Yaoguo Li

List of Publications by Year
in descending order

209 papers	6,709 citations	126907 33 h-index	71685 76 g-index
209 all docs	209 docs citations	209 times ranked	2418 citing authors

#	Article	IF	Citations
1	3-D inversion of magnetic data. Geophysics, 1996, 61, 394-408.	2.6	905
2	3-D inversion of gravity data. Geophysics, 1998, 63, 109-119.	2.6	844
3	Estimating depth of investigation in dc resistivity and IP surveys. Geophysics, 1999, 64, 403-416.	2.6	468
4	Inversion of induced polarization data. Geophysics, 1994, 59, 1327-1341.	2.6	333
5	Fast inversion of large-scale magnetic data using wavelet transforms and a logarithmic barrier method. Geophysical Journal International, 2003, 152, 251-265.	2.4	318
6	Joint inversion of surface and three‐component borehole magnetic data. Geophysics, 2000, 65, 540-552.	2.6	161
7	Comprehensive approaches to 3D inversion of magnetic data affected by remanent magnetization. Geophysics, 2010, 75, L1-L11.	2.6	130
8	5. Inversion for Applied Geophysics: A Tutorial. , 2005, , 89-150.		128
9	3-D inversion of induced polarization data. Geophysics, 2000, 65, 1931-1945.	2.6	122
10	Separation of regional and residual magnetic field data. Geophysics, 1998, 63, 431-439.	2.6	106
11	Multidomain petrophysically constrained inversion and geology differentiation using guided fuzzy c-means clustering. Geophysics, 2015, 80, ID1-ID18.	2.6	105
12	A new method for determination of magnetization direction. Geophysics, 2006, 71, L69-L73.	2.6	102
13	Approximate inverse mappings in DC resistivity problems. Geophysical Journal International, 1992, 109, 343-362.	2.4	99
14	3D inversion of airborne gravity gradiometry data in mineral exploration: A case study in the QuadrilÃ¡tero FerrÃfero, Brazil. Geophysics, 2013, 78, B1-B11.	2.6	99
15	Adaptive L p inversion for simultaneous recovery of both blocky and smooth features in a geophysical model. Geophysical Journal International, 2014, 197, 882-899.	2.4	95
16	Joint inversion of multiple geophysical data using guided fuzzy c-means clustering. Geophysics, 2016, 81, ID37-ID57.	2.6	91
17	Inversion of 3-D DC resistivity data using an approximate inverse mapping. Geophysical Journal International, 1994, 116, 527-537.	2.4	87
18	Incorporating geological dip information into geophysical inversions. Geophysics, 2000, 65, 148-157.	2.6	84

