

Qinhong Hu

List of Publications by Year in descending order

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200
papers

7,943
citations

44069

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64796

79
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211
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211
docs citations

211
times ranked

5568
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Pore structure heterogeneity of Wufeng-Longmaxi shale, Sichuan Basin, China: Evidence from gas physisorption and multifractal geometries. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109313. | 4.2 | 59 |
| 2 | Hydrocarbon accumulation depth limit and implications for potential resources prediction. <i>Gondwana Research</i> , 2022, 103, 389-400. | 6.0 | 10 |
| 3 | An improved liquid-liquid extraction technique to determine shale wettability. <i>Marine and Petroleum Geology</i> , 2022, 138, 105538. | 3.3 | 3 |
| 4 | A New Model for Simulating the Imbibition of a Wetting-Phase Fluid in a Matrix-Fracture Dual Connectivity System. <i>Geofluids</i> , 2022, 2022, 1-18. | 0.7 | 1 |
| 5 | Origin of authigenic quartz in organic-rich shales of the Niutitang Formation in the northern margin of Sichuan Basin, South China: Implications for pore network development. <i>Marine and Petroleum Geology</i> , 2022, 138, 105548. | 3.3 | 8 |
| 6 | Pore accessibility by wettable fluids in overmature marine shales of China: Investigations from contrast-matching small-angle neutron scattering (CM-SANS). <i>International Journal of Coal Geology</i> , 2022, 255, 103987. | 5.0 | 10 |
| 7 | Porosity and Pore Networks in Tight Dolostone“Mudstone Reservoirs: Insights from the Devonian Three Forks Formation, Williston Basin, USA. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 462-481. | 3.2 | 9 |
| 8 | Development of an NMR workflow for determining nano-petrophysical properties of marine and lacustrine mudrocks. <i>Journal of Petroleum Science and Engineering</i> , 2022, 214, 110491. | 4.2 | 6 |
| 9 | Analyses of True-Triaxial Hydraulic Fracturing of Granite Samples for an Enhanced Geothermal System. <i>Lithosphere</i> , 2022, 2021, . | 1.4 | 1 |
| 10 | Quantitative Characterization of Full-Spectrum Pore Size and Connectivity for Shale with Different Sedimentary Facies from the Dongying Depression, Bohai Bay Basin, East China. <i>Geofluids</i> , 2022, 2022, 1-17. | 0.7 | 1 |
| 11 | Water Saturation and Distribution Variation in Coal Reservoirs: Intrusion and Drainage Experiments Using One- and Two-Dimensional NMR Techniques. <i>Energy & Fuels</i> , 2022, 36, 6130-6143. | 5.1 | 4 |
| 12 | Experimental investigation of water vapor adsorption isotherm on gas-producing Longmaxi shale: Mathematical modeling and implication for water distribution in shale reservoirs. <i>Chemical Engineering Journal</i> , 2021, 406, 125982. | 12.7 | 41 |
| 13 | A unified model for the formation and distribution of both conventional and unconventional hydrocarbon reservoirs. <i>Geoscience Frontiers</i> , 2021, 12, 695-711. | 8.4 | 34 |
| 14 | Pore Geometry Characteristics and Fluid“Rock Interaction in the Haynesville Shale, East Texas, United States. <i>Energy & Fuels</i> , 2021, 35, 237-250. | 5.1 | 15 |
| 15 | Pore structure typing and fractal characteristics of lacustrine shale from Kongdian Formation in East China. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 85, 103709. | 4.4 | 26 |
| 16 | Pore structure and fluid saturation of near-oil source low-permeability turbidite sandstone of the Dongying Sag in the Bohai Bay Basin, east China. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 108106. | 4.2 | 9 |
| 17 | Investigation of Microwave Irradiation Stimulation to Enhance the Pore Connectivity of Shale. <i>Energy & Fuels</i> , 2021, 35, 3240-3251. | 5.1 | 10 |
| 18 | Evolution of Shale Microstructure under in Situ Heat Treatment: Synchrotron Small-Angle X-ray Scattering. <i>Energy & Fuels</i> , 2021, 35, 4345-4357. | 5.1 | 13 |

