## Mrinal K Sen

## List of Publications by Citations

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149<br/>papers3,818<br/>citations33<br/>h-index58<br/>g-index177<br/>ext. papers4,737<br/>ext. citations2.5<br/>avg, IF5.9<br/>L-index

#	Paper	IF	Citations
149	Nonlinear one-dimensional seismic waveform inversion using simulated annealing. <i>Geophysics</i> , <b>1991</b> , 56, 1624-1638	3.1	341
148	Nonlinear multiparameter optimization using genetic algorithms: Inversion of plane-wave seismograms. <i>Geophysics</i> , <b>1991</b> , 56, 1794-1810	3.1	270
147	Bayesian inference, GibbsTsampler and uncertainty estimation in geophysical inversion1. <i>Geophysical Prospecting</i> , <b>1996</b> , 44, 313-350	1.9	212
146	Global Optimization Methods in Geophysical Inversion 2013,		188
145	A new timespace domain high-order finite-difference method for the acoustic wave equation. Journal of Computational Physics, <b>2009</b> , 228, 8779-8806	4.1	143
144	Grid dispersion and stability criteria of some common finite-element methods for acoustic and elastic wave equations. <i>Geophysics</i> , <b>2007</b> , 72, T81-T95	3.1	134
143	The interior penalty discontinuous Galerkin method for elastic wave propagation: grid dispersion. <i>Geophysical Journal International</i> , <b>2008</b> , 175, 83-93	2.6	111
142	An implicit staggered-grid finite-difference method for seismic modelling. <i>Geophysical Journal International</i> , <b>2009</b> , 179, 459-474	2.6	94
141	A hybrid scheme for absorbing edge reflections in numerical modeling of wave propagation. <i>Geophysics</i> , <b>2010</b> , 75, A1-A6	3.1	91
140	Born integral, stationary phase and linearized reflection coefficients in weak anisotropic media. <i>Geophysical Journal International</i> , <b>2004</b> , 158, 225-238	2.6	82
139	Artificial neural networks for parameter estimation in geophysics. <i>Geophysical Prospecting</i> , <b>2000</b> , 48, 21-47	1.9	82
138	A prestack basis pursuit seismic inversion. <i>Geophysics</i> , <b>2013</b> , 78, R1-R11	3.1	80
137	Computation of differential seismograms and iteration adaptive regularization in prestack waveform inversion. <i>Geophysics</i> , <b>2003</b> , 68, 2026-2039	3.1	79
136	Prestack and poststack inversion using a physics-guided convolutional neural network. <i>Interpretation</i> , <b>2019</b> , 7, SE161-SE174	1.4	75
135	Stability of the high-order finite elements for acoustic or elastic wave propagation with high-order time stepping. <i>Geophysical Journal International</i> , <b>2010</b> , 181, 577-590	2.6	73
134	Estimating a starting model for full-waveform inversion using a global optimization method. <i>Geophysics</i> , <b>2016</b> , 81, R211-R223	3.1	61
133	Finite-difference modeling with adaptive variable-length spatial operators. <i>Geophysics</i> , <b>2011</b> , 76, T79-T	89.1	60