#	Article	IF	Citations
19	Inversion of gravity data using a binary formulation. Geophysical Journal International, 2006, 167, 543-556.	2.4	82
20	Inversion of geophysical data over a copper gold porphyry deposit: A case history for Mt. Milligan. Geophysics, 1997, 62, 1419-1431.	2.6	78
21	Time-lapse gravity monitoring: A systematic 4D approach with application to aquifer storage and recovery. Geophysics, 2008, 73, WA61-WA69.	2.6	73
22	Rapid construction of equivalent sources using wavelets. Geophysics, 2010, 75, L51-L59.	2.6	73
23	3â€D inversion of gravity gradiometer data. , 2001, , .		72
24	3D Inversion of magnetic total gradient data in the presence of remanent magnetization. , 2004, , .		68
25	Joint inversion of multiple geophysical and petrophysical data using generalized fuzzy clustering algorithms. Geophysical Journal International, 2017, 208, 1201-1216.	2.4	66
26	Stable reduction to the pole at the magnetic equator. Geophysics, 2001, 66, 571-578.	2.6	57
27	Automatic detection of UXO magnetic anomalies using extended Euler deconvolution. Geophysics, 2010, 75, G13-G20.	2.6	57
28	Fast solution of geophysical inversion using adaptive mesh, space-filling curves and wavelet compression. Geophysical Journal International, 2011, 185, 157-166.	2.4	53
29	3D magnetization inversion using fuzzy c-means clustering with application to geology differentiation. Geophysics, 2016, 81, J61-J78.	2.6	50
30	3â€D inversion of gravity data in spherical coordinates with application to the GRAIL data. Journal of Geophysical Research E: Planets, 2014, 119, 1359-1373.	3.6	48
31	Threeâ€dimensional controlledâ€source electromagnetic modelling with a well casing as a grounded source: a hybrid method of moments and finite element scheme. Geophysical Prospecting, 2015, 63, 1491-1507.	1.9	47
32	Evaluating time-lapse borehole gravity for CO2 plume detection at SECARB Cranfield. International Journal of Greenhouse Gas Control, 2013, 18, 421-429.	4.6	43
33	ASPECTS OF CHARGE ACCUMULATION IN d. c. RESISTIVITY EXPERIMENTS1. Geophysical Prospecting, 1991, 39, 803-826.	1.9	41
34	Application of 3D magnetic amplitude inversion to iron oxide-copper-gold deposits at low magnetic latitudes: A case study from CarajÃ¡s Mineral Province, Brazil. Geophysics, 2015, 80, B13-B22.	2.6	37
35	Enhancement of Magnetic Data by Stable Downward Continuation for UXO Application. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 3605-3614.	6.3	36
36	Inversion of magnetic anomaly on rugged observation surface in the presence of strong remanent magnetization. Geophysics, 2014, 79, J11-J19.	2.6	35

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37	Advantages of borehole vector gravity in density imaging. Geophysics, 2015, 80, G1-G13.	2.6	35
38	Efficient automatic denoising of gravity gradiometry data. Geophysics, 2004, 69, 772-782.	2.6	34
39	Processing gravity gradiometer data using an equivalent source technique. , 2001, , .		33
40	Cost effectiveness of geophysical inversions in mineral exploration: Applications at San Nicolas. The Leading Edge, 2001, 20, 1351-1360.	0.7	33
41	Imaging Cargo Containers Using Gravity Gradiometry. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 1786-1797.	6.3	33
42	Efficient 3D inversion of magnetic data via octree-mesh discretization, space-filling curves, and wavelets. Geophysics, 2013, 78, J61-J73.	2.6	33
43	Time-lapse gravity: A numerical demonstration using robust inversion and joint interpretation of 4D surface and borehole data. Geophysics, 2012, 77, G33-G43.	2.6	32
44	Geophysical inversions applied to 3D geology characterization of an iron oxide copper-gold deposit in Brazil. Geophysics, 2017, 82, K1-K13.	2.6	32
45	Numerical Modeling of Higher Order Magnetic Moments in UXO Discrimination. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 2568-2583.	6.3	31
46	Hybrid optimization for lithologic inversion and time-lapse monitoring using a binary formulation. Geophysics, 2009, 74, I55-I65.	2.6	31
47	Adaptive sampling of potential-field data: A direct approach to compressive inversion. Geophysics, 2014, 79, IM1-IM9.	2.6	31
48	Lithologic characterization using airborne gravity gradient and aeromagnetic data for mineral exploration: A case study in the QuadrilÃ¡tero FerrÃfero, Brazil. Interpretation, 2015, 3, SL1-SL13.	1.1	31
49	Applications of geophysical inversions in mineral exploration. The Leading Edge, 1998, 17, 461-465.	0.7	29
50	Geology differentiation: A new frontier in quantitative geophysical interpretation in mineral exploration. The Leading Edge, 2019, 38, 60-66.	0.7	28
51	Understanding the applications and limitations of time-lapse gravity for reservoir monitoring. The Leading Edge, 2011, 30, 1060-1068.	0.7	27
52	Envelopes of 2D and 3D magnetic data and their relationship to the analytic signal: Preliminary results. , 2003, , .		26
53	Discrete-valued gravity inversion using the guided fuzzy c-means clustering technique. Geophysics, 2018, 83, G59-G77.	2.6	25
54	Total magnetization direction and dip from multiscale edges. , 2002, , .		24