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| 19 | Characterization of Closed Pores in Longmaxi Shale by Synchrotron Small-Angle X-ray Scattering. <i>Energy & Fuels</i> , 2021, 35, 6738-6754. | 5.1 | 21 |
| 20 | Fracturing flowback fluids from shale gas wells in western chongqing: Geochemical analyses and relevance for exploration & development. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 88, 103821. | 4.4 | 11 |
| 21 | Solvent extraction efficiency of an Eocene-aged organic-rich lacustrine shale. <i>Marine and Petroleum Geology</i> , 2021, 126, 104941. | 3.3 | 18 |
| 22 | Micro- and Nanoscale Pore Structure Characterization of Carbonates from the Xiaoerbulake Formation in the Tarim Basin, Northwest China. <i>Geofluids</i> , 2021, 2021, 1-20. | 0.7 | 2 |
| 23 | Pore Structure Characterization and Reservoir Quality Evaluation of Analcite-Rich Shale Oil Reservoir from the Bohai Bay Basin. <i>Energy & Fuels</i> , 2021, 35, 9349-9368. | 5.1 | 6 |
| 24 | A new and integrated imaging and compositional method to investigate the contributions of organic matter and inorganic minerals to the pore spaces of lacustrine shale in China. <i>Marine and Petroleum Geology</i> , 2021, 127, 104962. | 3.3 | 27 |
| 25 | Quartz types, silica sources and their implications for porosity evolution and rock mechanics in the Paleozoic Longmaxi Formation shale, Sichuan Basin. <i>Marine and Petroleum Geology</i> , 2021, 128, 105036. | 3.3 | 38 |
| 26 | Geochemical, petrographic and reservoir characteristics of the transgressive systems tract of lower Silurian black shale in Jiaoshiba area, southwest China. <i>Marine and Petroleum Geology</i> , 2021, 129, 105014. | 3.3 | 6 |
| 27 | Petrophysical Characteristics of Silurian Mudstones from Central Taurides in Southern Turkey. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 778-798. | 3.2 | 13 |
| 28 | Effect of Shale Sample Particle Size on Pore Structure Obtained from High Pressure Mercury Intrusion Porosimetry. <i>Geofluids</i> , 2021, 2021, 1-15. | 0.7 | 7 |
| 29 | Microfracture-pore structure characterization and water-rock interaction in three lithofacies of the Lower Eagle Ford Formation. <i>Engineering Geology</i> , 2021, 292, 106276. | 6.3 | 20 |
| 30 | Fracture characteristics and logging identification of lacustrine shale in the Jiyang Depression, Bohai Bay Basin, Eastern China. <i>Marine and Petroleum Geology</i> , 2021, 132, 105192. | 3.3 | 14 |
| 31 | Porosity measurement of granular rock samples by modified bulk density analyses with particle envelopment. <i>Marine and Petroleum Geology</i> , 2021, 133, 105273. | 3.3 | 10 |
| 32 | Diagenesis and pore evolution for various lithofacies of the Wufeng-Longmaxi shale, southern Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2021, 133, 105251. | 3.3 | 23 |
| 33 | Recent advances in the mechanical characterization of shales at nano-to micro-scales: A review. <i>Mechanics of Materials</i> , 2021, 162, 104043. | 3.2 | 5 |
| 34 | Spatial heterogeneity analyses of pore structure and mineral composition of Barnett Shale using X-ray scattering techniques. <i>Marine and Petroleum Geology</i> , 2021, 134, 105354. | 3.3 | 16 |
| 35 | Microscopic pore-fracture configuration and gas-filled mechanism of shale reservoirs in the western Chongqing area, Sichuan Basin, China. <i>Petroleum Exploration and Development</i> , 2021, 48, 1063-1076. | 7.0 | 18 |
| 36 | Chemical Structure Transformations in Kerogen from Longmaxi Shales in Response to Tectonic Stress as Investigated by HRTEM, FTIR, and ¹³ C NMR. <i>Energy & Fuels</i> , 2021, 35, 19496-19506. | 5.1 | 5 |

