

# Alireza Malehmir

## List of Publications by Year in descending order

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151  
papers

2,728  
citations

186209

28  
h-index

265120

42  
g-index

177  
all docs

177  
docs citations

177  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	A drill-hole, geological and geophysical data-based 3D model for target generation in Neves-Corvo mine region, Portugal. <i>International Journal of Earth Sciences</i> , 2022, 111, 403-424.	0.9	2
2	Addressing geometrical attributes and seismic imaging capability of fault systems in a world-class metal endowed region: Abitibi Greenstone Belt, Canada. <i>Tectonophysics</i> , 2022, 833, 229361.	0.9	1
3	Fault intersections control short period intraplate start-stop seismicity in the Korean Peninsula. <i>Tectonophysics</i> , 2022, 834, 229387.	0.9	9
4	Three-dimensional reflection seismic imaging of the iron oxide deposits in the Ludvika mining area, Sweden, using Fresnel volume migration. <i>Solid Earth</i> , 2022, 13, 917-934.	1.2	3
5	3D high-resolution seismic imaging of the iron oxide deposits in Ludvika (Sweden) using full-waveform inversion and reverse time migration. <i>Solid Earth</i> , 2022, 13, 1065-1085.	1.2	6
6	Diffraction pattern recognition using deep semantic segmentation. <i>Near Surface Geophysics</i> , 2022, 20, 507-518.	0.6	9
7	Geophysical characterization of late-Quaternary glaciofluvial complex and glacial stratigraphy in the Satakunta sandstone area, K�rttyli�r, southwest Finland. <i>Quaternary Research</i> , 2021, 100, 135-153.	1.0	0
8	Sparse 3D reflection seismic survey for deep-targeting iron oxide deposits and their host rocks, Ludvika Mines, Sweden. <i>Solid Earth</i> , 2021, 12, 483-502.	1.2	15
9	Geophysical investigation of the down-dip extension of the Lombador massive sulphide deposit, Neves-Corvo, Portugal. <i>International Journal of Earth Sciences</i> , 2021, 110, 911-922.	0.9	5
10	Innovative seismic imaging of volcanogenic massive sulfide deposits, Neves-Corvo, Portugal – Part 2: Surface array. <i>Geophysics</i> , 2021, 86, B181-B191.	1.4	7
11	Innovative seismic imaging of volcanogenic massive sulfide deposits, Neves-Corvo, Portugal – Part 1: In-mine array. <i>Geophysics</i> , 2021, 86, B165-B179.	1.4	11
12	Seismic imaging across fault systems in the Abitibi greenstone belt – an analysis of pre- and post-stack migration approaches in the Chibougamau area, Quebec, Canada. <i>Solid Earth</i> , 2021, 12, 1143-1164.	1.2	5
13	Seismic imaging using an e-vib – A case study analyzing the signal properties of a seismic vibrator driven by electric linear synchronous motors. <i>Geophysics</i> , 2021, 86, B223-B235.	1.4	6
14	Data reconstruction using seismic interferometry applied to active-source data from the Ludvika Mines of Sweden. , 2021, , .		0
15	Reply to comments on “Seismic imaging using an e-vib – A case study analyzing the signal properties of a seismic vibrator driven by electric linear synchronous motors” (Bojan Brodic, Paul Ras, Richard de Tj ETQq1 1 0.784314 rgBT /Overlo Geophysics, 2021, 86, X3-X4.	1.4	0
16	A reappraisal of legacy reflection seismic data from the western margin of the Kaapvaal craton, South Africa, with implications for Mesozoic-Cenozoic regional tectonics. <i>Tectonophysics</i> , 2021, 813, 228934.	0.9	5
17	Geotechnical site characterization using multichannel analysis of surface waves: A case study of an area prone to quick�clay landslides in southwest Sweden. <i>Near Surface Geophysics</i> , 2021, 19, 699-715.	0.6	9
18	Reverse time migration (RTM) imaging of iron oxide deposits in the Ludvika mining area, Sweden. <i>Solid Earth</i> , 2021, 12, 1707-1718.	1.2	7