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55	Denoising multicomponent CSEM data with equivalent source processing techniques. Geophysics, 2013, 78, E125-E135.	2.6	24
56	Time-lapse monitoring of CO_2 sequestration: A site investigation through integration of reservoir properties, seismic imaging, and borehole and surface gravity data. Geophysics, 2015, 80, WA15-WA24.	2.6	24
57	A multiple level-set method for 3D inversion of magnetic data. Geophysics, 2017, 82, J61-J81.	2.6	24
58	Application of magnetic amplitude inversion in exploration for volcanic units in a basin environment. Geophysics, 2012, 77, B219-B225.	2.6	23
59	Mineralogy and Magnetic Properties of Basaltic Substrate Soils: Kaho'olawe and Big Island, Hawaii. Soil Science Society of America Journal, 2008, 72, 244-257.	2.2	22
60	Rapid gravity and gravity gradiometry terrain corrections via an adaptive quadtree mesh discretization. Exploration Geophysics, 2011, 42, 88-97.	1.1	22
61	Using an equivalent source with positivity for low-latitude reduction to the pole without striation. Geophysics, 2014, 79, J81-J90.	2.6	22
62	Pulse and Fourier transform surface nuclear magnetic resonance: comprehensive modelling and inversion incorporating complex data and static dephasing dynamics. Geophysical Journal International, 2014, 199, 1372-1394.	2.4	21
63	Investigation of magnetic inversion methods in highly magnetic environments under strong self-demagnetization effect. Geophysics, 2017, 82, J83-J97.	2.6	21
64	Practical aspects of terrain correction in airborne gravity gradiometry surveys. Exploration Geophysics, 2008, 39, 198-203.	1.1	20
65	3D Inversion of airborne gravity gradiometry for iron ore exploration in Brazil. , 2010, , .		19
66	Feasibility of time-lapse gravity and gravity gradiometry monitoring for steam-assisted gravity drainage reservoirs. Geophysics, 2015, 80, WA99-WA111.	2.6	18
67	Denoising of gravity gradient data using an equivalent source technique. Geophysics, 2016, 81, G67-G79.	2.6	18
68	Inversion of gravity data for base salt. , 2003, , .		17
69	A general framework for joint inversion with petrophysical information as constraints. , 2013, , .		16
70	Three-dimensional distribution of igneous rocks near the Pebble porphyry Cu-Au-Mo deposit in southwestern Alaska: Constraints from regional-scale aeromagnetic data. Geophysics, 2014, 79, B63-B79.	2.6	15
71	Single-hole imaging using borehole gravity gradiometry. Geophysics, 2012, 77, G67-G76.	2.6	14
72	An approximate inversion algorithm for time-domain electromagnetic surveys. Journal of Applied Geophysics, 1999, 42, 71-80.	2.1	13