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| 37 | Main controls and geological sweet spot types in Paleogene shale oil rich areas of the Jiyang Depression, Bohai Bay basin, China. <i>Marine and Petroleum Geology</i> , 2020, 111, 576-587. | 3.3 | 29 |
| 38 | Pore connectivity characterization of shale using integrated woodâ€™s metal impregnation, microscopy, tomography, tracer mapping and porosimetry. <i>Fuel</i> , 2020, 259, 116248. | 6.4 | 22 |
| 39 | Sensitive parameters of NMR T2 spectrum and their application to pore structure characterization and evaluation in logging profile: A case study from Chang 7 in the Yanchang Formation, Heshui area, Ordos Basin, NW China. <i>Marine and Petroleum Geology</i> , 2020, 111, 230-239. | 3.3 | 39 |
| 40 | Multiscale connectivity characterization of marine shales in southern China by fluid intrusion, small-angle neutron scattering (SANS), and FIB-SEM. <i>Marine and Petroleum Geology</i> , 2020, 112, 104101. | 3.3 | 62 |
| 41 | The effects of pore structure on wettability and methane adsorption capability of Longmaxi Formation shale from the southern Sichuan Basin in China. <i>AAPG Bulletin</i> , 2020, 104, 1375-1399. | 1.5 | 15 |
| 42 | Characterization of methane adsorption on shale of a complex tectonic area in Northeast Guizhou, China: Experimental results and geological significance. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 84, 103676. | 4.4 | 15 |
| 43 | Effects of Fe-rich acid mine drainage on percolation features and pore structure in carbonate rocks. <i>Journal of Hydrology</i> , 2020, 591, 125571. | 5.4 | 17 |
| 44 | Factors controlling organic-matter accumulation in the Upper Ordovician-Lower Silurian organic-rich shale on the northeast margin of the Upper Yangtze platform: Evidence from petrographic and geochemical proxies. <i>Marine and Petroleum Geology</i> , 2020, 121, 104597. | 3.3 | 22 |
| 45 | Roles of aqueous Fe(III) in oxidation of partially reduced nontronite under sub-acidic conditions. <i>Applied Clay Science</i> , 2020, 195, 105689. | 5.2 | 4 |
| 46 | Effect of Particle Size on Pore Characteristics of Organic-Rich Shales: Investigations from Small-Angle Neutron Scattering (SANS) and Fluid Intrusion Techniques. <i>Energies</i> , 2020, 13, 6049. | 3.1 | 11 |
| 47 | Changes in water vapor adsorption and water film thickness in clayey materials as a function of relative humidity. <i>Vadose Zone Journal</i> , 2020, 19, e20063. | 2.2 | 7 |
| 48 | The effect of clay-swelling induced cracks on imbibition behavior of marine shale reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 83, 103525. | 4.4 | 30 |
| 49 | Coupled nano-petrophysical and organic-geochemical study of the Wolfberry Play in Howard County, Texas U.S.A.. <i>Marine and Petroleum Geology</i> , 2020, 122, 104663. | 3.3 | 14 |
| 50 | Multiple Approaches to Quantifying the Effective Porosity of Lacustrine Shale Oil Reservoirs in Bohai Bay Basin, East China. <i>Geofluids</i> , 2020, 2020, 1-13. | 0.7 | 6 |
| 51 | Thermal maturity evaluation using Raman spectroscopy for oil shale samples of USA: comparisons with vitrinite reflectance and pyrolysis methods. <i>Petroleum Science</i> , 2020, 17, 567-581. | 4.9 | 17 |
| 52 | Quantifying Fluidâ€™Wettable Effective Pore Space in the Utica and Bakken Oil Shale Formations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087896. | 4.0 | 12 |
| 53 | Nanoscale Pore Network Evolution of Xiamaling Marine Shale during Organic Matter Maturation by Hydrous Pyrolysis. <i>Energy & Fuels</i> , 2020, 34, 1548-1563. | 5.1 | 36 |
| 54 | Developmental characteristics and controlling factors of natural fractures in the lower paleozoic marine shales of the upper Yangtze Platform, southern China. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 76, 103191. | 4.4 | 26 |