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19	Mapping subsurface karsts and voids using directional elastic wave packets. <i>Geophysics</i> , 2021, 86, S405-S416.	1.4	3
20	Ultra-high-resolution multicomponent seismic imaging of a quick-clay landslide-prone area in southwest of Sweden. , 2021, , .		1
21	Reflection seismic imaging to unravel subsurface geological structures of the Zinkgruvan mining area, central Sweden. <i>Ore Geology Reviews</i> , 2021, 137, 104306.	1.1	2
22	Long-lived Paleoproterozoic eclogitic lower crust. <i>Nature Communications</i> , 2021, 12, 6553.	5.8	5
23	Imaging and Characterization of Glacially Induced Faults Using Applied Geophysics. , 2021, , 118-132.		0
24	Seismic depth imaging of iron-oxide deposits and their host rocks in the Ludvika mining area of central Sweden. <i>Geophysical Prospecting</i> , 2020, 68, 24-43.	1.0	22
25	Deep reflection seismic imaging of iron-oxide deposits in the Ludvika mining area of central Sweden. <i>Geophysical Prospecting</i> , 2020, 68, 7-23.	1.0	25
26	Potential of legacy 2D seismic data for deep targeting and structural imaging at the Neves-Corvo massive sulphide-bearing deposit, Portugal. <i>Geophysical Prospecting</i> , 2020, 68, 44-61.	1.0	12
27	Improved structural interpretation of legacy 3D seismic data from Karee platinum mine (South Africa) through the application of novel seismic attributes. <i>Geophysical Prospecting</i> , 2020, 68, 145-163.	1.0	18
28	Surface-wave analysis for static corrections in mineral exploration: A case study from central Sweden. <i>Geophysical Prospecting</i> , 2020, 68, 214-231.	1.0	19
29	Improved target illumination at Ludvika mines of Sweden through seismic interferometric surface-wave suppression. <i>Geophysical Prospecting</i> , 2020, 68, 200-213.	1.0	20
30	Data mining of petrophysical and litho-geochemical borehole data to elucidate the origin of seismic reflectivity within the Kevitsa Ni-Cu-PGE bearing intrusion, northern Finland. <i>Geophysical Prospecting</i> , 2020, 68, 82-102.	1.0	8
31	Cross-profile seismic data acquisition, imaging, and modeling of iron-oxide deposits: A case study from Blåtjärn, south-central Sweden. <i>Geophysics</i> , 2020, 85, B233-B247.	1.4	4
32	Introduction to the special issue on "Cost-effective and innovative mineral exploration solutions". <i>Geophysical Prospecting</i> , 2020, 68, 3-6.	1.0	9
33	Broadband seismic data acquisition using an E-vib source for enhanced imaging of iron-oxide deposits, Sweden. , 2020, , .		1
34	Smart Exploration inspires innovative geophysical solutions for mineral exploration in Europe. <i>First Break</i> , 2020, 38, 51-56.	0.2	2
35	Surface-wave suppression through seismic interferometry: A case study at the Siilinjärvi phosphate mine in Finland. , 2020, , .		0
36	Reprocessing legacy three-dimensional seismic data from the Halfmile Lake and Brunswick No. 6 volcanogenic massive sulphide deposits, New Brunswick, Canada. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 569-583.	0.6	11

