

Roman Pevzner

List of Publications by Year in descending order

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187
papers

2,410
citations

331670

21
h-index

254184

43
g-index

191
all docs

191
docs citations

191
times ranked

1517
citing authors

#	ARTICLE	IF	CITATIONS
1	Field testing of fiber-optic distributed acoustic sensing (DAS) for subsurface seismic monitoring. The Leading Edge, 2013, 32, 699-706.	0.7	333
2	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
3	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
4	Development of ultrasound tomography for breast imaging: Technical assessment. Medical Physics, 2005, 32, 1375-1386.	3.0	132
5	Analysis of signal to noise and directivity characteristics of DAS VSP at near and far offsets – A CO2CRC Otway Project data example. The Leading Edge, 2017, 36, 994a1-994a7.	0.7	94
6	Repeatability analysis of land time-lapse seismic data: CO2CRC Otway pilot project case study. Geophysical Prospecting, 2011, 59, 66-77.	1.9	71
7	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
8	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
9	Time-lapse seismic monitoring of CO2 injection into a depleted gas reservoir – Naylor Field, Australia. The Leading Edge, 2010, 29, 164-169.	0.7	38
10	Elastic full-waveform inversion of vertical seismic profile data acquired with distributed acoustic sensors. Geophysics, 2018, 83, R273-R281.	2.6	36
11	Seismic monitoring of CO2 geosequestration: CO2CRC Otway case study using full 4D FDTD approach. International Journal of Greenhouse Gas Control, 2016, 49, 201-216.	4.6	34
12	The CO2CRC Otway Project deployment of a Distributed Acoustic Sensing Network Coupled with Permanent Rotary Sources. , 2016, , .		33
13	Surface seismics with DAS: An emerging alternative to modern point-sensor acquisition. The Leading Edge, 2020, 39, 808-818.	0.7	31
14	Surface orbital vibrator (SOV) and fiber-optic DAS: Field demonstration of economical, continuous-land seismic time-lapse monitoring from the Australian CO ₂ CRC Otway site. , 2016, , .		30
15	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
16	How frequency dependency of Q affects spectral ratio estimates. Geophysics, 2015, 80, A39-A44.	2.6	28
17	Time-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
18	Seismic monitoring of CO2 injection into a depleted gas reservoir – Otway Basin Pilot Project, Australia. Energy Procedia, 2011, 4, 3550-3557.	1.8	27

#	ARTICLE	IF	CITATIONS
19	Amplitude and Phase Response of DAS Receivers. , 2017, , .		25
20	3D diffraction imaging of linear features and its application to seismic monitoring. Geophysical Prospecting, 2013, 61, 1206-1217.	1.9	24
21	Feasibility of CO ₂ plume detection using 4D seismic: CO2CRC Otway Project case study â€” Part 1: Rock-physics modeling. Geophysics, 2015, 80, B95-B104.	2.6	24
22	Burying receivers for improved time-lapse seismic repeatability: CO2CRC Otway field experiment. Geophysical Prospecting, 2015, 63, 55-69.	1.9	24
23	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
24	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
25	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
26	Estimation of azimuthal anisotropy from VSP data using multicomponent S-wave velocity analysis. Geophysics, 2011, 76, D1-D9.	2.6	22
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	Repeat well logging using earthquake wave amplitudes measured by distributed acoustic sensors. The Leading Edge, 2020, 39, 513-517.	0.7	20
29	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
30	Feasibility of CO ₂ plume detection using 4D seismic: CO2CRC Otway Project case study â€” Part 2: Detectability analysis. Geophysics, 2015, 80, B105-B114.	2.6	19
31	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
32	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
33	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
34	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
35	Design and deployment of a buried geophone array for CO2 geosequestration monitoring: CO2CRC Otway Project, Stage 2C. , 2015, , .		14
36	Stage 2C of the CO2CRC Otway Project: Seismic Monitoring Operations and Preliminary Results. Energy Procedia, 2017, 114, 3997-4007.	1.8	14