Nonlinear inversion of resistivity sounding data. Geophysics, 1993, 58, 496-507 60 132 3.1 Least-squares reverse time migration in elastic media. Geophysical Journal International, 2017, 208, 1103216 25 57 131 Application of Very Fast Simulated Annealing to the Determination of the Crustal Structure 2.6 130 57 Beneath Tibet. Geophysical Journal International, 1996, 125, 355-370 TimeSpace domain dispersion-relation-based finite-difference method with arbitrary even-order 56 129 4.1 accuracy for the 2D acoustic wave equation. Journal of Computational Physics, 2013, 232, 327-345 Vertical fracture detection by exploiting the polarization properties of ground-penetrating radar 128 56 3.1 signals. Geophysics, 2004, 69, 803-810 Automatic NMO correction and velocity estimation by a feedforward neural network. Geophysics, 127 3.1 56 **1998**, 63, 1696-1707 Transdimensional seismic inversion using the reversible jump Hamiltonian Monte Carlo algorithm. 126 3.1 55 Geophysics, 2017, 82, R119-R134 Finite-difference modelling of S-wave splitting in anisotropic media. Geophysical Prospecting, 2008, 125 1.9 55 56, 293-312 Hybrid optimization methods for geophysical inversion. Geophysics, 1997, 62, 1196-1207 124 3.1 51 Optimal parameter and uncertainty estimation of a land surface model: A case study using data 123 44 from Cabauw, Netherlands. Journal of Geophysical Research, 2003, 108, Full waveform inversion of reflection seismic data for ocean temperature profiles. Geophysical 122 4.9 42 Research Letters, 2008, 35, Effective finite-difference modelling methods with 2-D acoustic wave equation using a combination 2.6 121 42 of cross and rhombus stencils. Geophysical Journal International, 2016, 206, 1933-1958 Plane-wave depth migration. *Geophysics*, **2006**, 71, S261-S272 120 3.1 40 Elastic wave propagation in fractured media using the discontinuous Galerkin method. Geophysics, 36 119 3.1 2016, 81, T163-T174 A comparison of finite-difference and spectral-element methods for elastic wave propagation in 118 2.6 35 media with a fluid-solid interface. Geophysical Journal International, 2015, 200, 278-298 Impacts of data length on optimal parameter and uncertainty estimation of a land surface model. 117 35 Journal of Geophysical Research, 2004, 109, Acoustic VTI modeling with a time-space domain dispersion-relation-based finite-difference 116 3.1 33 scheme. Geophysics, 2010, 75, A11-A17 Prestack migration velocity estimation using nonlinear methods. Geophysics, 1996, 61, 138-150 28 115

114	Joint inversion of first arrival seismic travel-time and gravity data. <i>Journal of Geophysics and Engineering</i> , <b>2005</b> , 2, 277-289	1.3	27
113	Hopfield neural networks, and mean field annealing for seismic deconvolution and multiple attenuation. <i>Geophysics</i> , <b>1997</b> , 62, 992-1002	3.1	26
112	Autonomic oil reservoir optimization on the Grid. <i>Concurrency Computation Practice and Experience</i> , <b>2005</b> , 17, 1-26	1.4	26
111	Non-linear inversion of resistivity profiling data for some regular geometrical bodies1. <i>Geophysical Prospecting</i> , <b>1995</b> , 43, 979-1003	1.9	25
110	A hybrid absorbing boundary condition for elastic staggered-grid modelling. <i>Geophysical Prospecting</i> , <b>2012</b> , 60, 1114-1132	1.9	24
109	Enforcing smoothness and assessing uncertainty in non-linear one-dimensional prestack seismic inversion. <i>Geophysical Prospecting</i> , <b>2006</b> , 54, 239-259	1.9	21
108	Use of VFSA for resolution, sensitivity and uncertainty analysis in 1D DC resistivity and IP inversion. <i>Geophysical Prospecting</i> , <b>2003</b> , 51, 393-408	1.9	21
107	Time-space-domain mesh-free finite difference based on least squares for 2D acoustic-wave modeling. <i>Geophysics</i> , <b>2017</b> , 82, T143-T157	3.1	20
106	3D acoustic wave modelling with time-space domain dispersion-relation-based finite-difference schemes and hybrid absorbing boundary conditions. <i>Exploration Geophysics</i> , <b>2011</b> , 42, 176-189	1	20
105	Prestack plane-wave Kirchhoff migration in laterally varying media. <i>Geophysics</i> , <b>1996</b> , 61, 1068-1079	3.1	20
104	Deep crustal seismic reflection images from the Dharwar craton, Southern India vidence for the Neoarchean subduction. <i>Geophysical Journal International</i> , <b>2018</b> , 212, 777-794	2.6	19
103	2D Full-Waveform Inversion and Uncertainty Estimation using the Reversible Jump Hamiltonian Monte Carlo <b>2017</b> ,		19
102	Background velocity estimation using non-linear optimization for reflection tomography and migration misfit. <i>Geophysical Prospecting</i> , <b>1998</b> , 46, 51-78	1.9	19
101	Double-plane-wave reverse time migration in the frequency domain. <i>Geophysics</i> , <b>2016</b> , 81, S367-S382	3.1	18
100	Predicting subsurface CO2 movement: From laboratory to field scale. <i>Geophysics</i> , <b>2012</b> , 77, M27-M37	3.1	17
99	Choice of regularization weight in basis pursuit reflectivity inversion. <i>Journal of Geophysics and Engineering</i> , <b>2015</b> , 12, 70-79	1.3	16
98	Time-lapse seismic data registration and inversion for CO2 sequestration study at Cranfield. <i>Geophysics</i> , <b>2013</b> , 78, B329-B338	3.1	16
97	Split-step Fourier migration of GPR data in lossy media. <i>Geophysics</i> , <b>2006</b> , 71, K77-K91	3.1	15