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73	Geophysical inversion using petrophysical constraints with application to lithology differentiation. , 2011, , .		13
74	Joint inversion of multiple geophysical data: A petrophysical approach using guided fuzzy c-means clustering. , 2012, , .		13
75	Gravity and gravity gradient data: Understanding their information content through joint inversions. , 2014, , .		13
76	Magnetization clustering inversion â€" Part 1: Building an automated numerical optimization algorithm. Geophysics, 2018, 83, J61-J73.	2.6	13
77	A paradigm shift in magnetic data interpretation: Increased value through magnetization inversions. The Leading Edge, 2021, 40, 89-98.	0.7	13
78	Removal of galvanic distortion effects in 3D magnetotelluric data by an equivalent source technique. Geophysics, 2018, 83, E95-E110.	2.6	12
79	Joint inversion of surface and borehole 4D gravity data for continuous characterization of fluid contact movement. , 2008, , .		11
80	Inversion of regional gravity gradient data over the Vredefort Impact Structure, South Africa. , 2011, , .		11
81	Quantifying the error level in computed magnetic amplitude data for 3D magnetization inversion. Geophysics, 2018, 83, J75-J84.	2.6	11
82	Survey design and model appraisal based on resolution analysis for 4D gravity monitoring. , 2008, , .		10
83	Inversion of surface and borehole gravity with thresholding and density constraints. , 2010, , .		10
84	Gravity gradient tensor due to a cylinder. Geophysics, 2016, 81, G59-G66.	2.6	10
85	Magnetization clustering inversion â€" Part 2: Assessing the uncertainty of recovered magnetization directions. Geophysics, 2019, 84, J17-J29.	2.6	10
86	Three-dimensional controlled-source electromagnetic forward modeling by edge-based finite element with a divergence correction. Geophysics, 2021, 86, E367-E382.	2.6	10
87	Influence of selfâ€demagnetization effect on data interpretation in strongly magnetic environments. , 2007, , .		9
88	A numerical assessment of the use of surface nuclear magnetic resonance to monitor internal erosion and piping in earthen embankments. Near Surface Geophysics, 2014, 12, 325-334.	1.2	9
89	Inversion for permeability distribution from time-lapse gravity data. Geophysics, 2015, 80, WA69-WA83.	2.6	9
90	Feasibility and Limitations of Void Detection Using Gravity Gradiometry. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 881-891.	6.3	9

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91	Joint inversion of surface and borehole magnetic data: A level-set approach. Geophysics, 2020, 85, J15-J32.	2.6	9
92	Regularized in version of spectral IP parameters from complex resistivity data. , 1998, , .		8
93	Signal extraction from 4D transient electromagnetic surveys using the equivalent source method. Geophysics, 2011, 76, F147-F155.	2.6	8
94	Advancing the understanding of petrophysical data through joint clustering inversion: A sulfide deposit example from Bathurst Mining Camp. , 2015, , .		8
95	Geophysical inversions applied to geological differentiation and deposit characterization: A case study at an IOCG deposit in CarajÃ¡s Mineral Province, Brazil. , 2015, , .		8
96	Reduction to the pole using equivalent sources. , 2000, , .		7
97	Joint processing of total-field and gradient magnetic data. Exploration Geophysics, 2011, 42, 199-206.	1.1	7
98	Total magnetization vector inversion using guided fuzzy c-means clustering. , 2014, , .		7
99	Automatic boundary extraction from magnetic field data using triangular meshes. Geophysics, 2016, 81, J47-J60.	2.6	7
100	Integrated geophysical investigation for understanding agriculturally induced landslides in southern Peru. Environmental Earth Sciences, 2022, 81, .	2.7	7
101	Gravity inversion using a binary formulation. , 2002, , .		6
102	Borehole vector gravity: A numerical study. , 2013, , .		6
103	Noise estimation in gravity gradient data after equivalent source processing. , 2013, , .		6
104	Integrating a spatial salt likelihood map and prior petrophysical data into a gravity gradiometry inversion through fuzzy c-means clustering. , 2016, , .		6
105	Constraining magnetic amplitude inversion with magnetotelluric data to image volcanic units: A case study. Geophysics, 2020, 85, B63-B75.	2.6	6
106	Geology differentiation by applying unsupervised machine learning to multiple independent geophysical inversions. Geophysical Journal International, 2021, 227, 2058-2078.	2.4	6
107	Hybrid optimization for a binary inverse problem. , 2004, , .		6
108	Joint inversion of gravity and gravity gradient data: A systematic evaluation. Geophysics, 2022, 87, G29-G44.	2.6	6