#	ARTICLE	IF	CITATIONS
37	3D vertical seismic profile acquired with distributed acoustic sensing on tubing installation: A case study from the CO2CRC Otway Project. <i>Interpretation</i> , 2019, 7, SA11-SA19.	1.1	14
38	Subsurface Imaging Using Buried DAS and Geophone Arrays - Preliminary Results from CO2CRC Otway Project. , 2016, , .		14
39	Reliability of the slowness and slowness-polarization methods for anisotropy estimation in VTI media from 3C walkaway VSP data. <i>Geophysics</i> , 2013, 78, WC93-WC102.	2.6	13
40	Application of diffracted wave analysis to time-lapse seismic data for CO ₂ leakage detection. <i>Geophysical Prospecting</i> , 2014, 62, 197-209.	1.9	13
41	Passive seismic imaging at reservoir depths using ambient seismic noise recorded at the Otway CO2 geological storage research facility. <i>Geophysical Journal International</i> , 2017, 209, 1622-1628.	2.4	13
42	How rough sea affects marine seismic data and deghosting procedures. <i>Geophysical Prospecting</i> , 2018, 66, 3-12.	1.9	13
43	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
44	Ultrasound tomography of breast tissue. , 2003, , .		11
45	Carbonate sediment dynamics and compartmentalisation of a highly modified coast: Geraldton, Western Australia. <i>Geomorphology</i> , 2016, 254, 57-72.	2.6	10
46	Seismic Attenuation from VSP and Well Log Data: Approaches, Problems and Relative Contribution of Scattering. , 2013, , .		10
47	Downhole Distributed Acoustic Sensing Provides Insights Into the Structure of Short-Period Ocean-Generated Seismic Wavefield. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021463.	3.4	10
48	Experimental study of temperature change effect on distributed acoustic sensing continuous measurements. <i>Geophysics</i> , 2022, 87, D111-D122.	2.6	10
49	Time-lapse seismic signal analysis for enhanced oil recovery at Cranfield CO2 sequestration site, Cranfield field, Mississippi. <i>Interpretation</i> , 2013, 1, T157-T166.	1.1	9
50	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
51	Surface seismic with DAS: Looking deep and shallow at the same time. , 2018, , .		9
52	Using Fresnel Zone to Characterise and Image Different Types of Diffractors in Low S/N Situations. , 2015, , .		9
53	Case History : Using time-lapse vertical seismic profiling data to constrain velocity-saturation relations: the Frio brine pilot CO ₂ injection. <i>Geophysical Prospecting</i> , 2016, 64, 987-1000.	1.9	8
54	The CO2CRC Otway Shallow CO2 Controlled Release Experiment: Site Suitability Assessment. <i>Energy Procedia</i> , 2017, 114, 3671-3678.	1.8	8

