

Danilo RubÃ©n Velis

List of Publications by Year in descending order

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29
papers

682
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687363

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times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulated annealing velocity analysis: Automating the picking process. <i>Geophysics</i> , 2021, 86, V119-V130.	2.6	7
2	Microseismic denoising assessment by polarization histograms. <i>Geophysics</i> , 2021, 86, KS11-KS22.	2.6	0
3	Noise suppression in 2D and 3D seismic data with data-driven sifting algorithms. <i>Geophysics</i> , 2020, 85, V1-V10.	2.6	6
4	Automatic well tying and wavelet phase estimation with no waveform stretching or squeezing. <i>Geophysics</i> , 2020, 85, D83-D91.	2.6	10
5	Footprint removal from seismic data with residual dictionary learning. <i>Geophysics</i> , 2020, 85, V355-V365.	2.6	7
6	Spectral structure-oriented filtering of seismic data with self-adaptive paths. <i>Geophysics</i> , 2019, 84, V271-V280.	2.6	5
7	A simple energy-based strategy for sensor orientation in borehole microseismic monitoring. <i>Journal of Geophysics and Engineering</i> , 2019, 16, 85-91.	1.4	3
8	Microseismic event location using global optimization algorithms: An integrated and automated workflow. <i>Journal of Applied Geophysics</i> , 2018, 149, 18-24.	2.1	20
9	Edge-preserving frequency-offset denoising of seismic data. <i>Geophysics</i> , 2018, 83, V293-V303.	2.6	2
10	Three-term inversion of prestack seismic data using a weighted L_2, L_1 mixed norm. <i>Geophysical Prospecting</i> , 2017, 65, 1477-1495.	1.9	21
11	An edge-preserving frequency-offset algorithm for seismic data denoising. , 2016, , .		1
12	A simple method inspired by empirical mode decomposition for denoising seismic data. <i>Geophysics</i> , 2016, 81, V403-V413.	2.6	64
13	Acoustics of Partially Saturated Rocks: Theory and Experiments. , 2015, , 45-75.		1
14	Radon transform-based microseismic event detection and signal-to-noise ratio enhancement. <i>Journal of Applied Geophysics</i> , 2015, 113, 51-63.	2.1	38
15	Fast and automatic microseismic phase-arrival detection and denoising by pattern recognition and reduced-rank filtering. <i>Geophysics</i> , 2015, 80, WC25-WC38.	2.6	22
16	Wave attenuation in partially saturated porous rocks – New observations and interpretations across scales. <i>The Leading Edge</i> , 2014, 33, 606-614.	0.7	5
17	A robust method for microseismic event detection based on automatic phase pickers. <i>Journal of Applied Geophysics</i> , 2013, 99, 42-50.	2.1	29
18	Permeability effects on the seismic response of gas reservoirs. <i>Geophysical Journal International</i> , 2012, 189, 448-468.	2.4	27

#	ARTICLE	IF	CITATIONS
19	Seismic characterization of thin beds containing patchy carbon dioxide-brine distributions: A study based on numerical simulations. <i>Geophysics</i> , 2011, 76, R57-R67.	2.6	22
20	Automatic first-breaks picking: New strategies and algorithms. <i>Geophysics</i> , 2010, 75, V67-V76.	2.6	148
21	Thin-bed prestack spectral inversion. <i>Geophysics</i> , 2009, 74, R49-R57.	2.6	27
22	Stochastic sparse-spike deconvolution. <i>Geophysics</i> , 2008, 73, R1-R9.	2.6	124
23	Statistical Segmentation of Geophysical Log Data. <i>Mathematical Geosciences</i> , 2007, 39, 409-417.	0.9	13
24	Comment on 'Non-minimum-phase wavelet estimation using second-and third-order moments' by Wenkai Lu. <i>Geophysical Prospecting</i> , 2006, 54, 487-488.	1.9	2
25	Estimating the distribution of primary reflection coefficients. <i>Geophysics</i> , 2003, 68, 1417-1422.	2.6	10
26	Simulated annealing ray tracing in complex three-dimensional media. <i>Geophysical Journal International</i> , 2001, 145, 447-459.	2.4	12
27	Traveltime inversion for 2D anomaly structures. <i>Geophysics</i> , 2001, 66, 1481-1487.	2.6	8
28	L-moments and C-moments. <i>Stochastic Environmental Research and Risk Assessment</i> , 2000, 14, 50-68.	4.0	31
29	Simulated annealing two-point ray tracing. <i>Geophysical Research Letters</i> , 1996, 23, 201-204.	4.0	17