

Ya-juan Xue

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4074160/publications.pdf>

Version: 2024-02-01

38
papers

588
citations

623699

14
h-index

642715

23
g-index

39
all docs

39
docs citations

39
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the Variational-Mode Decomposition for Seismic Time-frequency Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3821-3831.	4.9	97
2	Impedance analysis of quartz crystal microbalance humidity sensors based on nanodiamond/graphene oxide nanocomposite film. Sensors and Actuators B: Chemical, 2015, 211, 52-58.	7.8	61
3	Mechanisms of rice straw biochar effects on phosphorus sorption characteristics of acid upland red soils. Chemosphere, 2018, 207, 267-277.	8.2	39
4	Seismic facies analysis based on self-organizing map and empirical mode decomposition. Journal of Applied Geophysics, 2015, 112, 52-61.	2.1	38
5	A comparative study on hydrocarbon detection using three EMD-based time-frequency analysis methods. Journal of Applied Geophysics, 2013, 89, 108-115.	2.1	37
6	EMD and Teager-Kaiser energy applied to hydrocarbon detection in a carbonate reservoir. Geophysical Journal International, 2014, 197, 277-291.	2.4	31
7	Application of the empirical mode decomposition and wavelet transform to seismic reflection frequency attenuation analysis. Journal of Petroleum Science and Engineering, 2014, 122, 360-370.	4.2	27
8	Recent Developments in Local Wave Decomposition Methods for Understanding Seismic Data: Application to Seismic Interpretation. Surveys in Geophysics, 2019, 40, 1185-1210.	4.6	23
9	Influence of the oxygen content on the humidity sensing properties of functionalized graphene films based on bulk acoustic wave humidity sensors. Sensors and Actuators B: Chemical, 2016, 222, 755-762.	7.8	22
10	Application of a Variational Mode Decomposition-Based Instantaneous Centroid Estimation Method to a Carbonate Reservoir in China. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 364-368.	3.1	21
11	Detection of gas and water using HHT by analyzing P- and S-wave attenuation in tight sandstone gas reservoirs. Journal of Applied Geophysics, 2013, 98, 134-143.	2.1	19
12	Application of synchrosqueezed wavelet transforms to estimate the reservoir fluid mobility. Geophysical Prospecting, 2018, 66, 1358-1371.	1.9	18
13	Spectral Decomposition of Seismic Data With Variational Mode Decomposition-Based Wigner-Ville Distribution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4672-4683.	4.9	16
14	Seismic random noise suppression using deep convolutional autoencoder neural network. Journal of Applied Geophysics, 2020, 178, 104071.	2.1	16
15	Does mode mixing matter in EMD-based highlight volume methods for hydrocarbon detection? Experimental evidence. Journal of Applied Geophysics, 2016, 132, 193-210.	2.1	15
16	Inverse Q filtering via synchrosqueezed wavelet transform. Geophysics, 2019, 84, V121-V132.	2.6	15
17	Estimation of seismic quality factor in the time-frequency domain using variational mode decomposition. Geophysics, 2020, 85, V329-V343.	2.6	12
18	Q-Factor Estimation by Compensation of Amplitude Spectra in Synchrosqueezed Wavelet Domain. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2657-2665.	6.3	12

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Wavelet-based cepstrum decomposition of seismic data and its application in hydrocarbon detection. <i>Geophysical Prospecting</i> , 2016, 64, 1441-1453.	1.9	9
22	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
23	A strong seismic reflection amplitude suppressing method applied in the Ordos Basin. , 2016, , .		5
24	Reservoir permeability estimation from seismic amplitudes using variational mode decomposition. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109293.	4.2	5
25	AVO forwarding modeling in two-phase media: multiconstrained matrix mineral modulus inversion. <i>Applied Geophysics</i> , 2014, 11, 395-404.	0.6	4
26	Instantaneous Frequency Extraction Using the EMD-Based Wavelet Ridge to Reveal Geological Features. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	4
27	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
28	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
29	<i>Q</i> -factor estimation from surface seismic data in the time-frequency domain: A comparative analysis. <i>Geophysics</i> , 2022, 87, V261-V277.	2.6	2
30	Efficient pilot design scheme for OFDM-based full-duplex systems. <i>IET Communications</i> , 2020, 14, 3340-3349.	2.2	1
31	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
32	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
33	The teaching reform research and practice of satellite communications course on CDIO model. , 2010, , .		0
34	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
35	Modulation analysis in wireless co-time co-frequency full duplex. , 2017, , .		0
36	Application of Local Wave Decomposition in Seismic Signal Processing. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	Fine interpretation by using the VMD-based Instantaneous centroid estimation method for a marine carbonate gas reservoir. IOP Conference Series: Earth and Environmental Science, 2019, 349, 012034.	0.3	0
38	Application of intrinsic mode function-based attenuation estimation on TOC prediction of shale gas reservoir. , 2020, , .		0