

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	Nonclassical Rotational Inertia in Helium Crystals. <i>Physical Review Letters</i> , 2007, 99, 135302.	7.8	94
2	Effect of ^3He Impurities on the Nonclassical Response to Oscillation of Solid ^4He . <i>Physical Review Letters</i> , 2008, 100, 065301.	7.8	67
3	Probable heat capacity signature of the supersolid transition. <i>Nature</i> , 2007, 449, 1025-1028.	27.8	64
4	Thermal history of solid ^4He under oscillation. <i>Physical Review B</i> , 2008, 77, 044407.	3.2	51
5	Effects of Disorder and ^3He Impurities. <i>Physical Review Letters</i> , 2009, 102, 055701.	7.8	39
6	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
7	Search for Superfluidity in Solid Hydrogen. <i>Physical Review Letters</i> , 2006, 97, 245301.	7.8	29
8	Metallic Coulomb blockade thermometry down to 10 μK and below. <i>Review of Scientific Instruments</i> , 2012, 83, 083903.	1.3	28
9	Method for cooling nanostructures to microkelvin temperatures. <i>Review of Scientific Instruments</i> , 2010, 81, 103904.	1.3	27
10	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
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	Quartz Crystal Microbalance Study of Superfluid ^4He Films on Gold and Porous Gold Surfaces. <i>Journal of Low Temperature Physics</i> , 2004, 134, 91-96.	1.4	5
13	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
14	Data-driven elastic modeling of organic-rich marl during maturation. <i>Geophysics</i> , 2020, 85, MR11-MR23.	2.6	5
15	Data-driven elastic modeling of organic-rich marl during maturation. , 2018, , .		4
16	Pyrolysis-Induced Evolution of the Elastic and Transport Properties of the Barnett Shale. , 2015, , .		3
17	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
18	Elastic anisotropy of shales: The roles of crack alignment and compliance ratio. <i>Geophysics</i> , 2022, 87, A13-A17.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Influence of Ortho-H ₂ Clusters on the Mechanical Properties of Solid Para-H ₂ . Journal of Low Temperature Physics, 2010, 158, 867-881.	1.4	2
20	Monitoring chemo-mechanical deformation through acoustic emission experiments. , 2020, , .		1
21	Monitoring the changes in elastic and transport properties of Eagle Ford marl upon maturation. , 2018, , .		1
22	Rock physics modeling of crack-induced stress sensitivity. , 2021, , .		0
23	Avoiding biases of geometric crack representations in rocks. , 2021, , .		0
24	Rock physics template of organic-rich marl incorporating the variations in maturity, kerogen content, lithology, and fluid saturation. , 2019, , .		0
25	Acoustic velocity signatures of acidized and propped fractures in Marcellus Shale. , 2020, , .		0
26	Assessing Crack-Induced Compliance in Low Porosity Rocks Damaged by Thermo-Hydro-Chemo-Mechanical Processes. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB023217.	3.4	0