

Ge Jin

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,186
citations

430874

18
h-index

395702

33
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59
all docs

59
docs citations

59
times ranked

943
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Hydraulic-fracture geometry characterization using low-frequency DAS signal. <i>The Leading Edge</i> , 2017, 36, 975-980. | 0.7 | 183 |
| 2 | Surface wave phase-velocity tomography based on multichannel cross-correlation. <i>Geophysical Journal International</i> , 2015, 201, 1383-1398. | 2.4 | 94 |
| 3 | High-resolution seismic constraints on flow dynamics in the oceanic asthenosphere. <i>Nature</i> , 2016, 535, 538-541. | 27.8 | 92 |
| 4 | Sampling a Stimulated Rock Volume: An Eagle Ford Example. <i>SPE Reservoir Evaluation and Engineering</i> , 2018, 21, 927-941. | 1.8 | 86 |
| 5 | Lithospheric and upper mantle structure of the northeastern Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 84 |
| 6 | Earthquake distribution in southern Tibet and its tectonic implications. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 37 |
| 7 | Rock Deformation and Strain-Rate Characterization during Hydraulic Fracturing Treatments: Insights for Interpretation of Low-Frequency Distributed Acoustic-Sensing Signals. <i>SPE Journal</i> , 2020, 25, 2251-2264. | 3.1 | 34 |
| 8 | Novel Near-Wellbore Fracture Diagnosis for Unconventional Wells Using High-Resolution Distributed Strain Sensing during Production. <i>SPE Journal</i> , 2021, 26, 3255-3264. | 3.1 | 34 |
| 9 | Indian mantle corner flow at southern Tibet revealed by shear wave splitting measurements. <i>Geophysical Research Letters</i> , 2008, 35, . | 4.0 | 33 |
| 10 | Southeast Papuan crustal tectonics: Imaging extension and buoyancy of an active rift. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 951-971. | 3.4 | 33 |
| 11 | Hydraulic-Fracture-Width Inversion Using Low-Frequency Distributed-Acoustic-Sensing Strain Data—Part I: Algorithm and Sensitivity Analysis. <i>SPE Journal</i> , 2021, 26, 359-371. | 3.1 | 32 |
| 12 | Imaging continental breakup using teleseismic body waves: The Woodlark Rift, Papua New Guinea. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2529-2548. | 2.5 | 30 |
| 13 | Imaging Rayleigh wave attenuation with USArray. <i>Geophysical Journal International</i> , 2016, 206, 241-259. | 2.4 | 27 |
| 14 | Regional earthquakes in northern Tibetan Plateau: Implications for lithospheric strength in Tibet. <i>Geophysical Research Letters</i> , 2010, 37, . | 4.0 | 26 |
| 15 | Anisotropy beneath a highly extended continental rift. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 545-564. | 2.5 | 25 |
| 16 | Crust and upper mantle structure associated with extension in the Woodlark Rift, Papua New Guinea from Rayleigh-wave tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3808-3824. | 2.5 | 24 |
| 17 | Machine learning-based fracture-hit detection algorithm using LFDAS signal. <i>The Leading Edge</i> , 2019, 38, 520-524. | 0.7 | 24 |
| 18 | Fracture-Hit Detection Using LF-DAS Signals Measured during Multifracture Propagation in Unconventional Reservoirs. <i>SPE Reservoir Evaluation and Engineering</i> , 2021, 24, 523-535. | 1.8 | 22 |