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37	Emplacement and 3D geometry of crustal-scale saucer-shaped intrusions in the Fennoscandian Shield. <i>Scientific Reports</i> , 2019, 9, 10498.	1.6	11
38	Estimation of groundwater storage from seismic data using deep learning. <i>Geophysical Prospecting</i> , 2019, 67, 2115-2126.	1.0	22
39	Subsurface characterization of a quick-clay vulnerable area using near-surface geophysics and hydrological modelling. <i>Solid Earth</i> , 2019, 10, 1685-1705.	1.2	6
40	Predicting Missing Seismic Velocity Values Using Self-Organizing Maps to Aid the Interpretation of Seismic Reflection Data from the Kevitsa Ni-Cu-PGE Deposit in Northern Finland. <i>Minerals (Basel)</i> , 2019, 9, 1070.	1.0	10
41	The role of mafic dykes in the petrogenesis of the Archean Siilinjärvi carbonatite complex, east-central Finland. <i>Lithos</i> , 2019, 342-343, 468-479.	0.6	6
42	Deep onshore reflection seismic imaging of the chalk group strata using a 45kg accelerated weight-drop and combined recording systems with dense receiver spacing. <i>Geophysics</i> , 2019, 84, B259-B268.	1.4	9
43	Boat-towed radio-magnetotelluric and controlled source audio-magnetotelluric study to resolve fracture zones at the Hard Rock Laboratory site, Sweden. <i>Geophysical Journal International</i> , 2019, 218, 1008-1031.	1.0	14
44	Crosscoherence-based interferometry for the retrieval of first arrivals and subsequent tomographic imaging of differential weathering. <i>Geophysics</i> , 2019, 84, Q37-Q48.	1.4	16
45	Magnetic characterisation of magnetite and hematite from the Blåbergget apatite-iron oxide deposits (Bergslagen), south-central Sweden. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 948-957.	0.6	3
46	Smart Exploration: from legacy data to state-of-the-art data acquisition and imaging. <i>First Break</i> , 2019, 37, 71-74.	0.2	10
47	Giving the legacy seismic data the attention they deserve. <i>First Break</i> , 2019, 37, 89-96.	0.2	8
48	Smart Exploration: Innovative ways of exploring for the raw materials in the EU. , 2019, , .		7
49	Seismic Imaging Using Electromagnetic Vibrators - Storm versus Lightning. , 2019, , .		7
50	Time-Synchronized Geophysical Investigations in Denied GPS-Time Spaces. , 2019, , .		2
51	Joint inversion of lake-floor electrical resistivity tomography and boat-towed radio-magnetotelluric data illustrated on synthetic data and an application from the Hard Rock Laboratory site, Sweden. <i>Geophysical Journal International</i> , 2018, 213, 511-533.	1.0	10
52	Integrated interpretation of geophysical data of the Paleozoic structure in the northwestern part of the Siljan Ring impact crater, central Sweden. <i>Journal of Applied Geophysics</i> , 2018, 148, 201-215.	0.9	2
53	Application of Surface-Wave Analysis for Mineral Exploration: A Case Study from Central Sweden. , 2018, , .		2
54	Seismic imaging of dyke swarms within the Sorgenfrei-Tornquist Zone (Sweden) and implications for thermal energy storage. <i>Solid Earth</i> , 2018, 9, 1469-1485.	1.2	13

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55	Three-component seismic land streamer study of an esker architecture through S- and surface-wave imaging. <i>Geophysics</i> , 2018, 83, B339-B353.	1.4	14
56	Internal architecture of the Aln� alkaline and carbonatite complex (central Sweden) revealed using 3D models of gravity and magnetic data. <i>Tectonophysics</i> , 2018, 740-741, 53-71.	0.9	7
57	Why 3D seismic data are an asset for exploration and mine planning? Velocity tomography of weakness zones in the Kevitsa Ni-Cu-PGE mine, northern Finland. <i>Geophysics</i> , 2018, 83, B33-B46.	1.4	13
58	Gravity and magnetic survey, modeling and interpretation in the Bl�tberget iron-oxide mining area of central Sweden. , 2018, , .		4
59	Resolution and sensitivity of boat-towed RMT data to delineate fracture zones â€“ Example of the Stockholm bypass multi-lane tunnel. <i>Journal of Applied Geophysics</i> , 2017, 139, 131-143.	0.9	10
60	Landstreamer seismics and physical property measurements in the Siilinj�rvi open-pit apatite (phosphate) mine, central Finland. <i>Geophysics</i> , 2017, 82, B29-B48.	1.4	29
61	Downhole physical property logging for iron-oxide exploration, rock quality, and mining: An example from central Sweden. <i>Ore Geology Reviews</i> , 2017, 90, 1-13.	1.1	22
62	Developing cost-effective seismic mineral exploration methods using a landstreamer and a drophammer. <i>Scientific Reports</i> , 2017, 7, 10325.	1.6	30
63	Delineating fracture zones using surfaceâ€tunnelâ€surface seismic data, <i>P</i>â€<i>S</i>, and <i>S</i>â€<i>P</i> mode conversions. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 5493-5516.	1.4	16
64	Interlobate esker architecture and related hydrogeological features derived from a combination of high-resolution reflection seismics and refraction tomography, Virttaankangas, southwest Finland. <i>Hydrogeology Journal</i> , 2017, 25, 829-845.	0.9	16
65	The potential of rotary-wing UAV-based magnetic surveys for mineral exploration: A case study from central Sweden. <i>The Leading Edge</i> , 2017, 36, 552-557.	0.4	82
66	Highâ€resolution reflection seismic imaging for the planning of a doubleâ€trainâ€track tunnel in the city of Varberg, southwest Sweden. <i>Near Surface Geophysics</i> , 2017, 15, 226-240.	0.6	15
67	Multi-component digital-based seismic landstreamer and boat-towed radio-magnetotelluric acquisition systems for improved subsurface characterization in the urban environment. <i>First Break</i> , 2017, 35, .	0.2	4
68	Pros and cons of 2D vs 3D seismic mineral exploration surveys. <i>First Break</i> , 2017, 35, .	0.2	9
69	Reflection Seismic Imaging of Iron-oxide Deposits - An Example from Bergslagen Mining District of Sweden. , 2017, , .		6
70	Post-glacial reactivation of the Bolln�s fault, central Sweden â€“ a multidisciplinary geophysical investigation. <i>Solid Earth</i> , 2016, 7, 509-527.	1.2	29
71	Magma transport in sheet intrusions of the Aln� carbonatite complex, central Sweden. <i>Scientific Reports</i> , 2016, 6, 27635.	1.6	17
72	3D magnetotelluric modelling of the Aln� alkaline and carbonatite ring complex, central Sweden. <i>Tectonophysics</i> , 2016, 679, 218-234.	0.9	5

