Bob Hardage

List of Publications by Year
in descending order

20 papers	134 citations	1937685 4 h-index	1588992 8 g-index
21 all docs	21 docs citations	21 times ranked	88 citing authors

#	Article	IF	Citations
1	A multistep approach to multicomponent seismic image registration with application to a West Texas carbonate reservoir study. , 2005, , .		39
2	Fracture parameter inversion for Marcellus Shale. Geophysics, 2014, 79, C55-C63.	2.6	30
3	Interpretation of fractures and stress anisotropy in Marcellus Shale using multicomponent seismic data. Interpretation, 2014, 2, SE105-SE115.	1.1	16
4	Characterization of naturally fractured Arbuckle Group in the Wellington Field, Kansas, using S-wave amplitude variation with offset. Interpretation, 2017, 5, T49-T63.	1.1	7
5	Practicing S-wave reflection seismology with â€œP-waveâ€•sources: Concepts, principles, and overview. , 2017, , .		5
6	Rock physics models of gas hydrates from deepwater, unconsolidated sediments. , 2006, , .		5
7	Real-data comparisons of direct-S modes produced by â€œPâ€•sources and â€œgold standardâ€•S sources. , 2017, , .		5
8	Examples of SV-P images made with P sources and vertical geophones. , 2017, , .		5
9	Fracture characterization using converted waves. Geophysical Prospecting, 2016, 64, 287-298.	1.9	4
10	Inversion of elastic properties of fractured rocks from AVOAz data Marcellus Shale example. , 2013, , .		4
11	Controlled-source marine electromagnetic 2-D modeling gas hydrate studies. Marine Geophysical Researches, 2012, 33, 239-250.	1.2	3
12	Improved reservoir delineation by using SV-P seismic data in Wellington field, Kansas. , 2017, , .		3
13	Using finite-difference modeling to understand direct-SV illumination produced by P sources. , 2017, , .		3
14	Introduction to this special section: Borehole geophysics. The Leading Edge, 2010, 29, 678-679.	0.7	1
15	SV-P: A potential viable alternative to mode-converted P-SV seismic data for reservoir characterization. Interpretation, 2017, 5, T579-T589.	1.1	1
16	Determining fast-S and slow-S propagation directions with SV-P data produced by buried explosives and recorded with vertical geophones. Interpretation, 2021, 9, T599-T609.	1.1	1
17	Using 9C shear wave data to delineate sand in Morrow channels. , 2005, , .		1
18	Estimating SHmax azimuth with P sources and vertical geophones: Use P-P reflection amplitudes or use SV-P reflection times?. Interpretation, 2022, 10, T253-T264.	1.1	1

#	Article	IF	Citations
19	Comparison of PP and PS reflectivities for fracture characterization. , 2014, , .		0
20	Fabric and internal architecture of Permian Basin turbidites indicated by unsupervised machine learning analysis of P-P and SV-P images. Interpretation, 2020, 8, SV1-SV15.	1.1	0