

Yaoguo Li

List of Publications by Year in descending order

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209
papers

6,709
citations

126907

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71685

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209
times ranked

2418
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint inversion of gravity and gravity gradient data: A systematic evaluation. <i>Geophysics</i> , 2022, 87, G29-G44.	2.6	6
2	Inversion using adaptive physics-based neural network: Application to magnetotelluric inversion. <i>Geophysical Prospecting</i> , 2022, 70, 1252-1272.	1.9	4
3	Integrated geophysical investigation for understanding agriculturally induced landslides in southern Peru. <i>Environmental Earth Sciences</i> , 2022, 81, .	2.7	7
4	Introduction to this special section: Potential fields. <i>The Leading Edge</i> , 2022, 41, 452-452.	0.7	0
5	A paradigm shift in magnetic data interpretation: Increased value through magnetization inversions. <i>The Leading Edge</i> , 2021, 40, 89-98.	0.7	13
6	Time-lapse electromagnetic and gravity methods in carbon storage monitoring. <i>The Leading Edge</i> , 2021, 40, 442-446.	0.7	4
7	Understanding the information content in gravity gradiometry data through constrained inversions for salt bodies. <i>Geophysics</i> , 2021, 86, G35-G53.	2.6	2
8	Geology differentiation by applying unsupervised machine learning to multiple independent geophysical inversions. <i>Geophysical Journal International</i> , 2021, 227, 2058-2078.	2.4	6
9	Efficient boundary detection and uncertainty quantification using 1D blocky MT inversion. , 2021, , .		0
10	Three-dimensional controlled-source electromagnetic forward modeling by edge-based finite element with a divergence correction. <i>Geophysics</i> , 2021, 86, E367-E382.	2.6	10
11	Joint inversion of surface and borehole magnetic data: A level-set approach. <i>Geophysics</i> , 2020, 85, J15-J32.	2.6	9
12	Geophysics introduces new section on multiphysics and joint inversion. <i>The Leading Edge</i> , 2020, 39, 753-754.	0.7	2
13	Is there hidden potential in Carajás? Insights through the geophysical signature of Cristalino deposit. <i>Ore Geology Reviews</i> , 2020, 126, 103735.	2.7	5
14	3-Axis Borehole Gravity: Method and Application to CO2 Storage Monitoring and Oil/Gas Production. , 2020, , .		2
15	Constraining magnetic amplitude inversion with magnetotelluric data to image volcanic units: A case study. <i>Geophysics</i> , 2020, 85, B63-B75.	2.6	6
16	Integrated interpretation of gravity, magnetic, seismic, and well data to image volcanic units for oil-gas exploration in the eastern Junggar Basin, northwest China. <i>Interpretation</i> , 2020, 8, SS113-SS127.	1.1	5
17	Interpretation of zero-level curves in electromagnetics. , 2020, , .		0
18	Inversion for anisotropy magnetic susceptibility. , 2020, , .		0

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19	Integrating time-lapse gravity, production, and geologic structure data in a gas reservoir study. Interpretation, 2020, 8, SS129-SS143.	1.1	0
20	Time-lapse gravity: A versatile method for monitoring dynamic processes. Acta Geologica Sinica, 2019, 93, 198-198.	1.4	0
21	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
22	Geology differentiation: An integrative approach to imaging geology at depth. Acta Geologica Sinica, 2019, 93, 344-344.	1.4	0
23	Magnetization clustering inversion " Part 2: Assessing the uncertainty of recovered magnetization directions. Geophysics, 2019, 84, J17-J29.	2.6	10
24	Equivalent source processing of vector gravity data. , 2019, , .		1
25	Geology differentiation of geophysical inversions using machine learning. , 2019, , .		1
26	Understanding the influence of different forms of prior information in gravity gradiometry imaging of a salt body. , 2019, , .		0
27	Geology differentiation: A new frontier in quantitative geophysical interpretation in mineral exploration. The Leading Edge, 2019, 38, 60-66.	0.7	28
28	Time-lapse borehole vector gravity for reservoir monitoring. , 2019, , .		3
29	Constraining magnetic amplitude inversion with magnetotelluric data to image volcanic units. , 2019, , .		0
30	Parameter selection workflow for a discrete-valued gravity inversion with guided fuzzy c-means clustering. , 2019, , .		1
31	Effects of anisotropic magnetic susceptibility in data interpretation and potential in application. , 2019, , .		0
32	Joint interpretation of magnetic and magnetotelluric data in exploration for volcanic units. , 2019, , .		0
33	Advances in 3D magnetization clustering inversion: Numerical strategies and uncertainty analysis. , 2019, , .		0
34	Removal of galvanic distortion effects in 3D magnetotelluric data by an equivalent source technique. Geophysics, 2018, 83, E95-E110.	2.6	12
35	Understanding curvatures of the equipotential surface in gravity gradiometry. Geophysics, 2018, 83, G35-G45.	2.6	5
36	Discrete-valued gravity inversion using the guided fuzzy c-means clustering technique. Geophysics, 2018, 83, G59-G77.	2.6	25