96	Least-squares path-summation diffraction imaging using sparsity constraints. <i>Geophysics</i> , <b>2019</b> , 84, S187	7 <sub>3</sub> S <u>1</u> 200	13
95	Crustal and uppermost mantle structure in the Middle East: assessing constraints provided by jointly modelling Ps and Sp receiver functions and Rayleigh wave group velocity dispersion curves. <i>Geophysical Journal International</i> , <b>2015</b> , 201, 783-810	2.6	13
94	Dip selective 2-D multiple attenuation in the plane-wave domain. <i>Geophysics</i> , <b>2000</b> , 65, 264-274	3.1	13
93	Shallow lithosphere-asthenosphere boundary beneath Cambay Rift Zone of India: Inferred presence of carbonated partial melt. <i>Journal of the Geological Society of India</i> , <b>2016</b> , 88, 401-406	1.3	12
92	Numerical modeling of wave equation by a truncated high-order finite-difference method. <i>Earthquake Science</i> , <b>2009</b> , 22, 205-213	1.5	11
91	Using different hydrological variables to assess the impacts of atmospheric forcing errors on optimization and uncertainty analysis of the CHASM surface model at a cold catchment. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		11
90	An improved hybrid absorbing boundary condition for wave equation modeling. <i>Journal of Geophysics and Engineering</i> , <b>2018</b> , 15, 2602-2613	1.3	11
89	2-D migration velocity estimation using a genetic algorithm. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 149	5 <sub>4</sub> .1 <sub>9</sub> 199	310
88	Common Reflection Surface Stack Imaging of the Proterozoic Chambal Valley Vindhyan Basin and Its Boundary Fault in the Northwest India: Constraints on Crustal Evolution and Basin Formation. <i>Tectonics</i> , <b>2018</b> , 37, 1393-1410	4.3	9
87	Unsupervised physics-based neural networks for seismic migration. <i>Interpretation</i> , <b>2019</b> , 7, SE189-SE200	1.4	9
86	Lithospheric structure of the Texas-Gulf of Mexico passive margin from surface wave dispersion and migrated Ps receiver functions. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2015</b> , 16, 2221-2239	3.6	9
85	Ray-Born inversion for fracture parameters. <i>Geophysical Journal International</i> , <b>2010</b> , 180, 1274-1288	2.6	9
84	Multidataset Study of Optimal Parameter and Uncertainty Estimation of a Land Surface Model with Bayesian Stochastic Inversion and Multicriteria Method. <i>Journal of Applied Meteorology and Climatology</i> , <b>2004</b> , 43, 1477-1497		9
83	A new Fourier azimuthal amplitude variation fracture characterization method: Case study in the Haynesville Shale. <i>Geophysics</i> , <b>2018</b> , 83, WA101-WA120	3.1	9
82	Double plane-wave reverse-time migration. <i>Geophysical Prospecting</i> , <b>2017</b> , 65, 1541-1558	1.9	8
81	Numerical and Field Investigations of GPR: Toward an Airborne GPR. Subsurface Sensing Technologies and Applications, <b>2003</b> , 4, 41-60		8
80	A simulation and data analysis system for large-scale, data-driven oil reservoir simulation studies. <i>Concurrency Computation Practice and Experience</i> , <b>2005</b> , 17, 1441-1467	1.4	8
79	A gradient based MCMC method for FWI and uncertainty analysis 2019,		8