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109	On â€œ3â€D inversion of gravity and magnetic data with depth resolutionâ€•(Maurizio Fedi and Antonio) Tj ETQq1 1 0.784314 rgBT	2.6	5
110	Timeâ€lapse gravity monitoring of an aquifer storage recovery project in Leyden, Colorado. , 2005, , .		5
111	4D gravity monitoring of fluid movement at Delhi Field, LA: A feasibility study with seismic and well data. , 2010, , .		5
112	Effects of low-pass filtering on the calculated structural index from magnetic data. Geophysics, 2011, 76, L23-L28.	2.6	5
113	Understanding the effect of elliptical polarization in surface nuclear magnetic resonance method. Applied Geophysics, 2012, 9, 365-377.	0.6	5
114	Understanding curvatures of the equipotential surface in gravity gradiometry. Geophysics, 2018, 83, G35-G45.	2.6	5
115	Methods to Invert Temperature Data and Heat Flow Data for Thermal Conductivity in Steady-State Conductive Regimes. Geosciences (Switzerland), 2019, 9, 293.	2.2	5
116	Is there hidden potential in CarajÃ¡s? Insights through the geophysical signature of Cristalino deposit. Ore Geology Reviews, 2020, 126, 103735.	2.7	5
117	Integrated interpretation of gravity, magnetic, seismic, and well data to image volcanic units for oil-gas exploration in the eastern Junggar Basin, northwest China. Interpretation, 2020, 8, SS113-SS127.	1.1	5
118	Prudhoe Bay reservoir model: Making the link between seismic and borehole data to gravity, electrical, and EM methods. , 2016, , .		5
119	Lithologic characterization using magnetic and gravity gradient data over an iron ore formation. , 2011, , .		4
120	Feasibility analysis of time-lapse gravity gradiometry for reservoir monitoring. , 2012, , .		4
121	Exploration of a sulfide deposit using joint inversion of magnetic and induced polarization data. , 2014, , .		4
122	Solution to discrete-valued inverse problems using the fuzzy c-means clustering technique. , 2015, , .		4
123	Joint inversion of gravity and gravity gradient data using a binary formulation. , 2015, , .		4
124	Integrating Gravity and Gravity Gradiometry Data for Joint Inversion: A Case Study at the Kauring Test Site. , 2015, , .		4
125	Geological characterization applying k-means clustering to 3D magnetic, gravity gradient, and DC resistivity inversions: A case study at an iron oxide copper gold (IOCG) deposit. , 2016, , .		4
126	Application of fuzzy C-means clustering to discrete-valued inversion of gravity gradient data. , 2016, , .		4

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127	Time-lapse electromagnetic and gravity methods in carbon storage monitoring. The Leading Edge, 2021, 40, 442-446.	0.7	4
128	A new method for determination of magnetization direction. , 2004, , .		4
129	Comprehensive approaches to the inversion of magnetic data with strong remanent magnetization. , 2004, , .		4
130	Single‐borehole imaging using gravity gradiometer data. , 2010, , .		4
131	Inversion using adaptive physics‐based neural network: Application to magnetotelluric inversion. Geophysical Prospecting, 2022, 70, 1252-1272.	1.9	4
132	Rapid gravity and gravity gradiometry terrain correction via adaptive quadtree mesh discretization. , 2010, , .		3
133	The benefit of borehole gravity in horizontal monitoring wells for time-lapse applications. , 2012, , .		3
134	Gravity gradiometry processing and interpretation at the Kauring Test Site. , 2012, , .		3
135	Iron ore interpretation using gravity-gradient inversions in the CarajÃ¡s, Brazil. , 2012, , .		3
136	Base of salt inversion using triangular facets. , 2014, , .		3
137	3D joint inversion of magnetic amplitude and gravity gradiometry data in spherical coordinates. , 2015, , .		3
138	Towards geology differentiation using magnetization inversions. , 2015, , .		3
139	A multiple level set method for three-dimensional inversion of magnetic data. , 2017, , .		3
140	Lithologic characterization using magnetic and gravity gradient data over an iron ore formation in the QuadrilÃ¡tero FerrÃfero, Minas Gerais, Brazil. , 2011, , .		3
141	Magnetic on-time transient electromagnetic method (MoTEM) for imaging magnetic susceptibility. , 2018, , .		3
142	Guided fuzzy c-means clustering inversion of electrical potential due to an anisotropic-layered half-space. , 2018, , .		3
143	Time-lapse borehole vector gravity for reservoir monitoring. , 2019, , .		3
144	Imaging cargo containers using gravity gradiometry. , 2006, , .		2