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37	Quantifying the error level in computed magnetic amplitude data for 3D magnetization inversion. <i>Geophysics</i> , 2018, 83, J75-J84.	2.6	11
38	Magnetization clustering inversion " Part 1: Building an automated numerical optimization algorithm. <i>Geophysics</i> , 2018, 83, J61-J73.	2.6	13
39	Magnetic on-time transient electromagnetic method (MoTEM) for imaging magnetic susceptibility. , 2018, , .		3
40	A level-set approach for joint inversion of surface and borehole magnetic data. , 2018, , .		1
41	On the zero-level curves and surfaces in potential fields. , 2018, , .		1
42	Guided fuzzy c-means clustering inversion of electrical potential due to an anisotropic-layered half-space. , 2018, , .		3
43	An automated optimization algorithm for magnetization-clustering inversion. , 2018, , .		0
44	Discrete-valued inversion of IP data using guided FCM clustering. , 2018, , .		0
45	Geophysical inversions applied to 3D geology characterization of an iron oxide copper-gold deposit in Brazil. <i>Geophysics</i> , 2017, 82, K1-K13.	2.6	32
46	Joint inversion of multiple geophysical and petrophysical data using generalized fuzzy clustering algorithms. <i>Geophysical Journal International</i> , 2017, 208, 1201-1216.	2.4	66
47	A multiple level-set method for 3D inversion of magnetic data. <i>Geophysics</i> , 2017, 82, J61-J81.	2.6	24
48	Assessing the uncertainty of magnetization directions from clustering inversion and its effect on geology differentiation. , 2017, , .		2
49	Investigation of magnetic inversion methods in highly magnetic environments under strong self-demagnetization effect. <i>Geophysics</i> , 2017, 82, J83-J97.	2.6	21
50	3D gravity inversion using the finite element method. , 2017, , .		2
51	A multiple level set method for three-dimensional inversion of magnetic data. , 2017, , .		3
52	Time-lapse gravity inversion for multiple reservoir parameters using fuzzy C-means clustering. , 2017, , .		1
53	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
54	Denosing of gravity gradient data using an equivalent source technique. <i>Geophysics</i> , 2016, 81, G67-G79.	2.6	18

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55	Gravity gradient tensor due to a cylinder. <i>Geophysics</i> , 2016, 81, G59-G66.	2.6	10
56	Joint analysis of time-lapse gravity and production data for gas reservoir. , 2016, , .		1
57	Time-lapse gravity data at Prudhoe Bay: New understanding through integration with reservoir simulation models. , 2016, , .		1
58	Automatic boundary extraction from magnetic field data using triangular meshes. <i>Geophysics</i> , 2016, 81, J47-J60.	2.6	7
59	Joint inversion of multiple geophysical data using guided fuzzy <i>c</i> -means clustering. <i>Geophysics</i> , 2016, 81, ID37-ID57.	2.6	91
60	Integrating a spatial salt likelihood map and prior petrophysical data into a gravity gradiometry inversion through fuzzy <i>c</i> -means clustering. , 2016, , .		6
61	Joint-clustering inversion of gravity and magnetic data applied to the imaging of a gabbro intrusion. , 2016, , .		2
62	Application of fuzzy <i>C</i> -means clustering to discrete-valued inversion of gravity gradient data. , 2016, , .		4
63	3D magnetization inversion using fuzzy <i>c</i> -means clustering with application to geology differentiation. <i>Geophysics</i> , 2016, 81, J61-J78.	2.6	50
64	Feasibility and Limitations of Void Detection Using Gravity Gradiometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 881-891.	6.3	9
65	Geology differentiation with uncertainty estimation using inverted magnetization directions. , 2016, , .		2
66	Prudhoe Bay reservoir model: Making the link between seismic and borehole data to gravity, electrical, and EM methods. , 2016, , .		5
67	3D joint inversion of magnetic amplitude and gravity gradiometry data in spherical coordinates. , 2015, , .		3
68	Advancing the understanding of petrophysical data through joint clustering inversion: A sulfide deposit example from Bathurst Mining Camp. , 2015, , .		8
69	Geophysical inversions applied to geological differentiation and deposit characterization: A case study at an IOCG deposit in Carajás Mineral Province, Brazil. , 2015, , .		8
70	Interpretation of magnetic data in highly magnetic environments with application to the Hawsons Iron Deposit in NSW, Australia. , 2015, , .		0
71	Understanding curvatures in gravity gradiometry and their application to source estimation. , 2015, , .		0
72	Understanding curvature analyses in gravity gradiometry. , 2015, , .		0