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73	Geophysical characterization of areas prone to quick-clay landslides using radio-magnetotelluric and seismic methods. Tectonophysics, 2016, 677-678, 248-260.	0.9	22
74	On using the thin fluid-layer approach at ultrasonic frequencies for characterising grout propagation in an artificial fracture. International Journal of Rock Mechanics and Minings Sciences, 2016, 89, 68-74.	2.6	5
75	Near-Surface Geophysical Characterization of Areas Prone to Natural Hazards. Advances in Geophysics, 2016, 57, 51-146.	1.1	34
76	Using supervirtual first arrivals in controlled-source hardrock seismic imagingâ€”well worth the effort. Geophysical Journal International, 2016, 206, 716-730.	1.0	27
77	Integration of controlled-source and radio magnetotellurics, electric resistivity tomography, and reflection seismics to delineate 3D structures of a quick-clay landslide site in southwest of Sweden. Geophysics, 2016, 81, B13-B29.	1.4	15
78	Identifying landslide preconditions in Swedish quick claysâ€”insights from integration of surface geophysical, core sample- and downhole property measurements. Landslides, 2016, 13, 905-923.	2.7	20
79	A state-of-the-art MEMs-based 3C Seismic Landstreamer for Various Near-surface Applications. , 2016, , .		3
80	Downhole Physical Properties Measurements Supporting Iron-oxide Deep Exploration and Mining in BlÃ¤ttberget, Sweden. , 2016, , .		3
81	Fracture System Characterization Using Wave-mode Conversions and Tunnel-surface Seismics. , 2016, , .		3
82	3D Traveltime Tomography and Reflection Imaging for Mine Planning and Exploration in the Kevitsa Ni-Cu-PGE Mine, Finland. , 2016, , .		4
83	Developing Urban and Mining Geophysical Instruments and Methods: Pushing the Boundaries Near surface keynote paper. ASEG Extended Abstracts, 2015, 2015, 1-1.	0.1	0
84	Delineating structures controlling sandstoneâ€”hosted baseâ€”metal deposits using highâ€”resolution multicomponent seismic and radioâ€”magnetotelluric methods: a case study from Northern Sweden. Geophysical Prospecting, 2015, 63, 774-797.	1.0	25
85	Building a 3D model of lithological contacts and nearâ€”mine structures in the Kevitsa mining and exploration site, Northern Finland: constraints from 2D and 3D reflection seismic data. Geophysical Prospecting, 2015, 63, 754-773.	1.0	18
86	Integrated interpretation of 3D seismic data to enhance the detection of the goldâ€”bearing reef: Mponeng Gold mine, Witwatersrand Basin (South Africa). Geophysical Prospecting, 2015, 63, 881-902.	1.0	25
87	Multicomponent broadband digital-based seismic landstreamer for near-surface applications. Journal of Applied Geophysics, 2015, 123, 227-241.	0.9	45
88	Seismic characterization of the GrÃ¤ngesberg iron deposit and its mining-induced structures, central Sweden. Interpretation, 2015, 3, SY41-SY56.	0.5	27
89	Boat-towed radio-magnetotellurics â€” A new technique and case study from the city of Stockholm. Geophysics, 2015, 80, B193-B10.	1.4	17
90	Planning of urban underground infrastructure using a broadband seismic landstreamer â€” Tomography results and uncertainty quantifications from a case study in southwestern Sweden. Geophysics, 2015, 80, B177-B192.	1.4	31