78	Frequency-dependent AVO analysis: A potential seismic attribute for thin-bed identification. <i>Geophysics</i> , <b>2021</b> , 86, N1-N17	3.1	8
77	Full-waveform inversion of salt models using shape optimization and simulated annealing. <i>Geophysics</i> , <b>2019</b> , 84, R793-R804	3.1	7
76	Double Plane Wave Least Squares Reverse Time Migration <b>2015</b> ,		7
75	Observation of shear-wave splitting in the multicomponent node data from Atlantis field, Gulf of Mexico. <i>Geophysical Prospecting</i> , <b>2010</b> , 58, 953	1.9	7
74	Seismic reflection coefficients of faults at low frequencies: a model study. <i>Geophysical Prospecting</i> , <b>2008</b> , 56, 287-292	1.9	7
73	A possible mechanism for the spatial distribution of seismicity in northern Gulf of Mexico. <i>Geophysical Journal International</i> , <b>2008</b> , 175, 1141-1153	2.6	7
72	Pre-stack inversion using a physics-guided convolutional neural network <b>2019</b> ,		7
71	Frequency-dependent AVO analysis using the scattering response of a layered reservoir. <i>Geophysics</i> , <b>2020</b> , 85, N1-N16	3.1	7
70	Minibatch least-squares reverse time migration in a deep-learning framework. <i>Geophysics</i> , <b>2021</b> , 86, S1	25 <del>,</del> §14	<b>2</b> 7
69	Gravity inversion by the Multi-HOmogeneity Depth Estimation method for investigating salt domes and complex sources. <i>Geophysical Prospecting</i> , <b>2018</b> , 66, 175-191	1.9	7
68	Deep learning for velocity model building with common-image gather volumes. <i>Geophysical Journal International</i> ,	2.6	7
67	A Boltzmann machine for high-resolution prestack seismic inversion. <i>Interpretation</i> , <b>2019</b> , 7, SE215-SE2	2 <b>4</b> .4	6
66	Reciprocity and double plane-wave migration. <i>Geophysics</i> , <b>2017</b> , 82, S453-S466	3.1	6
65	Time-lapse pre-stack seismic data registration and inversion for CO2 sequestration study at Cranfield. <i>Geophysical Prospecting</i> , <b>2014</b> , 62, 1028-1039	1.9	6
64	Simultaneous stochastic inversion of prestack seismic data using hybrid evolutionary algorithm <b>2010</b> ,		6
63	A gradient-based Markov chain Monte Carlo method for full-waveform inversion and uncertainty analysis. <i>Geophysics</i> , <b>2021</b> , 86, R15-R30	3.1	6
62	Frequency-domain double-plane-wave least-squares reverse time migration. <i>Geophysical Prospecting</i> , <b>2019</b> , 67, 2061-2084	1.9	5
61	A hybrid scheme for seismic modelling based on Galerkin method. <i>Geophysical Journal International</i> , <b>2011</b> , 186, 1165-1178	2.6	5

## (2013-2012)

60	Shallow splay fault properties of the Nankai Trough accretionary wedge inferred from seismic inversion. <i>Journal of Geophysics and Engineering</i> , <b>2012</b> , 9, 1-11	1.3	5
59	Seismic critical-angle anisotropy analysis in the 🛭 p domain. <i>Geophysics</i> , <b>2009</b> , 74, A53-A57	3.1	5
58	Hopfield networks for high-resolution prestack seismic inversion 2018,		5
57	3D simulation of seismic-wave propagation in fractured media using an integral method accommodating irregular geometries. <i>Geophysics</i> , <b>2018</b> , 83, WA121-WA136	3.1	5
56	Free-surface multiple attenuation for blended data. <i>Geophysics</i> , <b>2016</b> , 81, V227-V233	3.1	4
55	Fast image-domain target-oriented least-squares reverse time migration. <i>Geophysics</i> , <b>2018</b> , 83, A81-A86	53.1	4
54	Frequency-dependent AVO analysis based on scattering series 2017,		4
53	Pre-stack Trans-dimensional Seismic Inversion <b>2015</b> ,		4
52	A practical approach to mode-converted shear wave velocity analysis from 3C data 2010,		4
51	Azimuthal reflectivity and quantitative evaluation of anisotropic parameters from seismic data: a feasibility study <b>2005</b> ,		4
50	Fast double plane wave full-waveform inversion using the scattering-integral method in frequency domain <b>2017</b> ,		4
49	Density inversion from seismic using a trans-dimensional approach: A field dataset example 2019,		4
48	Physics-guided deep autoencoder to overcome the need for a starting model in full-waveform inversion. <i>The Leading Edge</i> , <b>2022</b> , 41, 375-381	1	4
47	A hybrid Galerkin finite element method for seismic wave propagation in fractured media. Geophysical Journal International, <b>2020</b> , 221, 857-878	2.6	3
46	Joint inversion of PP and PS AVAZ data to estimate the fluid indicator in HTI medium: a case study in Western Sichuan Basin, China. <i>Journal of Geophysics and Engineering</i> , <b>2016</b> , 13, 690-703	1.3	3
45	Genetic Algorithm with Applications in Geophysics. Springer Geophysics, 2018, 487-533	0.6	3
44	Global 3D acoustic Full Waveform Inversion using sparse model parameterization 2017,		3
43	Suppressing non-Gaussian noises with scaled receiver wavefield for reverse-time migration: comparison of different approaches. <i>Geophysical Prospecting</i> , <b>2013</b> , 61, 761-770	1.9	3