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73	Solution to discrete-valued inverse problems using the fuzzy c-means clustering technique. , 2015, , .		4
74	A strategy for magnetic data interpretation in South China Sea. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0
75	Three-dimensional controlled-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
76	Joint inversion of gravity and gravity gradient data using a binary formulation. , 2015, , .		4
77	Lithologic characterization using airborne gravity gradient and aeromagnetic data for mineral exploration: A case study in the Quadril�tero Ferr�fero, Brazil. Interpretation, 2015, 3, SL1-SL13.	1.1	31
78	Inversion for permeability distribution from time-lapse gravity data. Geophysics, 2015, 80, WA69-WA83.	2.6	9
79	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
80	Feasibility of time-lapse gravity and gravity gradiometry monitoring for steam-assisted gravity drainage reservoirs. Geophysics, 2015, 80, WA99-WA111.	2.6	18
81	Application of 3D magnetic amplitude inversion to iron oxide-copper-gold deposits at low magnetic latitudes: A case study from Caraj�s Mineral Province, Brazil. Geophysics, 2015, 80, B13-B22.	2.6	37
82	Integrating Gravity and Gravity Gradiometry Data for Joint Inversion: A Case Study at the Kauring Test Site. , 2015, , .		4
83	Multidomain petrophysically constrained inversion and geology differentiation using guided fuzzy c-means clustering. Geophysics, 2015, 80, ID1-ID18.	2.6	105
84	Constraining gravity gradient inversion with a source depth volume. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	2
85	Towards geology differentiation using magnetization inversions. , 2015, , .		3
86	Advantages of borehole vector gravity in density imaging. Geophysics, 2015, 80, G1-G13.	2.6	35
87	Application of amplitude inversion in identification of igneous rocks in a superimposed basin. , 2015, , .		0
88	Robust parametric inversion using adaptive quenched simulated annealing. , 2015, , .		1
89	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
90	Base of salt inversion using triangular facets. , 2014, , .		3

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91	Adaptive sampling of potential-field data: A direct approach to compressive inversion. <i>Geophysics</i> , 2014, 79, IM1-IM9.	2.6	31
92	Pulse and Fourier transform surface nuclear magnetic resonance: comprehensive modelling and inversion incorporating complex data and static dephasing dynamics. <i>Geophysical Journal International</i> , 2014, 199, 1372-1394.	2.4	21
93	Gravity and gravity gradient data: Understanding their information content through joint inversions. , 2014, , .		13
94	Exploration of a sulfide deposit using joint inversion of magnetic and induced polarization data. , 2014, , .		4
95	Total magnetization vector inversion using guided fuzzy c-means clustering. , 2014, , .		7
96	Three-dimensional distribution of igneous rocks near the Pebble porphyry Cu-Au-Mo deposit in southwestern Alaska: Constraints from regional-scale aeromagnetic data. <i>Geophysics</i> , 2014, 79, B63-B79.	2.6	15
97	Using an equivalent source with positivity for low-latitude reduction to the pole without striation. <i>Geophysics</i> , 2014, 79, J81-J90.	2.6	22
98	3D inversion of gravity data in spherical coordinates with application to the GRAIL data. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 1359-1373.	3.6	48
99	Adaptive L_1 inversion for simultaneous recovery of both blocky and smooth features in a geophysical model. <i>Geophysical Journal International</i> , 2014, 197, 882-899.	2.4	95
100	Inversion of magnetic anomaly on rugged observation surface in the presence of strong remanent magnetization. <i>Geophysics</i> , 2014, 79, J11-J19.	2.6	35
101	Magnetotelluric static shift correction using an equivalent source technique. , 2014, , .		0
102	Improved recovery of fluid movement through time-lapse borehole vector gravity. , 2014, , .		1
103	Efficient 3D inversion of magnetic data via octree-mesh discretization, space-filling curves, and wavelets. <i>Geophysics</i> , 2013, 78, J61-J73.	2.6	33
104	3D inversion of airborne gravity gradiometry data in mineral exploration: A case study in the Quadril�tero Ferr�fero, Brazil. <i>Geophysics</i> , 2013, 78, B1-B11.	2.6	99
105	Evaluating time-lapse borehole gravity for CO2 plume detection at SECARB Cranfield. <i>International Journal of Greenhouse Gas Control</i> , 2013, 18, 421-429.	4.6	43
106	Enhancement of Magnetic Data by Stable Downward Continuation for UXO Application. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 3605-3614.	6.3	36
107	Denosing multicomponent CSEM data with equivalent source processing techniques. <i>Geophysics</i> , 2013, 78, E125-E135.	2.6	24
108	Borehole vector gravity: A numerical study. , 2013, , .		6

