Min Bai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3684918/publications.pdf

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36	566	687363	642732
papers	citations	13 h-index	23 g-index

37	37	37	274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Obtaining free USArray data by multi-dimensional seismic reconstruction. Nature Communications, 2019, 10, 4434.	12.8	66
2	Seismic Noise Attenuation Using Unsupervised Sparse Feature Learning. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9709-9723.	6.3	45
3	Incoherent dictionary learning for reducing crosstalk noise in least-squares reverse time migration. Computers and Geosciences, 2018, 114, 11-21.	4.2	37
4	Ground roll attenuation using non-stationary matching filtering. Journal of Geophysics and Engineering, 2015, 12, 922-933.	1.4	34
5	Q-compensated migration by Gaussian beam summation method. Journal of Geophysics and Engineering, 2016, 13, 35-48.	1.4	34
6	Self-Attention Deep Image Prior Network for Unsupervised 3-D Seismic Data Enhancement. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	34
7	A structural rank reduction operator for removing artifacts in least-squares reverse time migration. Computers and Geosciences, 2018, 117, 9-20.	4.2	33
8	Iterative deblending using shaping regularization with a combined PNMO-MF-FK coherency filter. Journal of Applied Geophysics, 2015, 122, 18-27.	2.1	29
9	Erratic noise suppression using iterative structureâ€oriented spaceâ€varying median filtering with sparsity constraint. Geophysical Prospecting, 2021, 69, 101-121.	1.9	22
10	Five-dimensional seismic data reconstruction using the optimally damped rank-reduction method. Geophysical Journal International, 2019, 218, 224-246.	2.4	20
11	Uncovering the microseismic signals from noisy data for high-fidelity 3D source-location imaging using deep learning. Geophysics, 2021, 86, KS161-KS173.	2.6	18
12	Curvelet reconstruction of nonâ€uniformly sampled seismic data using the linearized Bregman method. Geophysical Prospecting, 2019, 67, 1201-1218.	1.9	17
13	Substituting smoothing with low-rank decomposition â€” Applications to least-squares reverse time migration of simultaneous source and incomplete seismic data. Geophysics, 2019, 84, S267-S283.	2.6	14
14	Fast and Robust Low-Rank Approximation for Five-Dimensional Seismic Data Reconstruction. IEEE Access, 2020, 8, 175501-175512.	4.2	13
15	Least-Squares Gaussian Beam Transform for Seismic Noise Attenuation. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8685-8694.	6.3	12
16	Gaussian beam reconstruction of seismic data. Geophysics, 2019, 84, S373-S387.	2.6	12
17	Five-dimensional seismic data reconstruction using the optimally damped rank-reduction method. Geophysical Journal International, 2020, 222, 1824-1845.	2.4	12
18	Nonstationary Least-Squares Decomposition With Structural Constraint for Denoising Multi-Channel Seismic Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 10437-10446.	6.3	10

#	Article	IF	Citations
19	Iterative deblending of simultaneous-source data using smoothed singular spectrum analysis. Journal of Applied Geophysics, 2019, 161, 261-269.	2.1	10
20	Seismic signal enhancement based on the lowâ€rank methods. Geophysical Prospecting, 2020, 68, 2783-2807.	1.9	10
21	Fast dictionary learning for 3D simultaneous seismic data reconstruction and denoising. Journal of Applied Geophysics, 2021, 194, 104446.	2.1	10
22	A Compact Program for 3D Passive Seismic Source-Location Imaging. Seismological Research Letters, 2021, 92, 3187-3201.	1.9	8
23	Attenuation compensation in multicomponent Gaussian beam prestack depth migration. Applied Geophysics, 2015, 12, 157-168.	0.6	7
24	Adaptive rank-reduction method for seismic data reconstruction. Journal of Geophysics and Engineering, 2018, 15, 1688-1703.	1.4	7
25	Directional Total Variation Regularized High-Resolution Prestack AVA Inversion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	6
26	Erratic and random noise attenuation using adaptive local orthogonalization. Geophysics, 2022, 87, V381-V396.	2.6	6
27	Time-Lapse Seismic Difference-and-Joint Prestack AVA Inversion. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9132-9143.	6.3	5
28	An explicit stabilization scheme for Q-compensated reverse time migration. Geophysics, 2022, 87, F25-F40.	2.6	5
29	An Unsplit CFS-PML Scheme for the Second-Order Wave Equation With Its Application in Fractional Viscoacoustic Simulation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	4
30	Least-Squares Gaussian Beam Transform for Deblending Distance-Separated Simultaneous Sources. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5280-5292.	6.3	4
31	Least-squares decomposition with timeâ€“space constraint for denoising microseismic data. Geophysical Journal International, 2019, 218, 1702-1718.	2.4	3
32	Learning dictionary in the approximately flattened structure domain. Journal of Applied Geophysics, 2018, 159, 522-531.	2.1	2
33	Time-lapse image registration by high-resolution time-shift scan. Geophysics, 2021, 86, M49-M58.	2.6	2
34	Frequencyâ€“Space-Dependent Smoothing Regularized Nonstationary Predictive Filtering. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-9.	6.3	2
35	Least-squares decomposition with timeâ€“space constraint for denoising microseismic data. Geophysical Journal International, 2020, 222, 1864-1880.	2.4	1
36	Expression of Concern: Least-squares decomposition with timeâ€“space constraint for denoising microseismic data. Geophysical Journal International, 2020, 221, 2055-2055.	2.4	0