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55	4D surface seismic monitoring the evolution of a small CO ₂ plume during and after injection: CO ₂ CRC Otway Project study. Exploration Geophysics, 2020, 51, 570-580.	1.1	8
56	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
57	Multiwell 3D distributed acoustic sensing vertical seismic profile imaging with engineered fibers: CO ₂ CRC Otway Project case study. Geophysics, 2021, 86, D241-D248.	2.6	8
58	High resolution 2D deep-towed seismic system for shallow water investigation. First Break, 2008, 26, .	0.4	8
59	In-situ stresses in the Southern Perth Basin at the GSWA Harvey-1 well site. Exploration Geophysics, 2013, 44, 289-298.	1.1	7
60	The CO ₂ CRC Otway shallow CO ₂ controlled release experiment: Preparation for Phase 2. Energy Procedia, 2018, 154, 145-150.	1.8	7
61	Estimation of attenuation from zero-offset VSP data: CO ₂ CRC Otway Project case study. , 2012, , .		7
62	3D VSP for Monitoring of the Injection of Small Quantities of CO ₂ â€œ CO ₂ CRC Otway Case Study. , 2018, , .		7
63	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
64	A Small CO ₂ Leakage May Induce Seismicity on a Subâ€œSeismic Fault in a Goodâ€œPorosity Clastic Saline Aquifer. Geophysical Research Letters, 2022, 49, .	4.0	7
65	Evaluation of Sensitivity of Downhole Temperature Estimates From Distributed Temperature Sensing Measurements. Energy Procedia, 2018, 154, 106-111.	1.8	6
66	Effects of Cable Deployment Method on Das VSP Data Quality: Study at CO ₂ CRC Otway in-situ Laboratory. , 2021, , .		6
67	Distributed Acoustic Sensing Applied to 4D Seismic - Preliminary Results from the CO ₂ CRC Otway Site Field Trials. , 2017, , .		6
68	The South West Hub In-Situ Laboratory â€œ A Facility for CO ₂ Injection Testing and Monitoring in a Fault Zone. SSRN Electronic Journal, 0, , .	0.4	6
69	Surface orbital vibrator for permanent seismic monitoring: A signal contents and repeatability appraisal. , 2017, , .		5
70	The initial appraisal of buried DAS system in CO ₂ CRC 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
71	Transforming an abandoned well into a permanent downhole receiver array: Harvey-3 case study. ASEG Extended Abstracts, 2019, 2019, 1-4.	0.1	5
72	Drilling an Array of Monitoring Wells for a CCS Experiment: Lessons From Otway Stage 3. SSRN Electronic Journal, 0, , .	0.4	5

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73	Processing of multi-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
74	Technical de-risking of a demonstration CCUS project for final investment decision in Australia. APPEA Journal, 2020, 60, 282.	0.2	5
75	Offset VSP for Monitoring of the Injection of Small Quantities of CO ₂ – CO2CRC Otway Case Study. , 2017, , .		5
76	Processing of Continuous Vertical Seismic Profile Data Acquired with Distributed Acoustic Sensors and Surface Orbital Vibrators. , 2020, , .		5
77	Seismic monitoring of CO ₂ 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
78	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
79	Seismic monitoring of CO ₂ geosequestration: Preliminary results from Stage 2C of the CO2CRC Otway Project one year post injection. , 2017, , .		4
80	Surface Seismic with DAS Changes Land Acquisition. , 2019, , .		4
81	In-Situ Laboratory for CO ₂ controlled-release experiments and monitoring in a fault zone in Western Australia. ASEG Extended Abstracts, 2019, 2019, 1-3.	0.1	4
82	Estimation of P-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
83	Watching the leakage: DAS seismic monitoring of the shallow CO ₂ controlled-release experiment at the South West Hub In-situ Laboratory. , 2019, , .		4
84	Estimation of Azimuthal Anisotropy from VSP Data Using Multicomponent Velocity Analysis. , 2009, , .		4
85	Optimising DAS VSP data acquisition parameters: theory and experiments at Curtin training well facility. , 2018, , .		4
86	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
87	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
88	Seismic anisotropy estimation from VSP data: CO2CRC Otway project case study. , 2010, , .		3
89	Shallow Geology of the CO2CRC Otway Site: Evidence for Previously Undetected Neotectonic Features?. Energy Procedia, 2017, 114, 4424-4435.	1.8	3
90	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

