

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