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145	Influence of self-demagnetization effect on data interpretation in strongly magnetic environments. ASEG Extended Abstracts, 2007, 2007, 1-4.	0.1	2
146	Adaptive L p inversion to recover both blocky and smooth features. , 2010, , .		2
147	Geophysical inversion using petrophysical constraints with application to lithology differentiation. , 2011, , .		2
148	Data–adaptive compressive inversion of multichannel geophysical data. , 2011, , .		2
149	4D gravity modeling: Integrating seismic data with highly constrained gravity inversions for effective reservoir monitoring. , 2011, , .		2
150	Recent advances in 3D generalized inversion of potential-field data. , 2012, , .		2
151	Understanding gravity gradiometry processing and interpretation through the Kauring test site data. ASEG Extended Abstracts, 2012, 2012, 1-5.	0.1	2
152	Petrophysically constrained geophysical inversion using Parzen window density estimation. , 2013, , .		2
153	Constraining gravity gradient inversion with a source depth volume. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	2
154	Joint-clustering inversion of gravity and magnetic data applied to the imaging of a gabbro intrusion. , 2016, , .		2
155	Assessing the uncertainty of magnetization directions from clustering inversion and its effect on geology differentiation. , 2017, , .		2
156	3D gravity inversion using the finite element method. , 2017, , .		2
157	Geophysics introduces new section on multiphysics and joint inversion. The Leading Edge, 2020, 39, 753-754.	0.7	2
158	3-Axis Borehole Gravity: Method and Application to CO2 Storage Monitoring and Oil/Gas Production. , 2020, , .		2
159	Understanding the information content in gravity gradiometry data through constrained inversions for salt bodies. Geophysics, 2021, 86, G35-G53.	2.6	2
160	Resolution matrices in time–lapse gravity–gradiometry imaging. , 2007, , .		2
161	Feasibility of time-lapse gravity gradiometry for SAGD monitoring. , 2013, , .		2
162	Geology differentiation with uncertainty estimation using inverted magnetization directions. , 2016, , .		2

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163	Efficient 3D inversion of magnetic data via octree mesh discretization, space‐filling curves, and wavelets. , 2010, , .		1
164	Regularization, model weighting and solution appraisal in binary inversion for time‐lapse gravity monitoring. , 2011, , .		1
165	Application of 3D magnetic amplitude inversion to Fe oxide-Cu-Au deposits at low magnetic latitudes: A case study from Carajás Mineral Province, Brazil. , 2012, , .		1
166	3D inversion of gravity data for large regions in spherical coordinates: early results for the Australian region. , 2012, , .		1
167	Joint analysis of time-lapse gravity and production data for gas reservoir. , 2016, , .		1
168	Time-lapse gravity data at Prudhoe Bay: New understanding through integration with reservoir simulation models. , 2016, , .		1
169	Equivalent source processing of vector gravity data. , 2019, , .		1
170	Geology differentiation of geophysical inversions using machine learning. , 2019, , .		1
171	Improving UXO discrimination using magnetic quadrupole moments. , 2005, , .		1
172	Inversion of magnetic anomaly affected by strong remanent magnetization over rugged terrain: A case study from Daye, China. , 2012, , .		1
173	Automatic boundary detection using potential-field data. , 2013, , .		1
174	Time-lapse gravity inversion for multiple reservoir parameters using fuzzy C-means clustering. , 2017, , .		1
175	A level-set approach for joint inversion of surface and borehole magnetic data. , 2018, , .		1
176	3‐D inversion of induced polarization data in wavelet domain. , 2004, , .		1
177	Improved recovery of fluid movement through time-lapse borehole vector gravity. , 2014, , .		1
178	Robust parametric inversion using adaptive quenched simulated annealing. , 2015, , .		1
179	On the zero-level curves and surfaces in potential fields. , 2018, , .		1
180	Parameter selection workflow for a discrete-valued gravity inversion with guided fuzzy c-means clustering. , 2019, , .		1

