

James M Wood

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,623
citations

471477

17
h-index

552766

26
g-index

28
all docs

28
docs citations

28
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of reservoir characteristics on the productivity and production forecasting of the Montney shale gas in Canada: Discussion. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 108176.	4.2	0
2	Geochemical evidence for the internal migration of gas condensate in a major unconventional tight petroleum system. <i>Scientific Reports</i> , 2022, 12, 7931.	3.3	5
3	Phase separation and secondary migration of methane-rich gas accompanying uplift of an unconventional tight-hydrocarbon system, Montney Formation, western Canada. <i>Marine and Petroleum Geology</i> , 2021, 124, 104808.	3.3	10
4	Microbial and thermochemical controlled sulfur cycle in the Early Triassic sediments of the Western Canadian Sedimentary Basin. <i>Journal of the Geological Society</i> , 2021, 178, jgs2020-175.	2.1	8
5	Movement of native fluids during scanning electron microscopy imaging of petroliferous siltstones: Evidence from the Montney Formation, western Canada. <i>Fuel</i> , 2021, 290, 120020.	6.4	3
6	Origin of sulfate-rich fluids in the Early Triassic Montney Formation, Western Canadian Sedimentary Basin. <i>Marine and Petroleum Geology</i> , 2020, 114, 104236.	3.3	12
7	Application of paleoporosity and bitumen saturation concepts to tight-gas accumulations containing solid bitumen. <i>International Journal of Coal Geology</i> , 2020, 228, 103547.	5.0	12
8	Core versus cuttings samples for geochemical and petrophysical analysis of unconventional reservoir rocks. <i>Scientific Reports</i> , 2020, 10, 7920.	3.3	13
9	Molybdenum speciation tracking hydrocarbon migration in fine-grained sedimentary rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 283, 136-148.	3.9	18
10	Comparison of micro- and macro-wettability measurements and evaluation of micro-scale imbibition rates for unconventional reservoirs: Implications for modeling multi-phase flow at the micro-scale. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 62, 38-67.	4.4	37
11	Imbibition oil recovery from tight rocks with dual-wettability behavior. <i>Journal of Petroleum Science and Engineering</i> , 2018, 167, 180-191.	4.2	30
12	Solid bitumen in the Montney Formation: Diagnostic petrographic characteristics and significance for hydrocarbon migration. <i>International Journal of Coal Geology</i> , 2018, 198, 48-62.	5.0	51
13	Integrating mud gas and cuttings analyses to understand local CGR variation in the Montney tight gas reservoir. <i>International Journal of Coal Geology</i> , 2018, 197, 42-52.	5.0	10
14	Determination of elastic properties of tight rocks from ultrasonic measurements: Examples from the Montney Formation (Alberta, Canada). <i>Fuel</i> , 2017, 196, 442-457.	6.4	20
15	Tight rock wettability and its relationship to other petrophysical properties: A Montney case study. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 381-390.	3.2	40
16	Secondary migration and leakage of methane from a major tight-gas system. <i>Nature Communications</i> , 2016, 7, 13614.	12.8	41
17	A Theory for Relative Permeability of Unconventional Rocks With Dual-Wettability Pore Network. <i>SPE Journal</i> , 2016, 21, 1970-1980.	3.1	68
18	Simple petrographic grain size analysis of siltstone reservoir rocks: An example from the Montney tight gas reservoir (Western Canada). <i>Fuel</i> , 2016, 166, 253-257.	6.4	10

#	ARTICLE	IF	CITATIONS
19	Wettability of the Montney Tight Gas Formation. SPE Reservoir Evaluation and Engineering, 2015, 18, 417-431.	1.8	75
20	Solid bitumen as a determinant of reservoir quality in an unconventional tight gas siltstone play. International Journal of Coal Geology, 2015, 150-151, 287-295.	5.0	100
21	Effects of nanoporosity and surface imperfections on solid bitumen reflectance (BRo) measurements in unconventional reservoirs. International Journal of Coal Geology, 2015, 138, 95-102.	5.0	45
22	A comparative investigation of shale wettability: The significance of pore connectivity. Journal of Natural Gas Science and Engineering, 2015, 27, 1174-1188.	4.4	117
23	Characterization of organic matter fractions in an unconventional tight gas siltstone reservoir. International Journal of Coal Geology, 2015, 150-151, 296-305.	5.0	113
24	Advances in Understanding Wettability of Tight and Shale Gas Formations. , 2014, , .		26
25	Water Distribution in the Montney Tight Gas Play of the Western Canadian Sedimentary Basin: Significance for Resource Evaluation. SPE Reservoir Evaluation and Engineering, 2013, 16, 290-302.	1.8	34
26	Nanopore-Structure Analysis and Permeability Predictions for a Tight Gas Siltstone Reservoir by Use of Low-Pressure Adsorption and Mercury-Intrusion Techniques. SPE Reservoir Evaluation and Engineering, 2012, 15, 648-661.	1.8	121
27	Fluvial processes and vertebrate taphonomy: the upper cretaceous Judith River formation, South-Central dinosaur Provincial Park, Alberta, Canada. Palaeogeography, Palaeoclimatology, Palaeoecology, 1988, 66, 127-143.	2.3	77
28	Inclined heterolithic stratificationâ€™Terminology, description, interpretation and significance. Sedimentary Geology, 1987, 53, 123-179.	2.1	527