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109	Aquifer storage monitoring at Leyden Mine using time-lapse gravity: A revisit seven years later. , 2013, , .		0
110	A general framework for joint inversion with petrophysical information as constraints. , 2013, , .		16
111	Petrophysically constrained geophysical inversion using Parzen window density estimation. , 2013, , .		2
112	Noise estimation in gravity gradient data after equivalent source processing. , 2013, , .		6
113	Feasibility of time-lapse gravity gradiometry for SAGD monitoring. , 2013, , .		2
114	Automatic boundary detection using potential-field data. , 2013, , .		1
115	Single-hole imaging using borehole gravity gradiometry. Geophysics, 2012, 77, G67-G76.	2.6	14
116	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
117	Recent advances in 3D generalized inversion of potential-field data. , 2012, , .		2
118	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
119	The benefit of borehole gravity in horizontal monitoring wells for time-lapse applications. , 2012, , .		3
120	Gravity gradiometry processing and interpretation at the Kauring Test Site. , 2012, , .		3
121	Joint inversion of multiple geophysical data: A petrophysical approach using guided fuzzy c-means clustering. , 2012, , .		13
122	Feasibility analysis of time-lapse gravity gradiometry for reservoir monitoring. , 2012, , .		4
123	3D inversion of gravity data for large regions in spherical coordinates: early results for the Australian region. , 2012, , .		1
124	Application of magnetic amplitude inversion in exploration for volcanic units in a basin environment. Geophysics, 2012, 77, B219-B225.	2.6	23
125	Understanding the effect of elliptical polarization in surface nuclear magnetic resonance method. Applied Geophysics, 2012, 9, 365-377.	0.6	5
126	Iron ore interpretation using gravity-gradient inversions in the Carajás, Brazil. , 2012, , .		3

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127	Understanding gravity gradiometry processing and interpretation through the Kauring test site data. ASEG Extended Abstracts, 2012, 2012, 1-5.	0.1	2
128	Inversion of magnetic anomaly affected by strong remanent magnetization over rugged terrain: A case study from Daye, China. , 2012, , .		1
129	Adaptive sampling of potential-field data: A direct approach to compressive inversion. , 2012, , .		0
130	Quantitative Estimation of Error Level in Amplitude Inversion. , 2012, , .		0
131	Geophysical inversion using petrophysical constraints with application to lithology differentiation. , 2011, , .		13
132	Practical issues in the processing and inversion of airborne gravity gradiometry data. , 2011, , .		0
133	Joint processing of total-field and gradient magnetic data. Exploration Geophysics, 2011, 42, 199-206.	1.1	7
134	Lithologic characterization using magnetic and gravity gradient data over an iron ore formation. , 2011, , .		4
135	Geophysical inversion using petrophysical constraints with application to lithology differentiation. , 2011, , .		2
136	Fast solution of geophysical inversion using adaptive mesh, space-filling curves and wavelet compression. Geophysical Journal International, 2011, 185, 157-166.	2.4	53
137	Data-adaptive compressive inversion of multichannel geophysical data. , 2011, , .		2
138	Rapid gravity and gravity gradiometry terrain corrections via an adaptive quadtree mesh discretization. Exploration Geophysics, 2011, 42, 88-97.	1.1	22
139	Effects of low-pass filtering on the calculated structural index from magnetic data. Geophysics, 2011, 76, L23-L28.	2.6	5
140	Regularization, model weighting and solution appraisal in binary inversion for time-lapse gravity monitoring. , 2011, , .		1
141	Inversion of regional gravity gradient data over the Vredefort Impact Structure, South Africa. , 2011, , .		11
142	Signal extraction from 4D transient electromagnetic surveys using the equivalent source method. Geophysics, 2011, 76, F147-F155.	2.6	8
143	Understanding the applications and limitations of time-lapse gravity for reservoir monitoring. The Leading Edge, 2011, 30, 1060-1068.	0.7	27
144	4D gravity modeling: Integrating seismic data with highly constrained gravity inversions for effective reservoir monitoring. , 2011, , .		2

