Alireza Malehmir

List of Publications by Year
in descending order

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	Seismic methods in mineral exploration and mine planning: A general overview of past and present case histories and a look into the future. Geophysics, 2012, 77, WC173-WC190.	1.4	136
2	3D seismic reflection imaging of volcanic-hosted massive sulfide deposits: Insights from reprocessing Halfmile Lake data, New Brunswick, Canada. Geophysics, 2009, 74, B209-B219.	1.4	90
3	The potential of rotary-wing UAV-based magnetic surveys for mineral exploration: A case study from central Sweden. The Leading Edge, 2017, 36, 552-557.	0.4	82
4	The Paleoproterozoic Kristineberg mining area, northern Sweden: Results from integrated 3D geophysical and geologic modeling, and implications for targeting ore deposits. Geophysics, 2009, 74, B9-B22.	1.4	79
5	Reflection seismic imaging of the end-glacial Pärvie Fault system, northern Sweden. Journal of Applied Geophysics, 2010, 70, 307-316.	0.9	79
6	Geophysical assessment and geotechnical investigation of quick‐clay landslides – a Swedish case study. Near Surface Geophysics, 2013, 11, 341-352.	0.6	66
7	3D reflection seismic imaging for open-pit mine planning and deep exploration in the Kevitsa Ni-Cu-PGE deposit, northern Finland. Geophysics, 2012, 77, WC95-WC108.	1.4	54
8	Reflection seismic imaging of the upper crust in the Kristineberg mining area, northern Sweden. Journal of Applied Geophysics, 2010, 71, 125-136.	0.9	50
9	Regional structural profiles in the western part of the Palaeoproterozoic Skellefte Ore District, northern Sweden. Precambrian Research, 2007, 159, 1-18.	1.2	49
10	High-resolution reflection seismic investigations of quick-clay and associated formations at a landslide scar in southwest Sweden. Journal of Applied Geophysics, 2013, 92, 84-102.	0.9	49
11	Reflection seismic investigations in the Dannemora area, central Sweden: Insights into the geometry of polyphase deformation zones and magnetite-skarn deposits. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	48
12	Seismic imaging and potential field modelling to delineate structures hosting VHMS deposits in the Skellefte Ore District, northern Sweden. Tectonophysics, 2006, 426, 319-334.	0.9	46
13	3D constraints on a possible deep >2.5 km massive sulphide mineralization from 2D crooked-line seismic reflection data in the Kristineberg mining area, northern Sweden. Tectonophysics, 2009, 479, 223-240.	0.9	46
14	Multicomponent broadband digital-based seismic landstreamer for near-surface applications. Journal of Applied Geophysics, 2015, 123, 227-241.	0.9	45
15	High-resolution near-surface velocity model building using full-waveform inversion—a case study from southwest Sweden. Geophysical Journal International, 2014, 197, 1693-1704.	1.0	42
16	Experimental estimation of velocities and anisotropy of a series of Swedish crystalline rocks and ores. Geophysical Prospecting, 2013, 61, 153-167.	1.0	41
17	Reflection seismic imaging and physical properties of base-metal and associated iron deposits in the Bathurst Mining Camp, New Brunswick, Canada. Ore Geology Reviews, 2010, 38, 319-333.	1.1	39
18	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). Ore Geology Reviews, 2014, 56, 423-441.	1.1	39

#	Article	IF	Citations
19	2D reflection seismic investigations at the Kevitsa Ni-Cu-PGE deposit, northern Finland. Geophysics, 2012, 77, WC149-WC162.	1.4	37
20	Integrated 2D modeling and interpretation of geophysical and geotechnical data to delineate quick clays at a landslide site in southwest Sweden. Geophysics, 2014, 79, EN61-EN75.	1.4	35
21	Near-Surface Geophysical Characterization of Areas Prone to Natural Hazards. Advances in Geophysics, 2016, 57, 51-146.	1.1	34
22	Reflection Seismic Investigations in the Western Part of the Paleoproterozoic VHMS-Bearing Skellefte District, Northern Sweden. Economic Geology, 2006, 101, 1039-1054.	1.8	33
23	3D imaging challenges in steeply dipping mining structures: New lights on acquisition geometry and processing from the Brunswick no. 6 seismic data, Canada. Geophysics, 2012, 77, WC109-WC122.	1.4	31
