability Analysis - CO2CRC Otway Project Case Study. , 2011, , .		2
165	An Early Look at a Time-Lapse 3D VSP. , 2011, , .		2
166	Seismic anisotropy estimation from VSP data: CO2CRC Otway project case study. , 2010, , .		3
167	Time-lapse seismic monitoring of CO2 injection into a depleted gas reservoirâ€"Naylor Field, Australia. The Leading Edge, 2010, 29, 164-169.	0.7	38
168	3C laboratory ultrasound: a new method for measuring elastic anisotropy of rocks. , 2010, , .		1
169	Using time-lapse seismic to monitor injection of CO2 into a depleted gas reservoirâ€"Otway pilot project. APPEA Journal, 2010, 50, 712.	0.2	1
170	Feasibility of borehole reflection seismology for hard rock mineral exploration. , 2010, , .		0
171	Land VSP Seismic Sources Evaluation: CO2CRC Otway Project Case Study. ASEG Extended Abstracts, 2010, 2010, 1-1.	0.1	0
172	Estimation of Azimuthal Anisotropy from VSP Data Using Multicomponent Velocity Analysis. , 2009, , .		4
173	Repeatability of Land Time-lapse Seismic Surveys â€“ Otway Project 2D Test Line Case Study. , 2009, , .		3
174	High resolution 2D deep-towed seismic system for shallow water investigation. First Break, 2008, 26, .	0.4	8
175	Detection of breast cancer with ultrasound tomography: First results with the Computed Ultrasound Risk Evaluation (CURE) prototype. Medical Physics, 2007, 34, 773-785.	3.0	290
176	Development of ultrasound tomography for breast imaging: Technical assessment. Medical Physics, 2005, 32, 1375-1386.	3.0	132
177	Ultrasound tomography of breast tissue. , 2003, , .		11
178	The Co2crc Otway Shallow Co2 Controlled Release Experiment: Fault Characterization and Leakage Scenarios. SSRN Electronic Journal, 0, , .	0.4	1
179	Drilling an Array of Monitoring Wells for a CCS Experiment: Lessons From Otway Stage 3. SSRN Electronic Journal, 0, , .	0.4	5
180	DAS-VSP interferometric imaging: CO2CRC Otway Project feasibility study. Interpretation, 0, , 1-71.	1.1	3

#	Article	IF	Citations
181	The Otway Stage 2c Project â€“ End to End Co2 Storage in a Saline Formation, Comprising Characterisation, Injection and Monitoring. SSRN Electronic Journal, 0, , .	0.4	3
182	Optimising Time-Lapse Seismic Data Processing: Stage 2C of the CO2CRC Otway Project Case Study. SSRN Electronic Journal, 0, , .	0.4	1
183	Fit for Purpose Monitoring - A Progress Report on the CO2CRC Otway Stage 3 Project. SSRN Electronic Journal, 0, , .	0.4	3
184	Repeatability Analysis for Continuous Seismic Monitoring with the Surface Geophone Array and the Permanent Rotary Sources: CO2CRC Otway Stage 2C. SSRN Electronic Journal, 0, , .	0.4	1
185	The South West Hub In-Situ Laboratory â€“ A Facility for CO2 Injection Testing and Monitoring in a Fault Zone. SSRN Electronic Journal, 0, , .	0.4	6
186	The appraisal of surface orbital vibrators with buried geophone array for permanent reservoir monitoring. Geophysical Prospecting, 0, , .	1.9	1
187	Ambient seismic noise in an urban environment: case study using downhole distributed acoustic sensors at the Curtin University campus in Perth, Western Australia. Exploration Geophysics, 0, , 1-14.	1.1	2