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145	Lithologic characterization using magnetic and gravity gradient data over an iron ore formation in the Quadril�terro Ferr�fero, Minas Gerais, Brazil. , 2011, , .		3
146	A general framework for 3D interpretation of magnetic data affected by remanence and self-demagnetization. , 2011, , .		0
147	Compressive inversion: A general framework for inverting large�scale multichannel geophysical data. , 2011, , .		0
148	The role of the wavelet transform in potential�field inversion techniques. , 2011, , .		0
149	Rapid gravity and gravity gradiometry terrain correction via adaptive quadtree mesh discretization. , 2010, , .		3
150	Automatic detection of UXO magnetic anomalies using extended Euler deconvolution. Geophysics, 2010, 75, G13-G20.	2.6	57
151	Application of magnetic amplitude inversion in exploration for natural gas in volcanics. , 2010, , .		0
152	Efficient 3D inversion of magnetic data via octree mesh discretization, space�filling curves, and wavelets. , 2010, , .		1
153	Inversion of surface and borehole gravity with thresholding and density constraints. , 2010, , .		10
154	Adaptive L p inversion to recover both blocky and smooth features. , 2010, , .		2
155	Comprehensive approaches to 3D inversion of magnetic data affected by remanent magnetization. Geophysics, 2010, 75, L1-L11.	2.6	130
156	Rapid construction of equivalent sources using wavelets. Geophysics, 2010, 75, L51-L59.	2.6	73
157	3D Inversion of airborne gravity gradiometry for iron ore exploration in Brazil. , 2010, , .		19
158	4D gravity monitoring of fluid movement at Delhi Field, LA: A feasibility study with seismic and well data. , 2010, , .		5
159	Single�borehole imaging using gravity gradiometer data. , 2010, , .		4
160	Hybrid optimization for lithologic inversion and time-lapse monitoring using a binary formulation. Geophysics, 2009, 74, I55-I65.	2.6	31
161	Numerical Modeling of Higher Order Magnetic Moments in UXO Discrimination. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 2568-2583.	6.3	31
162	Practical aspects of terrain correction in airborne gravity gradiometry surveys. Exploration Geophysics, 2008, 39, 198-203.	1.1	20

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163	Time-lapse gravity monitoring: A systematic 4D approach with application to aquifer storage and recovery. <i>Geophysics</i> , 2008, 73, WA61-WA69.	2.6	73
164	Survey design and model appraisal based on resolution analysis for 4D gravity monitoring. , 2008, , .		10
165	Joint inversion of surface and borehole 4D gravity data for continuous characterization of fluid contact movement. , 2008, , .		11
166	Mineralogy and Magnetic Properties of Basaltic Substrate Soils: Kaho'olawe and Big Island, Hawaii. <i>Soil Science Society of America Journal</i> , 2008, 72, 244-257.	2.2	22
167	Imaging Cargo Containers Using Gravity Gradiometry. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 1786-1797.	6.3	33
168	Influence of self-demagnetization effect on data interpretation in strongly magnetic environments. , 2007, , .		9
169	Influence of self-demagnetization effect on data interpretation in strongly magnetic environments. <i>ASEG Extended Abstracts</i> , 2007, 2007, 1-4.	0.1	2
170	Resolution matrices in time-lapse gravity gradiometry imaging. , 2007, , .		2
171	A new method for determination of magnetization direction. <i>Geophysics</i> , 2006, 71, L69-L73.	2.6	102
172	Imaging cargo containers using gravity gradiometry. , 2006, , .		2
173	Inversion of gravity data using a binary formulation. <i>Geophysical Journal International</i> , 2006, 167, 543-556.	2.4	82
174	Time-lapse gravity monitoring of an aquifer storage recovery project in Leyden, Colorado. , 2005, , .		5
175	5. Inversion for Applied Geophysics: A Tutorial. , 2005, , 89-150.		128
176	Improving UXO discrimination using magnetic quadrupole moments. , 2005, , .		1
177	3D Inversion of magnetic total gradient data in the presence of remanent magnetization. , 2004, , .		68
178	Efficient automatic denoising of gravity gradiometry data. <i>Geophysics</i> , 2004, 69, 772-782.	2.6	34
179	A new method for determination of magnetization direction. , 2004, , .		4
180	Comprehensive approaches to the inversion of magnetic data with strong remanent magnetization. , 2004, , .		4