24	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
25	Soil classification analysis based on piezocone penetration test data â€" A case study from a quick-clay landslide site in southwestern Sweden. Engineering Geology, 2015, 189, 32-47.	2.9	31
26	Delineating hydrothermal stockwork copper deposits using controlled-source and radio-magnetotelluric methods: A case study from northeast Iran. Geophysics, 2009, 74, B167-B181.	1.4	30
27	Elastic finite-difference modeling of volcanic-hosted massive sulfide deposits: A case study from Half Mile Lake, New Brunswick, Canada. Geophysics, 2012, 77, WC25-WC36.	1.4	30
28	Developing cost-effective seismic mineral exploration methods using a landstreamer and a drophammer. Scientific Reports, 2017, 7, 10325.	1.6	30
29	Crustal geometry of the central Skellefte district, northern Sweden â€" constraints from reflection seismic investigations. Tectonophysics, 2012, 524-525, 87-99.	0.9	29
30	Application of probabilistic facies prediction and estimation of rock physics parameters in a carbonate reservoir from Iran. Journal of Geophysics and Engineering, 2013, 10, 015008.	0.7	29
31	Post-glacial reactivation of the Bollnäs fault, central Sweden â€" a multidisciplinary geophysical investigation. Solid Earth, 2016, 7, 509-527.	1.2	29
32	Landstreamer seismics and physical property measurements in the Siilinjärvi open-pit apatite (phosphate) mine, central Finland. Geophysics, 2017, 82, B29-B48.	1.4	29
33	MT measurements in the western part of the Paleoproterozoic Skellefte Ore District, Northern Sweden: A contribution to an integrated geophysical study. Tectonophysics, 2009, 475, 493-502.	0.9	27
34	Seismic characterization of the Grängesberg iron deposit and its mining-induced structures, central Sweden. Interpretation, 2015, 3, SY41-SY56.	0.5	27
35	Using supervirtual first arrivals in controlled-source hardrock seismic imagingâ€"well worth the effort. Geophysical Journal International, 2016, 206, 716-730.	1.0	27
36	Cross-profile acquisition and cross-dip analysis for extracting 3D information from 2D surveys, a case study from the western Skellefte District, northern Sweden. Journal of Applied Geophysics, 2007, 63, 1-12.	0.9	26

#	Article	IF	Citations
37	Automated diffraction delineation using an apex-shifted Radon transform. Journal of Geophysics and Engineering, 2015, 12, 199-209.	0.7	26
38	Delineating structures controlling sandstone–hosted base–metal deposits using high–resolution multicomponent seismic and radio–magnetotelluric methods: a case study from Northern Sweden. Geophysical Prospecting, 2015, 63, 774-797.	1.0	25
39	Integrated interpretation of 3D seismic data to enhance the detection of the gold–bearing reef: Mponeng Gold mine, Witwatersrand Basin (South Africa). Geophysical Prospecting, 2015, 63, 881-902.	1.0	25
40	Deep reflection seismic imaging of iron–oxide deposits in the Ludvika mining area of central Sweden. Geophysical Prospecting, 2020, 68, 7-23.	1.0	25
41	3D constraints and finite-difference modeling of massive sulfide deposits: The Kristineberg seismic lines revisited, northern Sweden. Geophysics, 2012, 77, WC69-WC79.	1.4	24
42	Carbonatite ring-complexes explained by caldera-style volcanism. Scientific Reports, 2013, 3, 1677.	1.6	24
43	High-resolution 3D reflection seismic investigation over a quick-clay landslide scar in southwest Sweden. Geophysics, 2014, 79, B97-B107.	1.4	24
44	Crustal-scale reflection seismic investigations in the Bathurst Mining Camp, New Brunswick, Canada. Tectonophysics, 2011, 506, 55-72.	0.9	22
45	Geophysical characterization of areas prone to quick-clay landslides using radio-magnetotelluric and seismic methods. Tectonophysics, 2016, 677-678, 248-260.	0.9	22
46	Downhole physical property logging for iron-oxide exploration, rock quality, and mining: An example from central Sweden. Ore Geology Reviews, 2017, 90, 1-13.	1.1	22
47	Estimation of groundwater storage from seismic data using deep learning. Geophysical Prospecting, 2019, 67, 2115-2126.	1.0	22
48	Seismic depth imaging of iron–oxide deposits and their host rocks in the Ludvika mining area of central Sweden. Geophysical Prospecting, 2020, 68, 24-43.	1.0	22