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| 55 | Pore characterization of shales: A review of small angle scattering technique. Journal of Natural Gas Science and Engineering, 2020, 78, 103294. | 4.4 | 64 |
| 56 | Resolution effect on image-based conventional and tight sandstone pore space reconstructions: Origins and strategies. Journal of Hydrology, 2020, 586, 124856. | 5.4 | 5 |
| 57 | Water adsorption characteristics of organic-rich Wufeng and Longmaxi Shales, Sichuan Basin (China). Journal of Petroleum Science and Engineering, 2020, 193, 107387. | 4.2 | 61 |
| 58 | Particle size effect on water vapor sorption measurement of organic shale: One example from Dongyuemiao Member of Lower Jurassic Ziliujing Formation in Jiannan Area of China. Advances in Geo-Energy Research, 2020, 4, 207-218. | 6.0 | 31 |
| 59 | Competitive adsorption of methane and ethane in montmorillonite nanopores of shale at supercritical conditions: A grand canonical Monte Carlo simulation study. Chemical Engineering Journal, 2019, 355, 76-90. | 12.7 | 150 |
| 60 | Laminae characteristics and influence on shale gas reservoir quality of lower Silurian Longmaxi Formation in the Jiaoshiba area of the Sichuan Basin, China. Marine and Petroleum Geology, 2019, 109, 839-851. | 3.3 | 33 |
| 61 | Complementary neutron scattering, mercury intrusion and SEM imaging approaches to micro- and nano-pore structure characterization of tight rocks: A case study of the Bakken shale. International Journal of Coal Geology, 2019, 212, 103252. | 5.0 | 30 |
| 62 | Pressure-dependent fracture permeability of marine shales in the Northeast Yunnan area, Southern China. International Journal of Coal Geology, 2019, 214, 103237. | 5.0 | 31 |
| 63 | Non-connected pores of the Longmaxi shale in southern Sichuan Basin of China. Marine and Petroleum Geology, 2019, 110, 420-433. | 3.3 | 20 |
| 64 | The effects of mineral composition, TOC content and pore structure on spontaneous imbibition in Lower Jurassic Dongyuemiao shale reservoirs. Marine and Petroleum Geology, 2019, 109, 268-278. | 3.3 | 42 |
| 65 | Pore structure and fluid uptake of the Yeso, Abo, and Cisco Formations in the Permian Basin in southeast New Mexico, USA. Interpretation, 2019, 7, SK1-SK17. | 1.1 | 3 |
| 66 | Nanopetrophysical characterization of the Mancos Shale Formation in the San Juan Basin of northwestern New Mexico, USA. Interpretation, 2019, 7, SJ45-SJ65. | 1.1 | 6 |
| 67 | A review of shale wettability characterization using spontaneous imbibition experiments. Marine and Petroleum Geology, 2019, 109, 330-338. | 3.3 | 68 |
| 68 | Pore connectivity and water accessibility in Upper Permian transitional shales, southern China. Marine and Petroleum Geology, 2019, 107, 407-422. | 3.3 | 31 |
| 69 | Fluid distribution and gas adsorption behaviors in over-mature shales in southern China. Marine and Petroleum Geology, 2019, 109, 223-232. | 3.3 | 23 |
| 70 | Geological controls on the accumulation of shale gas: A case study of the early Cambrian shale in the Upper Yangtze area. Marine and Petroleum Geology, 2019, 107, 423-437. | 3.3 | 45 |
| 71 | Clarifying pore diameter, pore width, and their relationship through pressure measurements: A critical study. Marine and Petroleum Geology, 2019, 107, 142-148. | 3.3 | 16 |
| 72 | Organic nanopore structure and fractal characteristics of Wufeng and lower member of Longmaxi shales in southeastern Sichuan, China. Marine and Petroleum Geology, 2019, 103, 456-472. | 3.3 | 59 |

