

Andreas Bauer

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

213
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1307594

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docs citations

16
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110
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Effect of CO ₂ on Seismic and Ultrasonic Properties: A Novel Shale Experiment. <i>Energies</i> , 2021, 14, 5007.	3.1	3
2	Offset dependence of overburden time-lapse shifts from ultrasonic data. <i>Geophysical Prospecting</i> , 2020, 68, 1847-1863.	1.9	5
3	From Static to Dynamic Stiffness of Shales: Frequency and Stress Dependence. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 5085-5098.	5.4	27
4	Velocity dispersion in rocks: A laboratory technique for direct measurement of P-wave modulus at seismic frequencies. <i>Review of Scientific Instruments</i> , 2019, 90, 024501.	1.3	12
5	Static and dynamic stiffness measurements with Opalinus Clay. <i>Geophysical Prospecting</i> , 2019, 67, 997-1019.	1.9	23
6	Influence of subsurface injection on time-lapse seismic: laboratory studies at seismic and ultrasonic frequencies. <i>Geophysical Prospecting</i> , 2018, 66, 99-115.	1.9	7
7	Stress-dependent elastic properties of shales – laboratory experiments at seismic and ultrasonic frequencies. <i>Geophysical Journal International</i> , 2018, 212, 189-210.	2.4	25
8	The impact of saturation on seismic dispersion in shales – Laboratory measurements. <i>Geophysics</i> , 2018, 83, MR15-MR34.	2.6	25
9	Effect of CO ₂ on P- and S-wave velocities at seismic and ultrasonic frequencies. <i>International Journal of Greenhouse Gas Control</i> , 2018, 78, 388-399.	4.6	6
10	Stress-path-dependent velocities in shales: Impact on 4D seismic interpretation. <i>Geophysics</i> , 2018, 83, MR353-MR367.	2.6	15
11	Anisotropic poroelasticity: Does it apply to shale?. , 2018, , .		3
12	Stress-path dependence of ultrasonic and seismic velocities in shale. , 2016, , .		8
13	A new laboratory apparatus for the measurement of seismic dispersion under deviatoric stress conditions. <i>Geophysical Prospecting</i> , 2016, 64, 789-798.	1.9	39
14	Stress and pore-pressure dependence of sound velocities in shales: Poroelastic effects in time-lapse seismic. , 2008, , .		8
15	Near-Field Imaging of Magnetic Domains. , 2005, , 1-41.		0
16	Versatile UHV system for combined far- and near-field magneto-optical microscopy of thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 76-78.	2.3	7