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|----|---|-----|-----------|
| 19 | Waveform Fitting of Cross Spectra to Determine Phase Velocity Using Aki's Formula. Bulletin of the Seismological Society of America, 2015, 105, 1619-1627. | 2.3 | 19 |
| 20 | Fiber Optic Sensing-Based Production Logging Methods for Low-Rate Oil Producers. , 2019, , . | | 19 |
| 21 | Modeling and interpretation of scattered waves in interstage distributed acoustic sensing vertical seismic profiling survey. Geophysics, 2021, 86, D93-D102. | 2.6 | 19 |
| 22 | Near-field strain in distributed acoustic sensing-based microseismic observation. Geophysics, 2021, 86, P49-P60. | 2.6 | 19 |
| 23 | Hydraulic-Fracture-Width Inversion Using Low-Frequency Distributed-Acoustic-Sensing Strain Data Part II: Extension for Multifracture and Field Application. SPE Journal, 2021, 26, 2703-2715. | 3.1 | 18 |
| 24 | Crustal structures across the western Weihe Graben, North China: Implications for extrusion tectonics at the northeast margin of Tibetan Plateau. Journal of Geophysical Research: Solid Earth, 2015, 120, 5070-5081. | 3.4 | 17 |
| 25 | Seismic inversion of shale reservoir properties using microseismic-induced guided waves recorded by distributed acoustic sensing. Geophysics, 2021, 86, R383-R397. | 2.6 | 17 |
| 26 | Validating the origin of microseismic events in target reservoir using guided waves recorded by DAS. The Leading Edge, 2020, 39, 776-784. | 0.7 | 16 |
| 27 | Properties of a deep seismic waveguide measured with an optical fiber. Physical Review Research, 2021, 3, . | 3.6 | 13 |
| 28 | Fracture Imaging Using DAS-Recorded Microseismic Events. Frontiers in Earth Science, 0, 10, . | 1.8 | 11 |
| 29 | Experimental Investigation of Distributed Acoustic Fiber-Optic Sensing in Production Logging: Thermal Slug Tracking and Multiphase Flow Characterization. , 2020, , . | | 9 |
| 30 | Strain and Strain-Rate Responses Measured by LF-DAS and Corresponding Features for Fracture-Hit Detection during Multiple-Fracture Propagation in Unconventional Reservoirs. , 2020, , . | | 8 |
| 31 | An eigenfunction representation of deep waveguides with application to unconventional reservoirs. Geophysics, 2021, 86, T509-T521. | 2.6 | 7 |
| 32 | Distributed Acoustic Sensing (DAS) Response of Rising Taylor Bubbles in Slug Flow. Sensors, 2022, 22, 1266. | 3.8 | 7 |
| 33 | Convolutional neural network-based classification of microseismic events originating in a stimulated reservoir from distributed acoustic sensing data. Geophysical Prospecting, 2022, 70, 904-920. | 1.9 | 7 |
| 34 | Displacement Analysis of Geothermal Field Based on PSInSAR And SOM Clustering Algorithms A Case Study of Brady Field, Nevada"USA. Remote Sensing, 2021, 13, 349. | 4.0 | 6 |
| 35 | Reservoir characterization using DAS microseismic events. , 2021, , . | | 6 |
| 36 | Analysis of cross-well fracture hits in DJ Basin, Colorado using low-frequency DAS data. , 2021, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | DAS Recorded Body and Tube Wave Generated by Perforation Shots: Analysis and Numerical Modeling for Completion Monitoring and Reservoir Characterization. , 2021, , . | | 5 |
| 38 | Inferring hydraulic connectivity of induced fractures in the near-wellbore region using distributed acoustic sensing-recorded tube waves excited by perforation shots. Geophysics, 2022, 87, D101-D109. | 2.6 | 5 |
| 39 | Well Interference and Fracture Geometry Investigation Using Production and Low-Frequency Distributed Acoustic Sensing Data in an Unconventional Reservoir. SPE Reservoir Evaluation and Engineering, 2022, 25, 509-519. | 1.8 | 5 |
| 40 | Inferring near-well conductivity from DAS-recorded tube waves generated by perforation shots. , 2020, , . | | 4 |
| 41 | Quantitative Hydraulic-Fracture-Geometry Characterization with Low-Frequency Distributed-Acoustic-Sensing Strain Data: Fracture-Height Sensitivity and Field Applications. SPE Production and Operations, 2021, , 1-10. | 0.6 | 4 |
| 42 | The Calibration of Double-Ended Distributed Temperature Sensing for Production Logging Purposes. , 2019, , . | | 3 |
| 43 | Estimation of seismic velocity and layer thickness of Eagle Ford Formation using microseismic guided waves in downhole distributed acoustic sensing records. , 2020, , . | | 3 |
| 44 | Hydraulic Fracture Propagation in Denver-Julesburg Basin Constrained by Cross-Well Distributed Strain Measurements. SPE Journal, 2022, 27, 3446-3454. | 3.1 | 3 |
| 45 | Quantitative Hydraulic-Fracture Geometry Characterization with LF-DAS Strain Data: Numerical Analysis and Field Applications. , 2021, , . | | 2 |
| 46 | 4D DAS fiber-coupling effects in freezing near-surface ground conditions. , 2021, , . | | 2 |
| 47 | Analysis of scattered waves observed in inter-stage DAS VSP data from zipper-fracturing operations. , 2020, , . | | 2 |
| 48 | Doppler effect of the rupture process of the great MW7.9 Wenchuan earthquake. Earthquake Science, 2010, 23, 535-539. | 0.9 | 1 |
| 49 | Bayesian inversion for rock composition and petrophysical endpoints in multimineral analysis. , 2021, , . | | 1 |
| 50 | Near-field strain of microseismic events in downhole DAS data. , 2021, , . | | 1 |
| 51 | Machine learning model evaluation: A case study for core guided petrophysical analysis. , 2021, , . | | 1 |
| 52 | Near-wellbore hydraulic fracture connectivity inferred by tube waves in DAS perf shot records. , 2021, , . | | 1 |
| 53 | Introduction to special section: Geoscience of hydraulic fracturing. Interpretation, 0, , 1-3. | 1.1 | 0 |
| 54 | A machine learning-based new MVA workflow to find correlations in complex data sets applied to fracture diagnostics. , 2021, , . | | 0 |

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|----|--|----|-----------|
| 55 | Convolutional neural network for guided-wave energy identification in microseismic DAS data. , 2021, , . | | 0 |
| 56 | Analysis of guided waves excited by microseismic events in DAS data. , 2020, , . | | 0 |