

Jianwei

List of Publications by Year in descending order

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papers

1,543
citations

471509

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395702

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docs citations

33
times ranked

975
citing authors

#	ARTICLE	IF	CITATIONS
1	Assimilation of Images via Dictionary Learning-Based Sparsity Regularization Strategy: An Application for Retrieving Fluid Flows. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	6.3	1
2	Seismic Random Noise Attenuation via Self-Supervised Transfer Learning. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	13
3	Automatic velocity picking from semblances with a new deep-learning regression strategy: Comparison with a classification approach. Geophysics, 2021, 86, U1-U13.	2.6	36
4	Deep Learning for Geophysics: Current and Future Trends. Reviews of Geophysics, 2021, 59, e2021RG000742.	23.0	187
5	Adaptive Dictionary Learning for Blind Seismic Data Denoising. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1273-1277.	3.1	30
6	Velocity model building in a crosswell acquisition geometry with image-trained artificial neural networks. Geophysics, 2020, 85, U31-U46.	2.6	44
7	Off-the-grid vertical seismic profile data regularization by a compressive sensing method. Geophysics, 2020, 85, V157-V168.	2.6	9
8	Blind sparse-spike deconvolution with thin layers and structure. Geophysics, 2020, 85, V481-V496.	2.6	15
9	Can learning from natural image denoising be used for seismic data interpolation?. Geophysics, 2020, 85, WA115-WA136.	2.6	71
10	Deep-learning projector for optical diffraction tomography. Optics Express, 2020, 28, 3905.	3.4	19
11	Denoising with weak signal preservation by group-sparsity transform learning. Geophysics, 2019, 84, V351-V368.	2.6	12
12	Deep learning for denoising. Geophysics, 2019, 84, V333-V350.	2.6	222
13	Deep-learning inversion: A next-generation seismic velocity model building method. Geophysics, 2019, 84, R583-R599.	2.6	315
14	Robust Estimation of Multiple Local Dips via Multidirectional Component Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2798-2810.	6.3	8
15	Topological data assimilation using Wasserstein distance. Inverse Problems, 2019, 35, 015006.	2.0	11
16	Structured Graph Dictionary Learning and Application on the Seismic Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1883-1893.	6.3	20
17	A nonstationary sparse spike deconvolution with anelastic attenuation. Geophysics, 2019, 84, R221-R234.	2.6	20
18	Line survey joint denoising via low-rank minimization. Geophysics, 2019, 84, V21-V32.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Sparse graph-regularized dictionary learning for suppressing random seismic noise. <i>Geophysics</i> , 2018, 83, V215-V231.	2.6	36
20	Intelligent interpolation by Monte Carlo machine learning. <i>Geophysics</i> , 2018, 83, V83-V97.	2.6	49
21	Complex Variational Mode Decomposition for Slop-Preserving Denoising. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 586-597.	6.3	64
22	A compound method for random noise attenuation. <i>Geophysical Prospecting</i> , 2018, 66, 1548-1567.	1.9	5
23	Ground roll attenuation based on an empirical curvelet transform. <i>Applied Geophysics</i> , 2018, 15, 111-117.	0.6	6
24	Removal of curtaining effects by a variational model with directional forward differences. <i>Computer Vision and Image Understanding</i> , 2017, 155, 24-32.	4.7	14
25	Noise attenuation in a low-dimensional manifold. <i>Geophysics</i> , 2017, 82, V321-V334.	2.6	14
26	Linearized dynamic warping with ℓ_1 -norm constraint for multi-component registration. <i>Journal of Applied Geophysics</i> , 2017, 139, 170-176.	2.1	1
27	What can machine learning do for seismic data processing? An interpolation application. <i>Geophysics</i> , 2017, 82, V163-V177.	2.6	163
28	Random noise attenuation using an improved anisotropic total variation regularization. <i>Journal of Applied Geophysics</i> , 2017, 144, 173-187.	2.1	13
29	A Level-Set-Based Image Assimilation Method: Potential Applications for Predicting the Movement of Oil Spills. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 6330-6343.	6.3	11
30	Compressive Sensing of Roller Bearing Faults via Harmonic Detection from Under-Sampled Vibration Signals. <i>Sensors</i> , 2015, 15, 25648-25662.	3.8	36
31	Seismic data reconstruction via weighted nuclear-norm minimization. <i>Inverse Problems in Science and Engineering</i> , 2015, 23, 277-291.	1.2	13
32	Split Bregman iterative algorithm for sparse reconstruction of electrical impedance tomography. <i>Signal Processing</i> , 2012, 92, 2952-2961.	3.7	44
33	Compressed sensing of complex-valued data. <i>Signal Processing</i> , 2012, 92, 357-362.	3.7	33