

Qinhong Hu

List of Publications by Year in descending order

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200
papers

7,943
citations

50566

48
h-index

73587

79
g-index

211
all docs

211
docs citations

211
times ranked

6196
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-scale pore structure and fractal dimension of organic-rich Wufeng-Longmaxi shale from Jiaoshiha area, Sichuan Basin: Investigations using FE-SEM, gas adsorption and helium pycnometry. <i>Marine and Petroleum Geology</i> , 2016, 70, 27-45.	1.5	431
2	Sources of anthropogenic radionuclides in the environment: a review. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 426-437.	0.9	271
3	Accumulation of polycyclic aromatic hydrocarbons and heavy metals in lettuce grown in the soils contaminated with long-term wastewater irrigation. <i>Journal of Hazardous Materials</i> , 2008, 152, 506-515.	6.5	235
4	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.	4.6	205
5	Low pore connectivity in natural rock. <i>Journal of Contaminant Hydrology</i> , 2012, 133, 76-83.	1.6	194
6	Nanoscale pore characteristics of the Lower Cambrian Niutitang Formation Shale: A case study from Well Yuke #1 in the Southeast of Chongqing, China. <i>International Journal of Coal Geology</i> , 2016, 154-155, 16-29.	1.9	164
7	Competitive adsorption of methane and ethane in montmorillonite nanopores of shale at supercritical conditions: A grand canonical Monte Carlo simulation study. <i>Chemical Engineering Journal</i> , 2019, 355, 76-90.	6.6	150
8	Soil to plant transfer of ²³⁸ U, ²²⁶ Ra and ²³² Th on a uranium mining-impacted soil from southeastern China. <i>Journal of Environmental Radioactivity</i> , 2005, 82, 223-236.	0.9	146
9	Estimating permeability using median pore-throat radius obtained from mercury intrusion porosimetry. <i>Journal of Geophysics and Engineering</i> , 2013, 10, 025014.	0.7	144
10	Sorption and transport of iodine species in sediments from the Savannah River and Hanford Sites. <i>Journal of Contaminant Hydrology</i> , 2005, 78, 185-205.	1.6	140
11	Low nanopore connectivity limits gas production in Barnett formation. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8073-8087.	1.4	135
12	Enhanced Transport of Low-Polarity Organic Compounds through Soil by Cyclodextrin. <i>Environmental Science & Technology</i> , 1994, 28, 952-956.	4.6	130
13	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.	1.9	124
14	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.	1.5	118
15	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.	3.0	117
16	Supercritical Methane Diffusion in Shale Nanopores: Effects of Pressure, Mineral Types, and Moisture Content. <i>Energy & Fuels</i> , 2018, 32, 169-180.	2.5	115
17	Applying SANS technique to characterize nano-scale pore structure of Longmaxi shale, Sichuan Basin (China). <i>Fuel</i> , 2017, 197, 91-99.	3.4	113
18	Using X-ray computed tomography in pore structure characterization for a Berea sandstone: Resolution effect. <i>Journal of Hydrology</i> , 2012, 472-473, 254-261.	2.3	112

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19	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.	1.5	107
20	Wettability of Mississippian Barnett Shale samples at different depths: Investigations from directional spontaneous imbibition. <i>AAPG Bulletin</i> , 2016, 100, 101-114.	0.7	103
21	Adsorption and desorption of iodine by various Chinese soils: II. Iodide and iodate. <i>Geoderma</i> , 2009, 153, 130-135.	2.3	102
22	Using flow interruption to identify factors causing nonideal contaminant transport. <i>Journal of Contaminant Hydrology</i> , 1997, 24, 205-219.	1.6	100
23	Pore structure characterization of organic-rich Niutitang shale from China: Small angle neutron scattering (SANS) study. <i>International Journal of Coal Geology</i> , 2018, 186, 115-125.	1.9	100
24	Pore characterization and methane sorption capacity of over-mature organic-rich Wufeng and Longmaxi shales in the southeast Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2016, 77, 247-261.	1.5	99
25	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.	2.3	96
26	Pore connectivity and tracer migration of typical shales in south China. <i>Fuel</i> , 2017, 203, 32-46.	3.4	84
27	Aqueous-Phase Diffusion in Unsaturated Geologic Media: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2003, 33, 275-297.	6.6	81
28	Effect of Solute Size on Transport in Structured Porous Media. <i>Water Resources Research</i> , 1995, 31, 1637-1646.	1.7	75
29	Using stable lead isotopes to trace heavy metal contamination sources in sediments of Xiangjiang and Lishui Rivers in China. <i>Environmental Pollution</i> , 2011, 159, 3406-3410.	3.7	75
30	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.	1.9	75
31	Pore structure and spontaneous imbibition characteristics of marine and continental shales in China. <i>AAPG Bulletin</i> , 2018, 102, 1941-1961.	0.7	73
32	Initial water saturation and imbibition fluid affect spontaneous imbibition into Barnett shale samples. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 34, 541-551.	2.1	72
33	A review of shale wettability characterization using spontaneous imbibition experiments. <i>Marine and Petroleum Geology</i> , 2019, 109, 330-338.	1.5	68
34	Pore structure, wettability, and spontaneous imbibition of Woodford Shale, Permian Basin, West Texas. <i>Marine and Petroleum Geology</i> , 2018, 91, 735-748.	1.5	65
35	Pore characterization of shales: A review of small angle scattering technique. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 78, 103294.	2.1	64
36	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.	1.5	62

