

Xiao He

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

158
citations

1478505

6
h-index

1199594

12
g-index

30
all docs

30
docs citations

30
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Eliminating the azimuth ambiguity in single-well imaging using 3C sonic data. <i>Geophysics</i> , 2015, 80, A13-A17.	2.6	33
2	Finite difference modelling of dipole acoustic logs in a poroelastic formation with anisotropic permeability. <i>Geophysical Journal International</i> , 2013, 192, 359-374.	2.4	28
3	Ultrasonic leaky flexural waves in multilayered media: Cement bond detection for cased wellbores. <i>Geophysics</i> , 2014, 79, A7-A11.	2.6	23
4	Theoretical simulations of wave field variation excited by a monopole within collar for acoustic logging while drilling. <i>Wave Motion</i> , 2017, 72, 287-302.	2.0	17
5	A Hydrodynamic Model for Measuring Fluid Density and Viscosity by Using Quartz Tuning Forks. <i>Sensors</i> , 2020, 20, 198.	3.8	14
6	Modeling and inversions of acoustic reflection logging imaging using the combined monopole-dipole measurement mode. <i>Applied Geophysics</i> , 2018, 15, 393-400.	0.6	10
7	3D FINITE DIFFERENCE SIMULATIONS OF ACOUSTIC LOGS IN TILTED LAYERED POROUS FORMATIONS. <i>Journal of Computational Acoustics</i> , 2012, 20, 1240009.	1.0	6
8	Studies on phase and group velocities from acoustic logging. <i>Applied Geophysics</i> , 2012, 9, 108-113.	0.6	6
9	Identifying reflector azimuth from borehole multicomponent cross-dipole acoustic measurement. <i>Geophysics</i> , 2021, 86, D201-D214.	2.6	5
10	Acoustic fields for monopole logging while drilling with an eccentric collar. <i>Geophysics</i> , 2021, 86, D43-D63.	2.6	4
11	The effects of tool eccentricity on individual P and S head waves in monopole acoustic LWD. <i>Journal of Geophysics and Engineering</i> , 2021, 18, 74-84.	1.4	3
12	Seismic responses to an earthquake source in stratified transversely isotropic porous media. <i>Geophysical Prospecting</i> , 2021, 69, 1336-1357.	1.9	3
13	Numerical simulations of acoustic isolators in monopole acoustic logging while drilling based on phononic crystal structures. <i>Journal of Geophysics and Engineering</i> , 2020, 17, 212-221.	1.4	2
14	Analyses on dispersions and excitations of symmetric guided waves in a fluid-filled cylindrical shell. , 2012, , .		1
15	Effects of the eccentric tool and source mismatch on acoustic dipole logging. , 2013, , .		1
16	3D numerical simulations of the acoustic radiations excited by an arcuate source in a cased wellbore. <i>Journal of Geophysics and Engineering</i> , 2019, 16, 358-366.	1.4	1
17	Processing the Artificial Edge-Effects for Finite-Difference Frequency-Domain in Viscoelastic Anisotropic Formations. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4719.	2.5	1
18	Dipole source mismatch and its effects on sonic logging. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Inversion of shear velocity profile in a cased borehole. , 2012, , .		0
20	Finite difference numerical simulations of acoustic fields using the graphic processing unit. , 2013, , .		0
21	Decreasing casing deformation by using cross-dipole acoustic logging data.. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
22	Evaluation on fracturing effects in a low-permeability reservoir using acoustic logging data. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
23	Numerical simulations of ultrasonic flexural waves in cased wellbores and evaluations of the cement bond quality. , 2015, , .		0
24	Numerical simulation of the 3C single well imaging technique. , 2015, , .		0
25	Utilization of a combined monopole-dipole measurement mode for improved single-well imaging method. , 2016, , .		0
26	Analysis of radial detection characteristics of monopole sonic logging. , 2016, , .		0
27	Elastic Wave Reverse Time Migration for Cross-Well Seismic. , 2019, , .		0
28	Q-compensated viscoelastic reverse time migration in crosswell seismic imaging. Journal of Geophysics and Engineering, 2022, 19, 295-315.	1.4	0