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181	Understanding the effect of 1D dipping anisotropic conductivity on the response and interpretation of magnetotelluric data. Geophysical Journal International, 0, , .	2.4	1
182	Application of magnetic amplitude inversion in exploration for natural gas in volcanics. , 2010, , .		0
183	Practical issues in the processing and inversion of airborne gravity gradiometry data. , 2011, , .		0
184	Aquifer storage monitoring at Leyden Mine using time-lapse gravity: A revisit seven years later. , 2013, , .		0
185	Magnetotelluric static shift correction using an equivalent source technique. , 2014, , .		0
186	Interpretation of magnetic data in highly magnetic environments with application to the Hawsons Iron Deposit in NSW, Australia. , 2015, , .		0
187	Understanding curvatures in gravity gradiometry and their application to source estimation. , 2015, , .		0
188	Understanding curvature analyses in gravity gradiometry. , 2015, , .		0
189	A strategy for magnetic data interpretation in South China Sea. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0
190	Time‐lapse gravity: A versatile method for monitoring dynamic processes. Acta Geologica Sinica, 2019, 93, 198-198.	1.4	0
191	Geology differentiation: An integrative approach to imaging geology at depth. Acta Geologica Sinica, 2019, 93, 344-344.	1.4	0
192	Understanding the influence of different forms of prior information in gravity gradiometry imaging of a salt body. , 2019, , .		0
193	Efficient boundary detection and uncertainty quantification using 1D blocky MT inversion. , 2021, , .		0
194	A general framework for 3D interpretation of magnetic data affected by remanence and self-demagnetization. , 2011, , .		0
195	Compressive inversion: A general framework for inverting large‐scale multichannel geophysical data. , 2011, , .		0
196	The role of the wavelet transform in potential‐field inversion techniques. , 2011, , .		0
197	Adaptive sampling of potential-field data: A direct approach to compressive inversion. , 2012, , .		0
198	Quantitative Estimation of Error Level in Amplitude Inversion. , 2012, , .		0

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199	Application of amplitude inversion in identification of igneous rocks in a superimposed basin. , 2015, , .		0
200	An automated optimization algorithm for magnetization-clustering inversion. , 2018, , .		0
201	Discrete-valued inversion of IP data using guided FCM clustering. , 2018, , .		0
202	Constraining magnetic amplitude inversion with magnetotelluric data to image volcanic units. , 2019, , .		0
203	Effects of anisotropic magnetic susceptibility in data interpretation and potential in application. , 2019, , .		0
204	Joint interpretation of magnetic and magnetotelluric data in exploration for volcanic units. , 2019, , .		0
205	Advances in 3D magnetization clustering inversion: Numerical strategies and uncertainty analysis. , 2019, , .		0
206	Interpretation of zero-level curves in electromagnetics. , 2020, , .		0
207	Inversion for anisotropy magnetic susceptibility. , 2020, , .		0
208	Integrating time-lapse gravity, production, and geologic structure data in a gas reservoir study. Interpretation, 2020, 8, SS129-SS143.	1.1	0
209	Introduction to this special section: Potential fields. The Leading Edge, 2022, 41, 452-452.	0.7	0