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| 73 | Pore Structure, Wettability, and Their Coupled Effects on Tracer-Containing Fluid Migration in Organic-Rich Shale. , 2019, , 133-154. | | 2 |
| 74 | Effect of shale diagenesis on pores and storage capacity in the Paleogene Shahejie Formation, Dongying Depression, Bohai Bay Basin, east China. Marine and Petroleum Geology, 2019, 103, 738-752. | 3.3 | 39 |
| 75 | Geochemical characteristics of the Silurian shales from the central Taurides, southern Turkey: Organic matter accumulation, preservation and depositional environment modeling. Marine and Petroleum Geology, 2019, 102, 155-175. | 3.3 | 36 |
| 76 | Integrated NMR and FE-SEM methods for pore structure characterization of Shahejie shale from the Dongying Depression, Bohai Bay Basin. Marine and Petroleum Geology, 2019, 100, 85-94. | 3.3 | 50 |
| 77 | Mineral-controlled nm-1¼m-scale pore structure of saline lacustrine shale in Qianjiang Depression, Jiangnan Basin, China. Marine and Petroleum Geology, 2019, 99, 347-354. | 3.3 | 27 |
| 78 | Wettability and connectivity of overmature shales in the Fuling gas field, Sichuan Basin (China). AAPG Bulletin, 2019, 103, 653-689. | 1.5 | 45 |
| 79 | Development of Geothermal Resources in China: A Review. Journal of Earth Science (Wuhan, China), 2018, 29, 452-467. | 3.2 | 58 |
| 80 | Pore structure characterization of organic-rich Niutitang shale from China: Small angle neutron scattering (SANS) study. International Journal of Coal Geology, 2018, 186, 115-125. | 5.0 | 100 |
| 81 | Pore structure, wettability, and spontaneous imbibition of Woodford Shale, Permian Basin, West Texas. Marine and Petroleum Geology, 2018, 91, 735-748. | 3.3 | 65 |
| 82 | Pore structure, wettability and tracer migration in four leading shale formations in the Middle Yangtze Platform, China. Marine and Petroleum Geology, 2018, 89, 415-427. | 3.3 | 44 |
| 83 | Supercritical Methane Diffusion in Shale Nanopores: Effects of Pressure, Mineral Types, and Moisture Content. Energy & Fuels, 2018, 32, 169-180. | 5.1 | 115 |
| 84 | USING MULTICYCLE MERCURY INTRUSION POROSIMETRY TO INVESTIGATE HYSTERESIS PHENOMENON OF DIFFERENT POROUS MEDIA. Journal of Porous Media, 2018, 21, 607-622. | 1.9 | 10 |
| 85 | Comparative Investigations on Wettability of Typical Marine, Continental, and Transitional Shales in the Middle Yangtze Platform (China). Energy & Fuels, 2018, 32, 12187-12197. | 5.1 | 21 |
| 86 | Pore structure and spontaneous imbibition characteristics of marine and continental shales in China. AAPG Bulletin, 2018, 102, 1941-1961. | 1.5 | 73 |
| 87 | Lower Es3 in Zhanhua Sag, Jiyang Depression: a case study for lithofacies classification in lacustrine mud shale. Applied Geophysics, 2018, 15, 151-164. | 0.6 | 8 |
| 88 | Pore Structure and Fluid Uptake of the Springer/Goddard Shale Formation in Southeastern Oklahoma, USA. Geofluids, 2018, 2018, 1-16. | 0.7 | 5 |
| 89 | Mineral composition and seal condition implicated in pore structure development of organic-rich Longmaxi shales, Sichuan Basin, China. Marine and Petroleum Geology, 2018, 98, 507-522. | 3.3 | 44 |
| 90 | KGÂ²B, a collaborative benchmarking exercise for estimating the permeability of the Grimsel granodioriteâ€”Part 2: modelling, microstructures and complementary data. Geophysical Journal International, 2018, 215, 825-843. | 2.4 | 10 |