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91	Soil classification analysis based on piezocone penetration test data – A case study from a quick-clay landslide site in southwestern Sweden. <i>Engineering Geology</i> , 2015, 189, 32-47.	2.9	31
92	Analysis of borehole geophysical data from the Mora area of the Siljan Ring impact structure, central Sweden. <i>Journal of Applied Geophysics</i> , 2015, 115, 183-196.	0.9	8
93	Neuro-Bayesian facies inversion of prestack seismic data from a carbonate reservoir in Iran. <i>Journal of Petroleum Science and Engineering</i> , 2015, 131, 11-17.	2.1	19
94	Combined use of controlled-source and radio-magnetotelluric methods for near surface studies. <i>ASEG Extended Abstracts</i> , 2015, 2015, 1-4.	0.1	0
95	Introduction to special issue on “hard rock seismic imaging”. <i>Geophysical Prospecting</i> , 2015, 63, 751-753.	1.0	15
96	Automated diffraction delineation using an apex-shifted Radon transform. <i>Journal of Geophysics and Engineering</i> , 2015, 12, 199-209.	0.7	26
97	Laser Doppler Interferometry (LDI) to obtain full stiffness tensor: A case study on a deformation zone in Sweden. <i>ASEG Extended Abstracts</i> , 2015, 2015, 1-4.	0.1	1
98	High resolution seismic imaging at the planned tunnel entrance to the Forsmark repository for spent nuclear fuel, central Sweden. <i>Near Surface Geophysics</i> , 2014, 12, 709-720.	0.6	5
99	High-resolution 3D reflection seismic investigation over a quick-clay landslide scar in southwest Sweden. <i>Geophysics</i> , 2014, 79, B97-B107.	1.4	24
100	Integrated 2D modeling and interpretation of geophysical and geotechnical data to delineate quick clays at a landslide site in southwest Sweden. <i>Geophysics</i> , 2014, 79, EN61-EN75.	1.4	35
101	High-resolution near-surface velocity model building using full-waveform inversion – a case study from southwest Sweden. <i>Geophysical Journal International</i> , 2014, 197, 1693-1704.	1.0	42
102	A review of reflection seismic investigations in three major metallogenic regions: The Kevitsa Ni-Cu PGE district (Finland), Witwatersrand goldfields (South Africa), and the Bathurst Mining Camp (Canada). <i>Ore Geology Reviews</i> , 2014, 56, 423-441.	1.1	39
103	3D interpretation by integrating seismic and potential field data in the vicinity of the proposed COSC-1 drill site, central Swedish Caledonides. <i>Geological Society Special Publication</i> , 2014, 390, 301-319.	0.8	15
104	Application of first-arrival tomography to characterize a quick clay landslide site in Southwest Sweden. <i>Acta Geophysica</i> , 2013, 61, 1057-1073.	1.0	20
105	Understanding the fracture role on hydrocarbon accumulation and distribution using seismic data: A case study on a carbonate reservoir from Iran. <i>Journal of Applied Geophysics</i> , 2013, 96, 98-106.	0.9	14
106	Scaling behavior and the effects of heterogeneity on shallow seismic imaging of mineral deposits: A case study from Brunswick No. 6 mining area, Canada. <i>Journal of Applied Geophysics</i> , 2013, 90, 1-18.	0.9	19
107	Application of probabilistic facies prediction and estimation of rock physics parameters in a carbonate reservoir from Iran. <i>Journal of Geophysics and Engineering</i> , 2013, 10, 015008.	0.7	29
108	Experimental estimation of velocities and anisotropy of a series of Swedish crystalline rocks and ores. <i>Geophysical Prospecting</i> , 2013, 61, 153-167.	1.0	41