49	Application of first-arrival tomography to characterize a quick clay landslide site in Southwest Sweden. Acta Geophysica, 2013, 61, 1057-1073.	1.0	20
50	Identifying landslide preconditions in Swedish quick clays—insights from integration of surface geophysical, core sample- and downhole property measurements. Landslides, 2016, 13, 905-923.	2.7	20
51	Improved target illumination at Ludvika mines of Sweden through seismic–interferometric surface–wave suppression. Geophysical Prospecting, 2020, 68, 200-213.	1.0	20
52	Scaling behavior and the effects of heterogeneity on shallow seismic imaging of mineral deposits: A case study from Brunswick No. 6 mining area, Canada. Journal of Applied Geophysics, 2013, 90, 1-18.	0.9	19
53	High-resolution 2D seismic imaging and forward modeling of a polymetallic sulfide deposit at Garpenberg, central Sweden. Geophysics, 2013, 78, B339-B350.	1.4	19
54	Neuro-Bayesian facies inversion of prestack seismic data from a carbonate reservoir in Iran. Journal of Petroleum Science and Engineering, 2015, 131, 11-17.	2.1	19

#	Article	IF	Citations
55	Surface-wave analysis for static corrections in mineral exploration: A case study from central Sweden. Geophysical Prospecting, 2020, 68, 214-231.	1.0	19
56	An investigation of the effects of the choice of stacking velocities on residual statics for hardrock reflection seismic processing. Journal of Applied Geophysics, 2010, 72, 28-38.	0.9	18
57	Seismic methods in mineral exploration and mine planning â€" Introduction. Geophysics, 2012, 77, WC1-WC2.	1.4	18
58	Building a 3D model of lithological contacts and near-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
59	Improved structural interpretation of legacy 3D seismic data from Karee platinum mine (South Africa) through the application of novel seismic attributes. Geophysical Prospecting, 2020, 68, 145-163.	1.0	18
60	The upper crustal 3-D resistivity structure of the Kristineberg area, Skellefte district, northern Sweden revealed by magnetotelluric data. Geophysical Journal International, 2013, 192, 500-513.	1.0	17
61	Boat-towed radio-magnetotellurics â€" A new technique and case study from the city of Stockholm. Geophysics, 2015, 80, B193-B10.	1.4	17
62	Magma transport in sheet intrusions of the Alnö carbonatite complex, central Sweden. Scientific Reports, 2016, 6, 27635.	1.6	17
63	Delineating fracture zones using surface-tunnel-surface seismic data, P-S, and S-P mode conversions. Journal of Geophysical Research: Solid Earth, 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. Hydrogeology Journal, 2017, 25, 829-845.	0.9	16
65	Crosscoherence-based interferometry for the retrieval of first arrivals and subsequent tomographic imaging of differential weathering. Geophysics, 2019, 84, Q37-Q48.	1.4	16
66	3D interpretation by integrating seismic and potential field data in the vicinity of the proposed COSC-1 drill site, central Swedish Caledonides. Geological Society Special Publication, 2014, 390, 301-319.	0.8	15
67	Introduction to special issue on â€œhard rock seismic imagingâ€• Geophysical Prospecting, 2015, 63, 751-753.	1.0	15
68	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
69	High-resolution reflection seismic imaging for the planning of a double-train-track tunnel in the city of Varberg, southwest Sweden. Near Surface Geophysics, 2017, 15, 226-240.	0.6	15
70	Sparse 3D reflection seismic survey for deep-targeting iron oxide deposits and their host rocks, Ludvika Mines, Sweden. Solid Earth, 2021, 12, 483-502.	1.2	15
71	Understanding the fracture role on hydrocarbon accumulation and distribution using seismic data: A case study on a carbonate reservoir from Iran. Journal of Applied Geophysics, 2013, 96, 98-106.	0.9	14
72	3-D reflection seismic imaging of the Hontomín structure in the Basque–Cantabrian Basin (Spain). Solid Earth, 2013, 4, 481-496.	1.2	14

#	Article	IF	Citations
73	Three-component seismic land streamer study of an esker architecture through S- and surface-wave imaging. Geophysics, 2018, 83, B339-B353.	1.4	14
