

Ya-juan Xue

List of Publications by Year in descending order

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38
papers

588
citations

623699

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642715

23
g-index

39
all docs

39
docs citations

39
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Reservoir permeability estimation from seismic amplitudes using variational mode decomposition. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109293.	4.2	5
2	Horizon Picking Using Two-Branch Network With Spatial and Time-Frequency Features. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	2
3	Machine learning-based fast transcoding for low-power video communication in Internet of Things. <i>Signal, Image and Video Processing</i> , 2022, 16, 2183-2191.	2.7	1
4	Q-factor estimation from surface seismic data in the time-frequency domain: A comparative analysis. <i>Geophysics</i> , 2022, 87, V261-V277.	2.6	2
5	Q-Factor Estimation by Compensation of Amplitude Spectra in Synchrosqueezed Wavelet Domain. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2657-2665.	6.3	12
6	Hydrocarbon detections using multi-attributes based quantum neural networks in a tight sandstone gas reservoir in the Sichuan Basin, China. <i>Artificial Intelligence in Geosciences</i> , 2021, 2, 107-114.	1.9	1
7	Application of intrinsic mode function-based attenuation estimation on TOC prediction of shale gas reservoir. , 2020, , .		0
8	Estimation of seismic quality factor in the time-frequency domain using variational mode decomposition. <i>Geophysics</i> , 2020, 85, V329-V343.	2.6	12
9	Seismic random noise suppression using deep convolutional autoencoder neural network. <i>Journal of Applied Geophysics</i> , 2020, 178, 104071.	2.1	16
10	Attenuation of seismic swell noise using convolutional neural networks in frequency domain and transfer learning. <i>Interpretation</i> , 2020, 8, T941-T952.	1.1	11
11	Efficient pilot design scheme for OFDM-based full-duplex systems. <i>IET Communications</i> , 2020, 14, 3340-3349.	2.2	1
12	Recent Developments in Local Wave Decomposition Methods for Understanding Seismic Data: Application to Seismic Interpretation. <i>Surveys in Geophysics</i> , 2019, 40, 1185-1210.	4.6	23
13	Fine interpretation by using the VMD-based Instantaneous centroid estimation method for a marine carbonate gas reservoir. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 349, 012034.	0.3	0
14	Spectral Decomposition of Seismic Data With Variational Mode Decomposition-Based Wigner-Ville Distribution. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 4672-4683.	4.9	16
15	Inverse Q filtering via synchrosqueezed wavelet transform. <i>Geophysics</i> , 2019, 84, V121-V132.	2.6	15
16	Application of synchrosqueezed wavelet transforms to estimate the reservoir fluid mobility. <i>Geophysical Prospecting</i> , 2018, 66, 1358-1371.	1.9	18
17	Application of a Variational Mode Decomposition-Based Instantaneous Centroid Estimation Method to a Carbonate Reservoir in China. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 364-368.	3.1	21
18	Mechanisms of rice straw biochar effects on phosphorus sorption characteristics of acid upland red soils. <i>Chemosphere</i> , 2018, 207, 267-277.	8.2	39

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19	Instantaneous Frequency Extraction Using the EMD-Based Wavelet Ridge to Reveal Geological Features. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	4
20	Application of CEEMD-based attenuation estimation and wavelet-based cepstrum decomposition in shale gas reservoir characterization. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
21	Modulation analysis in wireless co-time co-frequency full duplex. , 2017, , .		0
22	Does mode mixing matter in EMD-based highlight volume methods for hydrocarbon detection? Experimental evidence. <i>Journal of Applied Geophysics</i> , 2016, 132, 193-210.	2.1	15
23	A strong seismic reflection amplitude suppressing method applied in the Ordos Basin. , 2016, , .		5
24	Wavelet-based cepstrum decomposition of seismic data and its application in hydrocarbon detection. <i>Geophysical Prospecting</i> , 2016, 64, 1441-1453.	1.9	9
25	Seismic attenuation estimation using a complete ensemble empirical mode decomposition-based method. <i>Marine and Petroleum Geology</i> , 2016, 71, 296-309.	3.3	11
26	Application of the Variational-Mode Decomposition for Seismic Time-frequency Analysis. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3821-3831.	4.9	97
27	Influence of the oxygen content on the humidity sensing properties of functionalized graphene films based on bulk acoustic wave humidity sensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 755-762.	7.8	22
28	Impedance analysis of quartz crystal microbalance humidity sensors based on nanodiamond/graphene oxide nanocomposite film. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 52-58.	7.8	61
29	Seismic facies analysis based on self-organizing map and empirical mode decomposition. <i>Journal of Applied Geophysics</i> , 2015, 112, 52-61.	2.1	38
30	Application of the empirical mode decomposition and wavelet transform to seismic reflection frequency attenuation analysis. <i>Journal of Petroleum Science and Engineering</i> , 2014, 122, 360-370.	4.2	27
31	AVO forwarding modeling in two-phase media: multiconstrained matrix mineral modulus inversion. <i>Applied Geophysics</i> , 2014, 11, 395-404.	0.6	4
32	EMD and Teager-Kaiser energy applied to hydrocarbon detection in a carbonate reservoir. <i>Geophysical Journal International</i> , 2014, 197, 277-291.	2.4	31
33	Detection of gas and water using HHT by analyzing P- and S-wave attenuation in tight sandstone gas reservoirs. <i>Journal of Applied Geophysics</i> , 2013, 98, 134-143.	2.1	19
34	A comparative study on hydrocarbon detection using three EMD-based time-frequency analysis methods. <i>Journal of Applied Geophysics</i> , 2013, 89, 108-115.	2.1	37
35	Feature Extraction of Bearing Vibration Signals Using Autocorrelation Denoising and Improved Hilbert-Huang Transformation. <i>International Journal of Digital Content Technology and Its Applications</i> , 2012, 6, 150-158.	0.1	9
36	The teaching reform research and practice of satellite communications course on CDIO model. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
37	Application of Local Wave Decomposition in Seismic Signal Processing. , 0, , .		0
38	The State-of-the-Art Techniques of Hydrocarbon Detection and Its Application in Ultra-Deep Carbonate Reservoir Characterization in the Sichuan Basin, China. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	4