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109	High-resolution reflection seismic investigations of quick-clay and associated formations at a landslide scar in southwest Sweden. <i>Journal of Applied Geophysics</i> , 2013, 92, 84-102.	0.9	49
110	Reflection seismic imaging of the deeper structures at the Forsmark spent nuclear fuel repository site, central Sweden. <i>Journal of Applied Geophysics</i> , 2013, 89, 21-34.	0.9	4
111	Geophysical assessment and geotechnical investigation of quick-clay landslides – a Swedish case study. <i>Near Surface Geophysics</i> , 2013, 11, 341-352.	0.6	66
112	New constraints on an existing mineral resource through 3D seismic. <i>ASEG Extended Abstracts</i> , 2013, 2013, 1-3.	0.1	0
113	The upper crustal 3-D resistivity structure of the Kristineberg area, Skellefte district, northern Sweden revealed by magnetotelluric data. <i>Geophysical Journal International</i> , 2013, 192, 500-513.	1.0	17
114	3-D reflection seismic imaging of the Hontomán structure in the Basque-Cantabrian Basin (Spain). <i>Solid Earth</i> , 2013, 4, 481-496.	1.2	14
115	High-resolution 2D seismic imaging and forward modeling of a polymetallic sulfide deposit at Garpenberg, central Sweden. <i>Geophysics</i> , 2013, 78, B339-B350.	1.4	19
116	A multidisciplinary geophysical and geotechnical investigation of quick clay landslides in Sweden. , 2013, , .		2
117	Delineating shallow quick-clay structures using acoustic full-waveform inversion – Case study from southwest Sweden. , 2013, , .		0
118	Carbonatite ring-complexes explained by caldera-style volcanism. <i>Scientific Reports</i> , 2013, 3, 1677.	1.6	24
119	3D resistivity models from inversion of controlled source and radio-magnetotelluric (CSRMT) data at a quick-clay site in southwestern Sweden. , 2013, , .		1
120	Analysis of seismic data and correlation with downhole geophysical measurements in the assessment of a Swedish area prone to quick clay landslides. , 2013, , .		0
121	Seismic methods in mineral exploration and mine planning: A general overview of past and present case histories and a look into the future. <i>Geophysics</i> , 2012, 77, WC173-WC190.	1.4	136
122	3D constraints and finite-difference modeling of massive sulfide deposits: The Kristineberg seismic lines revisited, northern Sweden. <i>Geophysics</i> , 2012, 77, WC69-WC79.	1.4	24
123	Seismic methods in mineral exploration and mine planning – Introduction. <i>Geophysics</i> , 2012, 77, WC1-WC2.	1.4	18
124	Elastic finite-difference modeling of volcanic-hosted massive sulfide deposits: A case study from Half Mile Lake, New Brunswick, Canada. <i>Geophysics</i> , 2012, 77, WC25-WC36.	1.4	30
125	3D reflection seismic imaging for open-pit mine planning and deep exploration in the Kevitsa Ni-Cu-PGE deposit, northern Finland. <i>Geophysics</i> , 2012, 77, WC95-WC108.	1.4	54
126	3D imaging challenges in steeply dipping mining structures: New lights on acquisition geometry and processing from the Brunswick no. 6 seismic data, Canada. <i>Geophysics</i> , 2012, 77, WC109-WC122.	1.4	31