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181	Hybrid optimization for a binary inverse problem. , 2004, , .		6
182	3D inversion of induced polarization data in wavelet domain. , 2004, , .		1
183	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
184	Envelopes of 2D and 3D magnetic data and their relationship to the analytic signal: Preliminary results. , 2003, , .		26
185	Inversion of gravity data for base salt. , 2003, , .		17
186	On 3D inversion of gravity and magnetic data with depth resolution (Maurizio Fedi and Antonio Tj ETQq0,0 0 rgBT /Overlock 1	2.6	5
187	Total magnetization direction and dip from multiscale edges. , 2002, , .		24
188	Gravity inversion using a binary formulation. , 2002, , .		6
189	3D inversion of gravity gradiometer data. , 2001, , .		72
190	Stable reduction to the pole at the magnetic equator. Geophysics, 2001, 66, 571-578.	2.6	57
191	Processing gravity gradiometer data using an equivalent source technique. , 2001, , .		33
192	Cost effectiveness of geophysical inversions in mineral exploration: Applications at San Nicolas. The Leading Edge, 2001, 20, 1351-1360.	0.7	33
193	Joint inversion of surface and three-component borehole magnetic data. Geophysics, 2000, 65, 540-552.	2.6	161
194	3-D inversion of induced polarization data. Geophysics, 2000, 65, 1931-1945.	2.6	122
195	Reduction to the pole using equivalent sources. , 2000, , .		7
196	Incorporating geological dip information into geophysical inversions. Geophysics, 2000, 65, 148-157.	2.6	84
197	An approximate inversion algorithm for time-domain electromagnetic surveys. Journal of Applied Geophysics, 1999, 42, 71-80.	2.1	13
198	Estimating depth of investigation in dc resistivity and IP surveys. Geophysics, 1999, 64, 403-416.	2.6	468

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199	Separation of regional and residual magnetic field data. Geophysics, 1998, 63, 431-439.	2.6	106
200	3-D inversion of gravity data. Geophysics, 1998, 63, 109-119.	2.6	844
201	Regularized inversion of spectral IP parameters from complex resistivity data. , 1998, , .		8
202	Applications of geophysical inversions in mineral exploration. The Leading Edge, 1998, 17, 461-465.	0.7	29
203	Inversion of geophysical data over a copper gold porphyry deposit: A case history for Mt. Milligan. Geophysics, 1997, 62, 1419-1431.	2.6	78
204	3-D inversion of magnetic data. Geophysics, 1996, 61, 394-408.	2.6	905
205	Inversion of 3-D DC resistivity data using an approximate inverse mapping. Geophysical Journal International, 1994, 116, 527-537.	2.4	87
206	Inversion of induced polarization data. Geophysics, 1994, 59, 1327-1341.	2.6	333
207	Approximate inverse mappings in DC resistivity problems. Geophysical Journal International, 1992, 109, 343-362.	2.4	99
208	ASPECTS OF CHARGE ACCUMULATION IN d. c. RESISTIVITY EXPERIMENTS1. Geophysical Prospecting, 1991, 39, 803-826.	1.9	41
209	Understanding the effect of 1D dipping anisotropic conductivity on the response and interpretation of magnetotelluric data. Geophysical Journal International, 0, , .	2.4	1