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91	Assessment of the permanent seismic sources for borehole seismic monitoring applications: CO2CRC Otway Project. ASEG Extended Abstracts, 2019, 2019, 1-5.	0.1	3
92	DAS-VSP interferometric imaging: CO2CRC Otway Project feasibility study. Interpretation, 0, , 1-71.	1.1	3
93	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
94	Modeling of depth variable 3D time-lapse seismic noise based on measured noise at the CO2CRC Otway project. , 2013, , .		3
95	The Otway Stage 2c Project â€œ End to End Co2 Storage in a Saline Formation, Comprising Characterisation, Injection and Monitoring. SSRN Electronic Journal, 0, , .	0.4	3
96	Fit for Purpose Monitoring - A Progress Report on the CO2CRC Otway Stage 3 Project. SSRN Electronic Journal, 0, , .	0.4	3
97	Steering Migration with Diffractions in Seismic Exploration for Hard Rock Environments. , 2013, , .		3
98	Repeatability of Land Time-lapse Seismic Surveys â€œ Otway Project 2D Test Line Case Study. , 2009, , .		3
99	Application of Diffracted Wave Analysis to Time-lapse Seismic Data for CO2 Leakage Detection. , 2011, , .		3
100	Application of 4D VSP for Monitoring Of Small-Scale Supercritical CO2 Injection: Stage 2C of CO2CRC Otway Project Case Study. , 2017, , .		3
101	Experimental Measurement of the Effects of Acquisition Parameters on DAS Data Quality. , 2019, , .		3
102	Feasibility of Passive Vertical Seismic Profiling Using Distributed Acoustic Sensing for Monitoring Applications. , 2018, , .		3
103	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
104	Monitoring CO 2 injection into a saline aquifer: Otway Project feasibility study. , 2012, , .		2
105	Using time-lapse VSP data to constrain velocity-saturation relations. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	2
106	Distributed Acoustic Sensing for Mineral Exploration: Case Study. ASEG Extended Abstracts, 2018, 2018, 1-4.	0.1	2
107	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
108	Trialling distributed acoustic sensing in a sand dune environment. ASEG Extended Abstracts, 2019, 2019, 1-3.	0.1	2

#	ARTICLE	IF	CITATIONS
109	Downhole Surveillance During the Well Lifetime Using Distributed Temperature Sensing. , 2020, , .		2
110	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
111	Feasibility analysis of drill bit tracking using seismic while drilling technique. ASEG Extended Abstracts, 2012, 2012, 1-4.	0.1	2
112	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
113	Uncertainties in Local Anisotropy Estimation from Multi-offset VSP Data. , 2012, , .		2
114	Ground Roll Repeatability Analysis - CO ₂ CRC Otway Project Case Study. , 2011, , .		2
115	Scattering Attenuation from the Coal Seams (Copper Basin, Australia). , 2016, , .		2
116	Time-lapse Seismic Data Inversion for CO ₂ Sequestration CO ₂ CRC Otway Project. , 2017, , .		2
117	Effect of Density of Seismic Sources on the Quality of the 4D Seismic Data. , 2019, , .		2
118	An Early Look at a Time-Lapse 3D VSP. , 2011, , .		2
119	A Feasibility Study of Time-Lapse FWI on DAS VSP Data Acquired with Permanent Sources. , 2018, , .		2
120	3D Vertical Seismic Profiling Acquired Using Fibre-Optic Sensing Das " Results From The CO ₂ CRC Otway Project. ASEG Extended Abstracts, 2018, 2018, 1-5.	0.1	2
121	Time-lapse surface seismic processing for Stage 2C of CO ₂ CRC Otway Project. ASEG Extended Abstracts, 2018, 2018, 1-6.	0.1	2
122	Seismic Interferometry Using Walkaway DAS VSP Data: CO ₂ CRC Otway Project Feasibility Study. , 2019, , .		2
123	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
124	3C laboratory ultrasound: a new method for measuring elastic anisotropy of rocks. , 2010, , .		1
125	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
126	Influence of rough sea surface on sea surface reflections: deep towed high-resolution marine seismic case study. , 2015, , .		1

