

Ya-juan Xue

List of Publications by Year in descending order

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papers

588

citations

623734

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docs citations

39

times ranked

590

citing authors

#	ARTICLE	IF	CITATIONS
1	Reservoir permeability estimation from seismic amplitudes using variational mode decomposition. Journal of Petroleum Science and Engineering, 2022, 208, 109293.	4.2	5
2	Horizon Picking Using Two-Branch Network With Spatial and Time-Frequency Features. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
3	Machine learning-based fast transcoding for low-power video communication in Internet of Things. Signal, Image and Video Processing, 2022, 16, 2183-2191.	2.7	1
4	Q-factor estimation from surface seismic data in the time-frequency domain: A comparative analysis. Geophysics, 2022, 87, V261-V277.	2.6	2
5	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
6	Hydrocarbon detections using multi-attributes based quantum neural networks in a tight sandstone gas reservoir in the Sichuan Basin, China. Artificial Intelligence in Geosciences, 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. Geophysics, 2020, 85, V329-V343.	2.6	12
9	Seismic random noise suppression using deep convolutional autoencoder neural network. Journal of Applied Geophysics, 2020, 178, 104071.	2.1	16
10	Attenuation of seismic swell noise using convolutional neural networks in frequency domain and transfer learning. Interpretation, 2020, 8, T941-T952.	1.1	11
11	Efficient pilot design scheme for OFDM-based full-duplex systems. IET Communications, 2020, 14, 3340-3349.	2.2	1
12	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
13	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
14	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
15	Inverse Q filtering via synchrosqueezed wavelet transform. Geophysics, 2019, 84, V121-V132.	2.6	15
16	Application of synchrosqueezed wavelet transforms to estimate the reservoir fluid mobility. Geophysical Prospecting, 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. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 364-368.	3.1	21
18	Mechanisms of rice straw biochar effects on phosphorus sorption characteristics of acid upland red soils. Chemosphere, 2018, 207, 267-277.	8.2	39

#	ARTICLE	IF	CITATIONS
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. Frontiers in Earth Science, 0, 10, .	1.8	4