42	Prestack PP & PS wave joint stochastic inversion in the same PP time scale 2011,		3
41	Seismic indicators of gas hydrates and associated free gas <b>2009</b> ,		3
40	Using time-lapse seismic amplitude data to detect variations of pore pressure and fluid saturation due to oil displacement by water: a numerical study based on one-dimensional prestack inversion. <i>Journal of Geophysics and Engineering</i> , <b>2006</b> , 3, 177-193	1.3	3
39	Prestack inversion of a Gulf of Thailand (OBC) data set. <i>Geophysics</i> , <b>2004</b> , 69, 1470-1477	3.1	3
38	Optimal parameter and uncertainty estimation of a land surface model: Sensitivity to parameter ranges and model complexities. <i>Advances in Atmospheric Sciences</i> , <b>2005</b> , 22, 142-157	2.9	3
37	Multifrequency beam-based migration in inhomogeneous media using windowed Fourier transform frames. <i>Geophysical Journal International</i> , <b>2020</b> , 223, 1086-1099	2.6	3
36	Modeling of Low-Frequency Downhole Electrical Measurements for Mapping Proppant Distribution in Hydraulic Fractures in Casedhole Wells. <i>SPE Journal</i> , <b>2018</b> , 23, 2147-2157	3.1	3
35	A hybrid optimization method for full-waveform inversion <b>2021</b> ,		3
34	Lithospheric Removal Beneath the Eastern Flank of the Rio Grande Rift From Receiver Function Velocity Analysis. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 974-991	3.6	2
33	Frequency-dependent AVO analysis. <i>The Leading Edge</i> , <b>2020</b> , 39, 84-91	1	2
33	Frequency-dependent AVO analysis. <i>The Leading Edge</i> , <b>2020</b> , 39, 84-91  Fast 2D full-waveform modeling and inversion using the Schur complement approach. <i>Geophysics</i> , <b>2019</b> , 84, R783-R792	3.1	2
	Fast 2D full-waveform modeling and inversion using the Schur complement approach. <i>Geophysics</i> ,		
32	Fast 2D full-waveform modeling and inversion using the Schur complement approach. <i>Geophysics</i> , <b>2019</b> , 84, R783-R792  Estimation of fracture weaknesses and fluid indictor from 3D seismic data in HTI Media: A case		2
32	Fast 2D full-waveform modeling and inversion using the Schur complement approach. <i>Geophysics</i> , <b>2019</b> , 84, R783-R792  Estimation of fracture weaknesses and fluid indictor from 3D seismic data in HTI Media: A case study in the Haynesville Shale <b>2015</b> ,  Full waveform seismic inversion using a distributed system of computers. <i>Concurrency Computation</i>	3.1	2
32 31 30	Fast 2D full-waveform modeling and inversion using the Schur complement approach. <i>Geophysics</i> , <b>2019</b> , 84, R783-R792  Estimation of fracture weaknesses and fluid indictor from 3D seismic data in HTI Media: A case study in the Haynesville Shale <b>2015</b> ,  Full waveform seismic inversion using a distributed system of computers. <i>Concurrency Computation Practice and Experience</i> , <b>2005</b> , 17, 1365-1385  EFFECT OF FORCING DATA ERRORS ON CALIBRATION AND UNCERTAINTY ESTIMATES OF THE CHASM MODEL: A MULTI-DATASET STUDY. <i>World Scientific Series on Asia-Pacific Weather and</i>	3.1	2 2
32 31 30 29	Fast 2D full-waveform modeling and inversion using the Schur complement approach. <i>Geophysics</i> , <b>2019</b> , 84, R783-R792  Estimation of fracture weaknesses and fluid indictor from 3D seismic data in HTI Media: A case study in the Haynesville Shale <b>2015</b> ,  Full waveform seismic inversion using a distributed system of computers. <i>Concurrency Computation Practice and Experience</i> , <b>2005</b> , 17, 1365-1385  EFFECT OF FORCING DATA ERRORS ON CALIBRATION AND UNCERTAINTY ESTIMATES OF THE CHASM MODEL: A MULTI-DATASET STUDY. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , <b>2004</b> , 340-355  Joint inversion of time-lapse seismic and production data using VFSA with local thermal regulation	3.1	2 2 2
32 31 30 29 28	Fast 2D full-waveform modeling and inversion using the Schur complement approach. <i>Geophysics</i> , <b>2019</b> , 84, R783-R792  Estimation of fracture weaknesses and fluid indictor from 3D seismic data in HTI Media: A case study in the Haynesville Shale <b>2015</b> ,  Full waveform seismic inversion using a distributed system of computers. <i>Concurrency Computation Practice and Experience</i> , <b>2005</b> , 17, 1365-1385  EFFECT OF FORCING DATA ERRORS ON CALIBRATION AND UNCERTAINTY ESTIMATES OF THE CHASM MODEL: A MULTI-DATASET STUDY. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , <b>2004</b> , 340-355  Joint inversion of time-lapse seismic and production data using VFSA with local thermal regulation and pilot point parameterization <b>2009</b> ,  Seismic inversion for splay fault interpretation in the Nankai Trough accretionary wedge, Japan	3.1	2 2 2 2

