Tianyi Zhao

List of Publications by Year
in descending order

11 papers	620 citations	1040056 9 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	669 citing authors

#	Article	IF	Citations
1	A New Classification and Description of Shale Pore System: from the Burial History Perspective. IOP Conference Series: Earth and Environmental Science, 2020, 571, 012084.	0.3	0
2	Petrophysical characterization of tight oil sandstones by microscale X-ray computed tomography. Marine and Petroleum Geology, 2019, 102, 604-614.	3.3	18
3	Pore scale characteristics of gas flow in shale matrix determined by the regularized lattice Boltzmann method. Chemical Engineering Science, 2018, 187, 245-255.	3.8	22
4	Molecular simulation of methane adsorption on type II kerogen with the impact of water content. Journal of Petroleum Science and Engineering, 2018, 161, 302-310.	4.2	71
5	Permeability prediction of numerical reconstructed multiscale tight porous media using the representative elementary volume scale lattice Boltzmann method. International Journal of Heat and Mass Transfer, 2018, 118, 368-377.	4.8	37
6	Pore structure and adsorption behavior of shale gas reservoir with influence of maturity: a case study of Lower Silurian Longmaxi formation in China. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	16
7	Relative permeability of two immiscible fluids flowing through porous media determined by lattice Boltzmann method. International Communications in Heat and Mass Transfer, 2017, 85, 53-61.	5.6	51
8	Molecular simulation of adsorption and thermodynamic properties on type II kerogen: Influence of maturity and moisture content. Fuel, 2017, 190, 198-207.	6.4	135
9	Effects of mineralogy on petrophysical properties and permeability estimation of the Upper Triassic Yanchang tight oil sandstones in Ordos Basin, Northern China. Fuel, 2016, 186, 328-338.	6.4	60
10	Geological and Petrophysical Characterization of Tight Oil Reservoirs: A Case Study from Upper Triassic Yanchang Formation, Ordos Basin in North China. , 2015, , .		3
11	Petrophysical characterization of tight oil reservoirs using pressure-controlled porosimetry combined with rate-controlled porosimetry. Fuel, 2015, 154, 233-242.	6.4	207