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37	Water adsorption characteristics of organic-rich Wufeng and Longmaxi Shales, Sichuan Basin (China). <i>Journal of Petroleum Science and Engineering</i> , 2020, 193, 107387.	2.1	61
38	Deposition of Platinum Nanoparticles, Synthesized in Water-in-Oil Microemulsions, on Alumina Supports. <i>Langmuir</i> , 2002, 18, 1811-1818.	1.6	59
39	Pore structure and tracer migration behavior of typical American and Chinese shales. <i>Petroleum Science</i> , 2015, 12, 651-663.	2.4	59
40	Organic nanopore structure and fractal characteristics of Wufeng and lower member of Longmaxi shales in southeastern Sichuan, China. <i>Marine and Petroleum Geology</i> , 2019, 103, 456-472.	1.5	59
41	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.	2.1	59
42	Laboratory measurement of water imbibition into low-permeability welded tuff. <i>Journal of Hydrology</i> , 2001, 242, 64-78.	2.3	58
43	Development of Geothermal Resources in China: A Review. <i>Journal of Earth Science (Wuhan, China)</i> , 2018, 29, 452-467.	1.1	58
44	Effects of arsenic incorporation on jarosite dissolution rates and reaction products. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 192-207.	1.6	57
45	Wheat phytotoxicity from arsenic and cadmium separately and together in solution culture and in a calcareous soil. <i>Journal of Hazardous Materials</i> , 2007, 148, 377-382.	6.5	55
46	An NMR study of porous rock and biochar containing organic material. <i>Microporous and Mesoporous Materials</i> , 2013, 178, 94-98.	2.2	50
47	Integrated NMR and FE-SEM methods for pore structure characterization of Shahejie shale from the Dongying Depression, Bohai Bay Basin. <i>Marine and Petroleum Geology</i> , 2019, 100, 85-94.	1.5	50
48	Diffusivity of rocks: Gas diffusion measurements and correlation to porosity and pore size distribution. <i>Water Resources Research</i> , 2012, 48, .	1.7	49
49	Paleo-ocean redox environments of the Upper Ordovician Wufeng and the first member in lower Silurian Longmaxi formations in the Jiaoshiaba area, Sichuan Basin. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 426-440.	0.6	48
50	Pore structure characteristics and permeability of deep sedimentary rocks determined by mercury intrusion porosimetry. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 670-676.	1.1	47
51	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.	2.5	47
52	Geological controls on the accumulation of shale gas: A case study of the early Cambrian shale in the Upper Yangtze area. <i>Marine and Petroleum Geology</i> , 2019, 107, 423-437.	1.5	45
53	Wettability and connectivity of overmature shales in the Fuling gas field, Sichuan Basin (China). <i>AAPG Bulletin</i> , 2019, 103, 653-689.	0.7	45
54	The effect of local-scale physical heterogeneity and nonlinear, rate-limited sorption/desorption on contaminant transport in porous media. <i>Journal of Contaminant Hydrology</i> , 2003, 64, 35-58.	1.6	44

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55	Integrating SANS and fluid-invasion methods to characterize pore structure of typical American shale oil reservoirs. <i>Scientific Reports</i> , 2017, 7, 15413.	1.6	44
56	Pore structure, wettability and tracer migration in four leading shale formations in the Middle Yangtze Platform, China. <i>Marine and Petroleum Geology</i> , 2018, 89, 415-427.	1.5	44
57	Mineral composition and seal condition implicated in pore structure development of organic-rich Longmaxi shales, Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2018, 98, 507-522.	1.5	44
58	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.	1.5	43
59	Nuclear magnetic resonance T2 spectrum: multifractal characteristics and pore structure evaluation. <i>Applied Geophysics</i> , 2017, 14, 205-215.	0.1	42
60	The effects of mineral composition, TOC content and pore structure on spontaneous imbibition in Lower Jurassic Dongyuemiao shale reservoirs. <i>Marine and Petroleum Geology</i> , 2019, 109, 268-278.	1.5	42
61	Lead adsorption by biochar under the elevated competition of cadmium and aluminum. <i>Scientific Reports</i> , 2017, 7, 2264.	1.6	41
62	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.	6.6	41
63	Effect of shale diagenesis on pores and storage capacity in the Paleogene Shahejie Formation, Dongying Depression, Bohai Bay Basin, east China. <i>Marine and Petroleum Geology</i> , 2019, 103, 738-752.	1.5	39
64	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.	1.5	39
65	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.	1.5	38
66	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.	1.5	38
67	Quantitative 3-D Elemental Mapping by LA-ICP-MS of a Basaltic Clast from the Hanford 300 Area, Washington, USA. <i>Environmental Science & Technology</i> , 2012, 46, 2025-2032.	4.6	36
68	Geochemical characteristics of the Silurian shales from the central Taurides, southern Turkey: Organic matter accumulation, preservation and depositional environment modeling. <i>Marine and Petroleum Geology</i> , 2019, 102, 155-175.	1.5	36
69	Nanoscale Pore Network Evolution of Xiamaling Marine Shale during Organic Matter Maturation by Hydrous Pyrolysis. <i>Energy & Fuels</i> , 2020, 34, 1548-1563.	2.5	36
70	Effect of reducing groundwater on the retardation of redox-sensitive radionuclides. <i>Geochemical Transactions</i> , 2008, 9, 12.	1.8	34
71	Sorption, degradation, and transport of methyl iodide and other iodine species in geologic media. <i>Applied Geochemistry</i> , 2012, 27, 774-781.	1.4	34
72	A unified model for the formation and distribution of both conventional and unconventional hydrocarbon reservoirs. <i>Geoscience Frontiers</i> , 2021, 12, 695-711.	4.3	34