74	Boat-towed radio-magnetotelluric and controlled source audio-magnetotelluric study to resolve fracture zones at Ã„spÃ¶ Hard Rock Laboratory site, Sweden. Geophysical Journal International, 2019, 218, 1008-1031.	1.0	14
75	Re-processing and interpretation of 2D seismic data from the Kristineberg mining area, northern Sweden. Journal of Applied Geophysics, 2012, 80, 43-55.	0.9	13
76	Seismic imaging of dyke swarms within the Sorgenfreiâ€"Tornquist Zone (Sweden) and implications for thermal energy storage. Solid Earth, 2018, 9, 1469-1485.	1.2	13
77	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. Geophysics, 2018, 83, B33-B46.	1.4	13
78	3D diffraction and mode-converted scattering signatures of base metal deposits, Bathurst Mining Camp, Canada. First Break, 2010, 28, .	0.2	12
79	Potential of legacy 2D seismic data for deep targeting and structural imaging at the Nevesâ€"Corvo massive sulphideâ€"bearing deposit, Portugal. Geophysical Prospecting, 2020, 68, 44-61.	1.0	12
80	Reprocessing legacy three-dimensional seismic data from the Halfmile Lake and Brunswick No. 6 volcanogenic massive sulphide deposits, New Brunswick, Canada. Canadian Journal of Earth Sciences, 2019, 56, 569-583.	0.6	11
81	Emplacement and 3D geometry of crustal-scale saucer-shaped intrusions in the Fennoscandian Shield. Scientific Reports, 2019, 9, 10498.	1.6	11
82	Innovative seismic imaging of volcanogenic massive sulfide deposits, Neves-Corvo, Portugal â€" Part 1: In-mine array. Geophysics, 2021, 86, B165-B179.	1.4	11
83	Resolution and sensitivity of boat-towed RMT data to delineate fracture zones â€" Example of the Stockholm bypass multi-lane tunnel. Journal of Applied Geophysics, 2017, 139, 131-143.	0.9	10
84	Joint inversion of lake-floor electrical resistivity tomography and boat-towed radio-magnetotelluric data illustrated on synthetic data and an application from the Ã„spÃ¶ Hard Rock Laboratory site, Sweden. Geophysical Journal International, 2018, 213, 511-533.	1.0	10
85	Smart Exploration: from legacy data to state-of-the-art data acquisition and imaging. First Break, 2019, 37, 71-74.	0.2	10
86	Deep onshore reflection seismic imaging of the chalk group strata using a 45Âkg accelerated weight-drop and combined recording systems with dense receiver spacing. Geophysics, 2019, 84, B259-B268.	1.4	9
87	Introduction to the special issue on â€œCostâ€"effective and innovative mineral exploration solutionsâ€. Geophysical Prospecting, 2020, 68, 3-6.	1.0	9
88	Geotechnical site characterization using multichannel analysis of surface waves: A case study of an area prone to quickâ€"clay landslides in southwest Sweden. Near Surface Geophysics, 2021, 19, 699-715.	0.6	9
89	Pros and cons of 2D vs 3D seismic mineral exploration surveys. First Break, 2017, 35, .	0.2	9
90	Fault intersections control short period intraplate start-stop seismicity in the Korean Peninsula. Tectonophysics, 2022, 834, 229387.	0.9	9

#	Article	IF	Citations
91	Diffraction pattern recognition using deep semantic segmentation. Near Surface Geophysics, 2022, 20, 507-518.	0.6	9
92	Analysis of borehole geophysical data from the Mora area of the Siljan Ring impact structure, central Sweden. Journal of Applied Geophysics, 2015, 115, 183-196.	0.9	8
93	Data mining of petrophysical and lithogeochemical borehole data to elucidate the origin of seismic reflectivity within the Kevitsa Niâ€"Cuâ€"PGE bearing intrusion, northern Finland. Geophysical Prospecting, 2020, 68, 82-102.	1.0	8
94	Giving the legacy seismic data the attention they deserve. First Break, 2019, 37, 89-96.	0.2	8
95	Internal architecture of the AlnÃ¶ alkaline and carbonatite complex (central Sweden) revealed using 3D models of gravity and magnetic data. Tectonophysics, 2018, 740-741, 53-71.	0.9	7
96	Innovative seismic imaging of volcanogenic massive sulfide deposits, Neves-Corvo, Portugal â€" Part 2: Surface array. Geophysics, 2021, 86, B181-B191.	1.4	7
97	Reverse time migration (RTM) imaging of iron oxide deposits in the Ludvika mining area, Sweden. Solid Earth, 2021, 12, 1707-1718.	1.2	7