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| 91 | KGÂ ² B, a collaborative benchmarking exercise for estimating the permeability of the Grimsel granodiorite “ Part 1: measurements, pressure dependence and pore-fluid effects. <i>Geophysical Journal International</i> , 2018, 215, 799-824. | 2.4 | 16 |
| 92 | Applying Fractal Theory to Characterize the Pore Structure of Lacustrine Shale from the Zhanhua Depression in Bohai Bay Basin, Eastern China. <i>Energy & Fuels</i> , 2018, 32, 7539-7556. | 5.1 | 47 |
| 93 | Rock fabric and pore structure of the Shahejie sandy conglomerates from the Dongying depression in the Bohai Bay Basin, East China. <i>Marine and Petroleum Geology</i> , 2018, 97, 624-638. | 3.3 | 38 |
| 94 | Applying SANS technique to characterize nano-scale pore structure of Longmaxi shale, Sichuan Basin (China). <i>Fuel</i> , 2017, 197, 91-99. | 6.4 | 113 |
| 95 | Pore connectivity and tracer migration of typical shales in south China. <i>Fuel</i> , 2017, 203, 32-46. | 6.4 | 84 |
| 96 | Mineral types and organic matters of the Ordovician-Silurian Wufeng and Longmaxi Shale in the Sichuan Basin, China: Implications for pore systems, diagenetic pathways, and reservoir quality in fine-grained sedimentary rocks. <i>Marine and Petroleum Geology</i> , 2017, 86, 655-674. | 3.3 | 118 |
| 97 | Spontaneous Imbibition of Three Leading Shale Formations in the Middle Yangtze Platform, South China. <i>Energy & Fuels</i> , 2017, 31, 6903-6916. | 5.1 | 30 |
| 98 | Geological controls and methane sorption capacity of marine shales of the Fuling shale gas field in the eastern Sichuan Basin, China. <i>Petroleum Geoscience</i> , 2017, 23, 466-475. | 1.5 | 8 |
| 99 | Experimental investigations on the geometry and connectivity of pore space in organic-rich Wufeng and Longmaxi shales. <i>Marine and Petroleum Geology</i> , 2017, 84, 225-242. | 3.3 | 107 |
| 100 | Pore characteristics of Longmaxi shale gas reservoir in the Northwest of Guizhou, China: Investigations using small-angle neutron scattering (SANS), helium pycnometry, and gas sorption isotherm. <i>International Journal of Coal Geology</i> , 2017, 171, 61-68. | 5.0 | 124 |
| 101 | Geochemical characteristics and origin of natural gas from Wufeng-Longmaxi shales of the Fuling gas field, Sichuan Basin (China). <i>International Journal of Coal Geology</i> , 2017, 171, 1-11. | 5.0 | 75 |
| 102 | Integrating SANS and fluid-invasion methods to characterize pore structure of typical American shale oil reservoirs. <i>Scientific Reports</i> , 2017, 7, 15413. | 3.3 | 44 |
| 103 | Lead adsorption by biochar under the elevated competition of cadmium and aluminum. <i>Scientific Reports</i> , 2017, 7, 2264. | 3.3 | 41 |
| 104 | Nuclear magnetic resonance T2 spectrum: multifractal characteristics and pore structure evaluation. <i>Applied Geophysics</i> , 2017, 14, 205-215. | 0.6 | 42 |
| 105 | Characterization of micro-nano pore networks in shale oil reservoirs of Paleogene Shahejie Formation in Dongying Sag of Bohai Bay Basin, East China. <i>Petroleum Exploration and Development</i> , 2017, 44, 720-730. | 7.0 | 117 |
| 106 | Optimization of Brittleness Estimation Using Rock Physics Templates. , 2017, , . | | 0 |
| 107 | A Workflow for Target-oriented Pore Pressure Prediction in Shale Gas Reservoirs. , 2017, , . | | 0 |
| 108 | Applying Molecular and Nanoparticle Tracers to Study Wettability and Connectivity of Longmaxi Formation in Southern China. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 6284-6295. | 0.9 | 22 |

