

Anthony C Clark

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

500
citations

840776

11
h-index

839539

18
g-index

30
all docs

30
docs citations

30
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Elastic anisotropy of shales: The roles of crack alignment and compliance ratio. <i>Geophysics</i> , 2022, 87, A13-A17.	2.6	3
2	Rock physics modeling of crack-induced stress sensitivity. , 2021, , .		0
3	Avoiding biases of geometric crack representations in rocks. , 2021, , .		0
4	Assessing Crack-Induced Compliance in Low Porosity Rocks Damaged by Thermo-Hydro-Chemo-Mechanical Processes. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB023217.	3.4	0
5	Monitoring chemo-mechanical deformation through acoustic emission experiments. , 2020, , .		1
6	Data-driven elastic modeling of organic-rich marl during maturation. <i>Geophysics</i> , 2020, 85, MR11-MR23.	2.6	5
7	Acoustic velocity signatures of acidized and propped fractures in Marcellus Shale. , 2020, , .		0
8	Rock physics template of organic-rich marl incorporating the variations in maturity, kerogen content, lithology, and fluid saturation. , 2019, , .		0
9	Permeability Evolution of a Cemented Volcanic Ash During Carbonation and CO ₂ Depressurization. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8409-8427.	3.4	5
10	Elastic Softening of Limestone Upon Decarbonation With Episodic CO ₂ Release. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7404-7420.	3.4	3
11	Monitoring the changes in the microstructure and the elastic and transport properties of Eagle Ford marl during maturation. <i>Geophysics</i> , 2018, 83, MR263-MR281.	2.6	14
12	Monitoring the changes in elastic and transport properties of Eagle Ford marl upon maturation. , 2018, , .		1
13	Data-driven elastic modeling of organic-rich marl during maturation. , 2018, , .		4
14	The rock physics and geochemistry of carbonates exposed to reactive brines. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1497-1513.	3.4	18
15	On the evolution of the elastic properties of organic-rich shale upon pyrolysis-induced thermal maturation. <i>Geophysics</i> , 2016, 81, D263-D281.	2.6	33
16	Pyrolysis-Induced Evolution of the Elastic and Transport Properties of the Barnett Shale. , 2015, , .		3
17	Metallic Coulomb blockade thermometry down to 10 ⁻⁴ K and below. <i>Review of Scientific Instruments</i> , 2012, 83, 083903.	1.3	28
18	Influence of Ortho-H ₂ Clusters on the Mechanical Properties of Solid Para-H ₂ . <i>Journal of Low Temperature Physics</i> , 2010, 158, 867-881.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Method for cooling nanostructures to microkelvin temperatures. Review of Scientific Instruments, 2010, 81, 103904.	1.3	27
20	Heat Capacity Peak in Solid ^4He : Effects of Disorder and Impurities. Physical Review Letters, 2009, 102, 105501.	7.8	39
21	Thermal history of solid ^4He under Effect of ^3He Impurities. Physical Review Letters, 2009, 102, 105502.	3.2	51
22	Impurities on the Nonclassical Response to Oscillation of Solid ^4He . Physical Review Letters, 2008, 100, 065301.	7.8	67
23	Nonclassical Rotational Inertia in Helium Crystals. Physical Review Letters, 2007, 99, 135302.	7.8	94
24	Probable heat capacity signature of the supersolid transition. Nature, 2007, 449, 1025-1028.	27.8	64
25	Search for Superfluidity in Solid Hydrogen. Physical Review Letters, 2006, 97, 245301.	7.8	29
26	Quartz Crystal Microbalance Study of Superfluid ^4He Films on Gold and Porous Gold Surfaces. Journal of Low Temperature Physics, 2004, 134, 91-96.	1.4	5