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127	Steered migration in hard rock environments. <i>Geophysical Prospecting</i> , 2015, 63, 525-533.	1.9	1
128	Estimation of seismic attenuation and prediction of VTI anisotropy parameters from VSP and log data: a case study from the Middle East. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	1
129	A Comparison of a Conventional Borehole Tool and Distributed Acoustic Sensing at a Dedicated Field Laboratory. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-3.	0.1	1
130	Potential of full waveform inversion of vertical hard rock environment seismic profile data in. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-3.	0.1	1
131	Anisotropy analysis from 3D VSP surveys acquired at Otway site. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-4.	0.1	1
132	Innovation and instrumentation in CO2 monitoring wells for reservoir surveillance and advanced diagnostics. <i>APPEA Journal</i> , 2021, 61, 530.	0.2	1
133	The Co2crc Otway Shallow Co2 Controlled Release Experiment: Fault Characterization and Leakage Scenarios. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
134	Using time-lapse seismic to monitor injection of CO2 into a depleted gas reservoirâ€”Otway pilot project. <i>APPEA Journal</i> , 2010, 50, 712.	0.2	1
135	Prediction of the seismic time-lapse signal of CO ₂ /CH ₄ injection into a depleted gas reservoir - Otway Project. <i>ASEG Extended Abstracts</i> , 2012, 2012, 1-4.	0.1	1
136	Layer-induced scattering attenuation and VTI anisotropy â€” NW Shelf Australia synthetic study. , 2014, , .		1
137	Study of intrinsic versus scattering attenuation of seismic waves from borehole measurements. , 2018, , .		1
138	Optimising Time-Lapse Seismic Data Processing: Stage 2C of the CO2CRC Otway Project Case Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
139	Estimation of Scattering Attenuation from Zero-offset VSP Data: CO2CRC Otway Project Case Study. , 2013, , .		1
140	Anisotropy from Fine Layering in Coal- and Carbonate-rich Sequences: Well Log Based Modelling Study. , 2015, , .		1
141	Borehole Seismic Monitoring of a Small-scale CO2 Injection - The CO2CRC Otway Project Feasibility Study. , 2015, , .		1
142	Seismic Attenuation from VSP and Well Log Data - NW Shelf Australia Case Study. , 2014, , .		1
143	Estimation of Intrinsic Q in Finely-layered Media by Wavefield Inversion of VSP Data - Australian North West Shelf Case-study. , 2017, , .		1
144	Model-guided Processing of Time-lapse Seismic for Real-time Monitoring of CO2 Geosequestration - CO2CRC Otway Project Case Study. , 2017, , .		1

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145	Offset VSP for the Reservoir Monitoring. , 2017, , .		1
146	Seismic while drilling experiment with diamond drilling at Brukunga, South Australia. ASEG Extended Abstracts, 2013, 2013, 1-4.	0.1	1
147	Seismic Monitoring of a Small-scale Supercritical CO ₂ /CH ₄ Injection - CO ₂ CRC Otway Stage 2C Case Study. , 2017, , .		1
148	Repeatability Analysis for Continuous Seismic Monitoring with the Surface Geophone Array and the Permanent Rotary Sources: CO ₂ CRC Otway Stage 2C. SSRN Electronic Journal, 0, , .	0.4	1
149	PERMANENT DOWNHOLE SEISMIC MONITORING FOR CO ₂ GEOSEQUESTRATION: STAGE 3 OF THE CO ₂ CRC OTWAY PROJECT. , 2019, , .		1
150	Downhole seismic methods for near surface characterisation: Otway Project SRD 3.3 case study. , 2019, , .		1
151	The appraisal of surface orbital vibrators with buried geophone array for permanent reservoir monitoring. Geophysical Prospecting, 0, , .	1.9	1
152	Application of the velocity-less prestack time migration to the 2D marine line. , 2012, , .		0
153	Velocity-less time migration in application to hard rock environments. ASEG Extended Abstracts, 2012, 2012, 1-4.	0.1	0
154	Prestack time imaging algorithm with simultaneous velocity estimation in hard rock environments. Exploration Geophysics, 2014, 45, 234-241.	1.1	0
155	How frequency dependency of Q affects spectral ratio estimates?. , 2014, , .		0
156	Layer-induced scattering attenuation and VTI anisotropy - NW Shelf Australia synthetic study. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0
157	Feasibility of using passive seismic diffractions for imaging and monitoring. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0
158	Inversion of P-wave VSP data for transversely isotropic media. , 2016, , .		0
159	Approach to estimation of intrinsic attenuation by full-wavefield inversion of ZVSP data in combination with well logs. , 2016, , .		0
160	CO ₂ Storage Site Characterisation using Combined Regional and Detailed Seismic Data: Harvey, Western Australia. Energy Procedia, 2017, 114, 2896-2905.	1.8	0
161	Full Waveform Inversion of Time-lapse Offset VSP Data - CO ₂ CRC Otway Project Case Study. , 2017, , .		0
162	Feasibility of Seismic Monitoring of CCS in Perth Basin. ASEG Extended Abstracts, 2018, 2018, 1-1.	0.1	0