98	Smart Exploration: Innovative ways of exploring for the raw materials in the EU. , 2019, , .		7
99	Seismic Imaging Using Electromagnetic Vibrators - Storm versus Lightning. , 2019, , .		7
100	Subsurface characterization of a quick-clay vulnerable area using near-surface geophysics and hydrological modelling. Solid Earth, 2019, 10, 1685-1705.	1.2	6
101	The role of mafic dykes in the petrogenesis of the Archean SiilinjÃ¤rvi carbonatite complex, east-central Finland. Lithos, 2019, 342-343, 468-479.	0.6	6
102	Seismic imaging using an e-vib â€" A case study analyzing the signal properties of a seismic vibrator driven by electric linear synchronous motors. Geophysics, 2021, 86, B223-B235.	1.4	6
103	Reflection Seismic Imaging of Iron-oxide Deposits - An Example from Bergslagen Mining District of Sweden. , 2017, , .		6
104	3D high-resolution seismic imaging of the iron oxide deposits in Ludvika (Sweden) using full-waveform inversion and reverse time migration. Solid Earth, 2022, 13, 1065-1085.	1.2	6
105	High resolution seismic imaging at the planned tunnel entrance to the Forsmark repository for spent nuclear fuel, central Sweden. Near Surface Geophysics, 2014, 12, 709-720.	0.6	5
106	3D magnetotelluric modelling of the AlnÃ¶ alkaline and carbonatite ring complex, central Sweden. Tectonophysics, 2016, 679, 218-234.	0.9	5
107	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
108	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. Minerals (Basel,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5		

#	Article	IF	Citations
109	Geophysical investigation of the down-dip extension of the Lombador massive sulphide deposit, Neves-Corvo, Portugal. International Journal of Earth Sciences, 2021, 110, 911-922.	0.9	5
110	Seismic imaging across fault systems in the Abitibi greenstone belt â€" an analysis of pre- and post-stack migration approaches in the Chibougamau area, Quebec, Canada. Solid Earth, 2021, 12, 1143-1164.	1.2	5
111	A reappraisal of legacy reflection seismic data from the western margin of the Kaapvaal craton, South Africa, with implications for Mesozoic-Cenozoic regional tectonics. Tectonophysics, 2021, 813, 228934.	0.9	5
112	Long-lived Paleoproterozoic eclogitic lower crust. Nature Communications, 2021, 12, 6553.	5.8	5
113	Reflection seismic imaging of the deeper structures at the Forsmark spent nuclear fuel repository site, central Sweden. Journal of Applied Geophysics, 2013, 89, 21-34.	0.9	4
114	Cross-profile seismic data acquisition, imaging, and modeling of iron-oxide deposits: A case study from BlÃ¶tberget, south-central Sweden. Geophysics, 2020, 85, B233-B247.	1.4	4
115	Gravity and magnetic survey, modeling and interpretation in the BlÃ¶tberget iron-oxide mining area of central Sweden. , 2018, , .		4
116	Multi-component digital-based seismic landstreamer and boat-towed radio-magnetotelluric acquisition systems for improved subsurface characterization in the urban environment. First Break, 2017, 35, .	0.2	4
117	3D Traveltime Tomography and Reflection Imaging for Mine Planning and Exploration in the Kevitsa Ni-Cu-PGE Mine, Finland. , 2016, , .		4
118	BROADBAND SEISMIC SOURCE DATA ACQUSITION AND PROCESSING TO DELINEATE IRONâ€OXIDE DEPOSITS IN THE BLÃ—TBERGET MINEâ€CENTRAL SWEDEN. Geophysical Prospecting, 0, , .	1.0	4
119	3D reflection seismic investigation for mine planning and exploration in the Kevitsa Niâ€Cuâ€PGE deposit, northern Finland. , 2011, , .		3
120	Magnetic characterisation of magnetite and hematite from the BlÃ¶tberget apatiteâ€‰â€"â€‰iron oxide deposits (Bergslagen), south-central Sweden. Canadian Journal of Earth Sciences, 2019, 56, 948-957.	0.6	3
121	Mapping subsurface karsts and voids using directional elastic wave packets. Geophysics, 2021, 86, S405-S416.	1.4	3
122	A state-of-the-art MEMs-based 3C Seismic Landstreamer for Various Near-surface Applications. , 2016, , .		3
123	Downhole Physical Properties Measurements Supporting Iron-oxide Deep Exploration and Mining in BlÃ¶tberget, Sweden. , 2016, , .		3
124	Fracture System Characterization Using Wave-mode Conversions and Tunnel-surface Seismics. , 2016, , .		3