## (2020-2019)

24	A multi-scale full waveform inversion method - staging wavenumber components and layer-stripping <b>2019</b> ,		2
23	Two-step velocity inversion using trans-dimensional tomography and elastic FWI 2020,		2
22	Assessing model uncertainty for the scaling function inversion of potential fields. <i>Geophysics</i> , <b>2021</b> , 86, G89-G98	3.1	2
21	Numerical modeling of seismic-wave propagation through fractures with nonuniform height and densityin 3d <b>2016</b> ,		1
20	Utilizing Reciprocity Principle for Double Plane Wave Dataset and Imaging 2015,		1
19	Comparisons between the hybrid ABC and the PML method for 2D high-order finite-difference acoustic modeling <b>2011</b> ,		1
18	A new stochastic inference method for inversion of pre-stack seismic data 2011,		1
17	Effective medium modeling of fluid-filled fractured-porous medium 2011,		1
16	Assessing the value of time-lapse seismic data in joint inversion for reservoir parameter estimation in an oil reservoir subjected to water flooding recovery: A synthetic example <b>2009</b> ,		1
15	Porosity estimation from seismic data at Dickman Field, Kansas for carbon sequestration 2010,		1
14	Depth migration anisotropy analysis in the time domain. <i>Geophysical Prospecting</i> , <b>2007</b> , 56, 07110621252	<u>1</u> 2901	1-3??
13	Implication from the aftershocks of the 1989 Loma Prieta Earthquake. <i>Geophysical Research Letters</i> , <b>1990</b> , 17, 1421-1424	4.9	1
12	Estimation of the fluid indicator from azimuthal AVO gradient variations at a fractured reservoir <b>2007</b> ,		1
11	Plane-wave Gaussian-beam prestack depth migration 2007,		1
10	Deep learning with cross-shape deep Boltzmann machine for pre-stack inversion problem 2019,		1
9	A phase-space beam summation imaging in inhomogeneous medium <b>2019</b> ,		1
8	Probabilistic joint-inversion of marine CSEM and seismic traveltime data using VFSA and generalized fuzzy clustering <b>2020</b> ,		1
7	A fast image domain least squares migration method with local data target approach <b>2020</b> ,		1

6	A time domain seismic imaging method with a sparse pulsed-beams data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-1	8.1	О
5	Seismic Inversion and Deconvolution: Dual-sensor Technology. <i>Eos</i> , <b>2000</b> , 81, 368	1.5	
4	Seismic Waveform Inversion: Practical aspects and Application to field seismic data. <i>ASEG Extended Abstracts</i> , <b>2003</b> , 2003, 1-4	0.2	
3	Inversion of downhole electrical measurements for proppant mapping using very fast simulated annealing. <i>Geophysics</i> , <b>2020</b> , 85, D13-D22	3.1	
2	Plane Wave Seismic Data: Parallel and Adaptive Strategies for Velocity Analysis and Imaging45-63		
1	Data-Directed Importance Sampling for Climate Model Parameter Uncertainty Estimation65-78		