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127	2D reflection seismic investigations at the Kevitsa Ni-Cu-PGE deposit, northern Finland. <i>Geophysics</i> , 2012, 77, WC149-WC162.	1.4	37
128	Re-processing and interpretation of 2D seismic data from the Kristineberg mining area, northern Sweden. <i>Journal of Applied Geophysics</i> , 2012, 80, 43-55.	0.9	13
129	Crustal geometry of the central Skellefte district, northern Sweden – constraints from reflection seismic investigations. <i>Tectonophysics</i> , 2012, 524-525, 87-99.	0.9	29
130	A finite-difference modeling analysis of mode-converted scattering from massive sulfide deposits, Bathurst mining camp, Canada. , 2012, , .		0
131	Reflection seismic investigations in the Dannemora area, central Sweden: Insights into the geometry of polyphase deformation zones and magnetite-skarn deposits. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	48
132	Integrated MagnetoTelluric and seismic reflection study: Skellefte Ore District, northern Sweden. , 2011, , .		0
133	Crustal-scale reflection seismic investigations in the Bathurst Mining Camp, New Brunswick, Canada. <i>Tectonophysics</i> , 2011, 506, 55-72.	0.9	22
134	3D reflection seismic investigation for mine planning and exploration in the Kevitsa Ni-Cu-PGE deposit, northern Finland. , 2011, , .		3
135	Reflection seismic imaging and physical properties of base-metal and associated iron deposits in the Bathurst Mining Camp, New Brunswick, Canada. <i>Ore Geology Reviews</i> , 2010, 38, 319-333.	1.1	39
136	Reflection seismic imaging of the end-glacial PÄrvie Fault system, northern Sweden. <i>Journal of Applied Geophysics</i> , 2010, 70, 307-316.	0.9	79
137	Reflection seismic imaging of the upper crust in the Kristineberg mining area, northern Sweden. <i>Journal of Applied Geophysics</i> , 2010, 71, 125-136.	0.9	50
138	An investigation of the effects of the choice of stacking velocities on residual statics for hardrock reflection seismic processing. <i>Journal of Applied Geophysics</i> , 2010, 72, 28-38.	0.9	18
139	3D diffraction and mode-converted scattering signatures of base metal deposits, Bathurst Mining Camp, Canada. <i>First Break</i> , 2010, 28, .	0.2	12
140	3D Diffraction and Mode-converted Scattering Signatures of Base-metal Deposits – Bathurst Mining Camp, Canada. , 2010, , .		1
141	3D seismic reflection imaging of volcanic-hosted massive sulfide deposits: Insights from reprocessing Halfmile Lake data, New Brunswick, Canada. <i>Geophysics</i> , 2009, 74, B209-B219.	1.4	90
142	The Paleoproterozoic Kristineberg mining area, northern Sweden: Results from integrated 3D geophysical and geologic modeling, and implications for targeting ore deposits. <i>Geophysics</i> , 2009, 74, B9-B22.	1.4	79
143	MT measurements in the western part of the Paleoproterozoic Skellefte Ore District, Northern Sweden: A contribution to an integrated geophysical study. <i>Tectonophysics</i> , 2009, 475, 493-502.	0.9	27
144	3D constraints on a possible deep >2.5Åkm massive sulphide mineralization from 2D crooked-line seismic reflection data in the Kristineberg mining area, northern Sweden. <i>Tectonophysics</i> , 2009, 479, 223-240.	0.9	46

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145	Delineating hydrothermal stockwork copper deposits using controlled-source and radio-magnetotelluric methods: A case study from northeast Iran. <i>Geophysics</i> , 2009, 74, B167-B181.	1.4	30
146	Regional structural profiles in the western part of the Palaeoproterozoic Skellefte Ore District, northern Sweden. <i>Precambrian Research</i> , 2007, 159, 1-18.	1.2	49
147	Cross-profile acquisition and cross-dip analysis for extracting 3D information from 2D surveys, a case study from the western Skellefte District, northern Sweden. <i>Journal of Applied Geophysics</i> , 2007, 63, 1-12.	0.9	26
148	Reflection Seismic Investigations in the Western Part of the Paleoproterozoic VHMS-Bearing Skellefte District, Northern Sweden. <i>Economic Geology</i> , 2006, 101, 1039-1054.	1.8	33
149	Seismic imaging and potential field modelling to delineate structures hosting VHMS deposits in the Skellefte Ore District, northern Sweden. <i>Tectonophysics</i> , 2006, 426, 319-334.	0.9	46
150	BROADBAND SEISMIC SOURCE DATA ACQUISITION AND PROCESSING TO DELINEATE IRON OXIDE DEPOSITS IN THE BLÅTBERGET MINE CENTRAL SWEDEN. <i>Geophysical Prospecting</i> , 0, , .	1.0	4
151	3D reflection seismic imaging of the Zinkgruvan mineral-bearing structures in the southeastern Bergslagen mineral district (Sweden). <i>Geophysical Prospecting</i> , 0, , .	1.0	1