125	Three-dimensional reflection seismic imaging of the iron oxide deposits in the Ludvika mining area, Sweden, using Fresnel volume migration. Solid Earth, 2022, 13, 917-934.	1.2	3
126	A multidisciplinary geophysical and geotechnical investigation of quick clay landslides in Sweden. , 2013, , .		2

#	Article	IF	Citations
127	Integrated interpretation of geophysical data of the Paleozoic structure in the northwestern part of the Siljan Ring impact crater, central Sweden. Journal of Applied Geophysics, 2018, 148, 201-215.	0.9	2
128	Application of Surface-Wave Analysis for Mineral Exploration: A Case Study from Central Sweden. , 2018, , .		2
129	Reflection seismic imaging to unravel subsurface geological structures of the Zinkgruvan mining area, central Sweden. Ore Geology Reviews, 2021, 137, 104306.	1.1	2
130	Time-Synchronized Geophysical Investigations in Denied GPS-Time Spaces. , 2019, , .		2
131	A drill-hole, geological and geophysical data-based 3D model for target generation in Neves-Corvo mine region, Portugal. International Journal of Earth Sciences, 2022, 111, 403-424.	0.9	2
132	Smart Exploration inspires innovative geophysical solutions for mineral exploration in Europe. First Break, 2020, 38, 51-56.	0.2	2
133	3D resistivity models from inversion of controlled source and radio-magnetotelluric (CSRMT) data at a quick-clay site in southwestern Sweden. , 2013, , .		1
134	Ultra-high-resolution multicomponent seismic imaging of a quick-clay landslide-prone area in southwest of Sweden. , 2021, , .		1
135	Broadband seismic data acquisition using an E-vib source for enhanced imaging of iron-oxide deposits, Sweden. , 2020, , .		1
136	3D Diffraction and Mode-converted Scattering Signatures of Base-metal Deposits â€" Bathurst Mining Camp, Canada. , 2010, , .		1
137	Laser Doppler Interferometry (LDI) to obtain full stiffness tensor: A case study on a deformation zone in Sweden. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	1
138	Addressing geometrical attributes and seismic imaging capability of fault systems in a world-class metal endowed region: Abitibi Greenstone Belt, Canada. Tectonophysics, 2022, 833, 229361.	0.9	1
139	3D reflection seismic imaging of the Zinkgruvan mineralâ€bearing structures in the southâ€eastern Bergslagen mineral district (Sweden). Geophysical Prospecting, 0, , .	1.0	1
140	Integrated MagnetoTelluric and seismic reflection study: Skellefte Ore District, northern Sweden. , 2011, , .		0
141	New constraints on an existing mineral resource through 3D seismic. ASEG Extended Abstracts, 2013, 2013, 1-3.	0.1	0
142	Delineating shallow quick-clay structures using acoustic full-waveform inversionâ€"Case study from southwest Sweden. , 2013, , .		0
143	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
144	Combined use of controlled-source and radio-magnetotelluric methods for near surface studies. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	0

#	Article	IF	Citations
145	Geophysical characterization of late-Quaternary glaciofluvial complex and glacial stratigraphy in the Satakunta sandstone area, KÃ¶yliÃ¶, southwest Finland. Quaternary Research, 2021, 100, 135-153.	1.0	0
146	Data reconstruction using seismic interferometry applied to active-source data from the Ludvika Mines of Sweden. , 2021, , .		0
147	Reply to comments on â€œSeismic imaging using an e-vib â€" A case study analyzing the signal properties of a seismic vibrator driven by electric linear synchronous motorsâ€•(Bojan Brodic, Paul Ras, Richard de) Tj ETQq1 1 0.784314 rgBT /Overlay Geophysics, 2021, 86, X3-X4.	1.4	0
148	A finite-difference modeling analysis of mode-converted scattering from massive sulfide deposits, Bathurst mining camp, Canada. , 2012, , .		0
149	Analysis of seismic data and correlation with downhole geophysical measurements in the assessment of a Swedish area prone to quick clay landslides. , 2013, , .		0
150	Surface-wave suppression through seismic interferometry: A case study at the SiilinjÃ¤vi phosphate mine in Finland. , 2020, , .		0
151	Imaging and Characterization of Glacially Induced Faults Using Applied Geophysics. , 2021, , 118-132.		0