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| 109 | Construction of Normal Compaction Trends for Overpressure Prediction in Organic-rich Shales. , 2016, , . | | 0 |
| 110 | Effects of Confining Pressure on Unsteady-State Air Permeability Measurement Method in an Aggregated Andisol. Vadose Zone Journal, 2016, 15, 1-9. | 2.2 | 2 |
| 111 | Origin of over-pressure in clastic rocks in Yuanba area, northeast Sichuan Basin, China. Journal of Natural Gas Science and Engineering, 2016, 30, 90-105. | 4.4 | 23 |
| 112 | Initial water saturation and imbibition fluid affect spontaneous imbibition into Barnett shale samples. Journal of Natural Gas Science and Engineering, 2016, 34, 541-551. | 4.4 | 72 |
| 113 | Pore characterization and methane sorption capacity of over-mature organic-rich Wufeng and Longmaxi shales in the southeast Sichuan Basin, China. Marine and Petroleum Geology, 2016, 77, 247-261. | 3.3 | 99 |
| 114 | Pore structure characteristics and permeability of deep sedimentary rocks determined by mercury intrusion porosimetry. Journal of Earth Science (Wuhan, China), 2016, 27, 670-676. | 3.2 | 47 |
| 115 | Leaching behavior of trace elements in coal spoils from Yangquan coal mine, Northern China. Journal of Earth Science (Wuhan, China), 2016, 27, 891-900. | 3.2 | 8 |
| 116 | Grain-Size Based Additivity Models for Scaling Multi-rate Uranyl Surface Complexation in Subsurface Sediments. Mathematical Geosciences, 2016, 48, 511-535. | 2.4 | 11 |
| 117 | Nanoscale pore characteristics of the Lower Cambrian Niutitang Formation Shale: A case study from Well Yuke #1 in the Southeast of Chongqing, China. International Journal of Coal Geology, 2016, 154-155, 16-29. | 5.0 | 164 |
| 118 | Nano-scale pore structure and fractal dimension of organic-rich Wufeng-Longmaxi shale from Jiaoshiba area, Sichuan Basin: Investigations using FE-SEM, gas adsorption and helium pycnometry. Marine and Petroleum Geology, 2016, 70, 27-45. | 3.3 | 431 |
| 119 | Wettability of Mississippian Barnett Shale samples at different depths: Investigations from directional spontaneous imbibition. AAPG Bulletin, 2016, 100, 101-114. | 1.5 | 103 |
| 120 | Paleo-ocean redox environments of the Upper Ordovician Wufeng and the first member in lower Silurian Longmaxi formations in the Jiaoshiba area, Sichuan Basin. Canadian Journal of Earth Sciences, 2016, 53, 426-440. | 1.3 | 48 |
| 121 | Low nanopore connectivity limits gas production in Barnett formation. Journal of Geophysical Research: Solid Earth, 2015, 120, 8073-8087. | 3.4 | 135 |
| 122 | Pore structure and tracer migration behavior of typical American and Chinese shales. Petroleum Science, 2015, 12, 651-663. | 4.9 | 59 |
| 123 | INVESTIGATING THE EFFECT OF MEDIAN PORE-THROAT DIAMETER ON SPONTANEOUS IMBIBITION. Journal of Porous Media, 2015, 18, 1231-1238. | 1.9 | 13 |
| 124 | Adsorption Mechanism of Humic Acid on Cu/Fe Bimetallic Particles and Its Influence on the Reduction of Nitrobenzene in Groundwater. Water, Air, and Soil Pollution, 2014, 225, 1. | 2.4 | 4 |
| 125 | Contamination investigation and risk assessment of molybdenum on an industrial site in China. Journal of Geochemical Exploration, 2014, 144, 273-281. | 3.2 | 14 |
| 126 | Pore Accessibility and Connectivity of Mineral and Kerogen Phases for Shales. , 2014, , . | | 10 |

| # | ARTICLE | IF | CITATIONS |
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| 127 | Fluoride and arsenic hydrogeochemistry of groundwater at Yuncheng basin, Northern China. <i>Geochemistry International</i> , 2014, 52, 868-881. | 0.7 | 32 |
| 128 | Competitive adsorption of humic acid and arsenate on nanoscale iron-manganese binary oxide-loaded zeolite in groundwater. <i>Journal of Geochemical Exploration</i> , 2014, 144, 220-225. | 3.2 | 30 |
| 129 | Magnetic nanoscale Fe-Mn binary oxides loaded zeolite for arsenic removal from synthetic groundwater. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 457, 220-227. | 4.7 | 96 |
| 130 | An Evaluation of Water Quality in Private Drinking Water Wells Near Natural Gas Extraction Sites in the Barnett Shale Formation. <i>Environmental Science & Technology</i> , 2013, 47, 10032-10040. | 10.0 | 205 |
| 131 | Effects of arsenic incorporation on jarosite dissolution rates and reaction products. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 192-207. | 3.9 | 57 |
| 132 | An NMR study of porous rock and biochar containing organic material. <i>Microporous and Mesoporous Materials</i> , 2013, 178, 94-98. | 4.4 | 50 |
| 133 | Mobility of arsenic in aquifer sediments at Datong Basin, northern China: Effect of bicarbonate and phosphate. <i>Journal of Geochemical Exploration</i> , 2013, 135, 93-103. | 3.2 | 43 |
| 134 | Estimating permeability using median pore-throat radius obtained from mercury intrusion porosimetry. <i>Journal of Geophysics and Engineering</i> , 2013, 10, 025014. | 1.4 | 144 |
| 135 | Assessing Molybdenum Adsorption onto an Industrial Soil and Iron Minerals. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1. | 2.4 | 9 |
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