

Chunxiao Li

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

544
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore characterization of 3D-printed gypsum rocks: a comprehensive approach. <i>Journal of Materials Science</i> , 2018, 53, 5063-5078.	3.7	92
2	Application of PeakForce tapping mode of atomic force microscope to characterize nanomechanical properties of organic matter of the Bakken Shale. <i>Fuel</i> , 2018, 233, 894-910.	6.4	66
3	Nanomechanical characterization of organic matter in the Bakken formation by microscopy-based method. <i>Marine and Petroleum Geology</i> , 2018, 96, 128-138.	3.3	58
4	Can 3-D Printed Gypsum Samples Replicate Natural Rocks? An Experimental Study. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 3061-3074.	5.4	54
5	Microstructure characteristics and fractal analysis of 3D-printed sandstone using micro-CT and SEM-EDS. <i>Journal of Petroleum Science and Engineering</i> , 2019, 175, 1039-1048.	4.2	48
6	Multi-scale evaluation of mechanical properties of the Bakken shale. <i>Journal of Materials Science</i> , 2019, 54, 2133-2151.	3.7	43
7	Multi-scale assessment of mechanical properties of organic-rich shales: A coupled nanoindentation, deconvolution analysis, and homogenization method. <i>Journal of Petroleum Science and Engineering</i> , 2019, 174, 80-91.	4.2	36
8	Application of Machine Learning Techniques in Mineral Classification for Scanning Electron Microscopy - Energy Dispersive X-Ray Spectroscopy (SEM-EDS) Images. <i>Journal of Petroleum Science and Engineering</i> , 2021, 200, 108178.	4.2	32
9	Geomechanical Upscaling Methods: Comparison and Verification via 3D Printing. <i>Energies</i> , 2019, 12, 382.	3.1	21
10	Nanoscale Pore Structure Characterization of Tight Oil Formation: A Case Study of the Bakken Formation. <i>Energy & Fuels</i> , 2019, 33, 6008-6019.	5.1	21
11	Multifractal Characteristics of MIP-Based Pore Size Distribution of 3D-Printed Powder-Based Rocks: A Study of Post-Processing Effect. <i>Transport in Porous Media</i> , 2019, 129, 599-618.	2.6	21
12	AFM vs. Nanoindentation: Nanomechanical properties of organic-rich Shale. <i>Marine and Petroleum Geology</i> , 2021, 132, 105229.	3.3	18
13	Nanochemo-mechanical characterization of organic shale through AFM and EDS. , 2017, , .		12
14	Mechanical response of the Middle Bakken rocks under triaxial compressive test and nanoindentation. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 139, 104660.	5.8	11
15	Refracturing: well selection, treatment design, and lessons learned—a review. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	8
16	Nanoscale mechanical properties of 3D printed gypsum-powder-based rocks by nanoindentation and numerical modeling. <i>Rapid Prototyping Journal</i> , 2019, 25, 1295-1308.	3.2	2
17	Estimation of Mechanical Properties of the Bakken Shales Through Convolutional Neural Networks. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 1213-1225.	5.4	1
18	Nano-mechanical Properties. <i>SpringerBriefs in Petroleum Geoscience & Engineering</i> , 2018, , 71-89.	0.3	0