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163	Estimation of elastic anisotropy from three-component ultrasonic measurements using laser Doppler interferometry. <i>Exploration Geophysics</i> , 2018, 49, 744-750.	1.1	0
164	Application of time-lapse full waveform inversion of vertical seismic profile data for the identification of changes introduced by CO2 sequestration. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-5.	0.1	0
165	Seismic characterization of CO2 storage driven by time-lapse images of a prior injection using the artificial neural network. <i>Interpretation</i> , 2021, 9, T911-T925.	1.1	0
166	Compensation of the temperature effect on low-frequency DAS measurements: Case study of the water injection at the Otway site. , 2021, , .		0
167	Feasibility of borehole reflection seismology for hard rock mineral exploration. , 2010, , .		0
168	Land VSP Seismic Sources Evaluation: CO2CRC Otway Project Case Study. <i>ASEG Extended Abstracts</i> , 2010, 2010, 1-1.	0.1	0
169	Velocity-less Pre-stack Time Migration in Application to Hard Rock Environments. , 2012, , .		0
170	Analysis of time lapse seismic signal for an EOR and CCS site, Cranfield, MS. , 2012, , .		0
171	3C laboratory measurement using laser interferometer. <i>ASEG Extended Abstracts</i> , 2012, 2012, 1-4.	0.1	0
172	Estimation of seismic attenuation from zero-offset VSP acquired in hard rock environments. <i>ASEG Extended Abstracts</i> , 2013, 2013, 1-4.	0.1	0
173	Feasibility of Cross-well Seismic as CO2 Monitoring Tool. , 2015, , .		0
174	Implications of noise contamination in stochastic time lapse inversion. , 2015, , .		0
175	Diffraction Imaging for Edge Detection. , 2015, , .		0
176	Improving Land Seismic Repeatability Using Buried Geophones: CO2CRC Field Study. , 2015, , .		0
177	Stochastic Time Lapse Seismic Inversion for Monitoring CO2 Sequestration: CO2CRC Otway Project Modelling Study. , 2015, , .		0
178	Stochastic Time-lapse Inversion of a CO ₂ Sequestration Synthetic Seismic Data. <i>ASEG Extended Abstracts</i> , 2015, 2015, 1-4.	0.1	0
179	Seismic Monitoring of CO2 Geosequestration - CO2CRC Otway Case Study Using Full 4D Elastic Modelling. , 2016, , .		0
180	Analysis of Subtle Structures Using Different 3D Survey Geometries - CO2CRC Otway Project Case Study. , 2017, , .		0

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181	Fault Characterisation from an Ultra-high-resolution Seismic for CO ₂ Injection Experiment. , 2017, , .		0
182	Multi-well Study of Seismic Attenuation at the CO ₂ CRC Otway Project Geosequestration Site. , 2018, , .		0
183	Rock-physics based time-lapse inversion in Delivery4D: synthetic feasibility study for CO ₂ CRC Otway Project. ASEG Extended Abstracts, 2018, 2018, 1-4.	0.1	0
184	Using surface orbital vibrators and DAS for realizing permanent reservoir monitoring “ Lessons from the CO ₂ CRC Otway Project. , 2021, , .		0
185	Borehole seismic monitoring of CO ₂ storage using fiber-optic sensors: Otway Project example. , 2021, , .		0
186	Monitoring variations in subsurface properties using direct-wave arrivals recorded by downhole fiber-optic sensors. , 2021, , .		0
187	Detection of Seismic Events by Combined Horizontal and Vertical Permanent Das Arrays at Curtin University Campus. , 2022, , .		0