

Luyi Shen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

246
citations

1162367

8
h-index

1199166

12
g-index

20
all docs

20
docs citations

20
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative constraints to the complete state of stress from the combined borehole and focal mechanism inversions: Fox Creek, Alberta. <i>Tectonophysics</i> , 2019, 764, 110-123.	0.9	44
2	The Canadian Rockies and Alberta Network (CRANE): New Constraints on the Rockies and Western Canada Sedimentary Basin. <i>Seismological Research Letters</i> , 2011, 82, 575-588.	0.8	35
3	How N2 injection improves the hydrocarbon recovery of CO2 HnP: An NMR study on the fluid displacement mechanisms. <i>Fuel</i> , 2020, 278, 118286.	3.4	30
4	NMR characterization of a tight sand's pore structures and fluid mobility: An experimental investigation for CO2 EOR potential. <i>Marine and Petroleum Geology</i> , 2020, 118, 104460.	1.5	30
5	Frictional Stabilities on Induced Earthquake Fault Planes at Fox Creek, Alberta: A Pore Fluid Pressure Dilemma. <i>Geophysical Research Letters</i> , 2019, 46, 8753-8762.	1.5	26
6	Noise correlation tomography of Southwest Western Canada Sedimentary Basin. <i>Geophysical Journal International</i> , 2015, 202, 142-162.	1.0	16
7	States of In Situ Stress in the Duvernay East Shale Basin and Willesden Green of Alberta, Canada: Variable In Situ Stress States Effect Fault Stability. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021221.	1.4	11
8	Forward Modeling of SAGD-Induced Heave and Caprock Deformation Analysis. , 2014, , .		10
9	NMR characterization of fluid mobility in tight sand: Analysis on the pore capillaries with the nine-grid model. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 94, 104069.	2.1	10
10	Microseismic Noise from Large Ice-Covered Lakes?. <i>Bulletin of the Seismological Society of America</i> , 2012, 102, 1155-1166.	1.1	9
11	Experimental study on the detection of metal sulfide under seafloor environment using time domain induced polarization. <i>Marine Geophysical Researches</i> , 2021, 42, 1.	0.5	8
12	A novel method to evaluate cleaning quality of oil in shale using pyrolysis pyrogram. <i>Energy Science and Engineering</i> , 2020, 8, 1693-1704.	1.9	5
13	Remote Monitoring of SAGD Operations with Satellite based InSAR. , 2014, , .		4
14	InSAR monitoring of surface deformation induced by steam injection in the Athabasca oil sands, Canada. , 2014, , .		3
15	Determining the transverse isotropic rocks' static elastic moduli with cylindrical plugs: Shortfalls, challenges, and expected outcomes. <i>Geophysics</i> , 2021, 86, W31-W46.	1.4	3
16	Geomechanical Modelling of Cyclic Steaming Induced Surface Deformation. , 2015, , .		2
17	Seismic characterization for underground construction projects using microtremor survey method: A case study in Chengdu Line 18. , 2018, , .		0
18	Fracture's Impact on the Recovery of Hydrocarbon from Low-Permeability Rock's Pores: New Insights from 1H Nuclear Magnetic Resonance Experiment. <i>SPE Journal</i> , 2022, , 1-13.	1.7	0