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73	Biodegradation during Contaminant Transport in Porous Media. 2. The Influence of Physicochemical Factors. <i>Environmental Science & Technology</i> , 1999, 33, 96-103.	4.6	33
74	Effects of anion competitive adsorption on arsenic enrichment in groundwater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 471-479.	0.9	33
75	Laminae characteristics and influence on shale gas reservoir quality of lower Silurian Longmaxi Formation in the Jiaoshiba area of the Sichuan Basin, China. <i>Marine and Petroleum Geology</i> , 2019, 109, 839-851.	1.5	33
76	Fluoride and arsenic hydrogeochemistry of groundwater at Yuncheng basin, Northern China. <i>Geochemistry International</i> , 2014, 52, 868-881.	0.2	32
77	Pressure-dependent fracture permeability of marine shales in the Northeast Yunnan area, Southern China. <i>International Journal of Coal Geology</i> , 2019, 214, 103237.	1.9	31
78	Pore connectivity and water accessibility in Upper Permian transitional shales, southern China. <i>Marine and Petroleum Geology</i> , 2019, 107, 407-422.	1.5	31
79	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. <i>Advances in Geo-Energy Research</i> , 2020, 4, 207-218.	3.1	31
80	Quantitative structure-activity relationships for evaluating the influence of sorbate structure on sorption of organic compounds by soil. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1133-1140.	2.2	30
81	Transport of rate-limited sorbing solutes in an aggregated porous medium: A multiprocess non-ideality approach. <i>Journal of Contaminant Hydrology</i> , 1996, 24, 53-73.	1.6	30
82	Scale dependence of intragranular porosity, tortuosity, and diffusivity. <i>Water Resources Research</i> , 2010, 46, .	1.7	30
83	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.	1.5	30
84	Spontaneous Imbibition of Three Leading Shale Formations in the Middle Yangtze Platform, South China. <i>Energy & Fuels</i> , 2017, 31, 6903-6916.	2.5	30
85	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. <i>International Journal of Coal Geology</i> , 2019, 212, 103252.	1.9	30
86	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.	2.1	30
87	Preliminary 3-D site-scale studies of radioactive colloid transport in the unsaturated zone at Yucca Mountain, Nevada. <i>Journal of Contaminant Hydrology</i> , 2003, 60, 251-286.	1.6	29
88	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.	1.5	29
89	The effect of solute size on diffusive-dispersive transport in porous media. <i>Journal of Hydrology</i> , 1994, 158, 305-317.	2.3	28
90	Coupled effects of nonlinear, rate-limited sorption and biodegradation on transport of 2,4-dichlorophenoxyacetic acid in soil. <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1673-1680.	2.2	28

#	ARTICLE	IF	CITATIONS
91	Characterizing Unsaturated Diffusion in Porous Tuff Gravel. <i>Vadose Zone Journal</i> , 2004, 3, 1425-1438.	1.3	27
92	Mineral-controlled nm- μ m-scale pore structure of saline lacustrine shale in Qianjiang Depression, Jiangnan Basin, China. <i>Marine and Petroleum Geology</i> , 2019, 99, 347-354.	1.5	27
93	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.	1.5	27
94	Assessing field-scale migration of radionuclides at the Nevada Test Site: "mobile" species. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1617-1630.	0.9	26
95	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.	2.1	26
96	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.	2.1	26
97	Origin of over-pressure in clastic rocks in Yuanba area, northeast Sichuan Basin, China. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 30, 90-105.	2.1	23
98	Fluid distribution and gas adsorption behaviors in over-mature shales in southern China. <i>Marine and Petroleum Geology</i> , 2019, 109, 223-232.	1.5	23
99	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.	1.5	23
100	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
101	Pore connectivity characterization of shale using integrated wood's metal impregnation, microscopy, tomography, tracer mapping and porosimetry. <i>Fuel</i> , 2020, 259, 116248.	3.4	22
102	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.	1.5	22
103	A statistical method to detect ordering and phase separation by APFIM. <i>Ultramicroscopy</i> , 1998, 73, 279-285.	0.8	21
104	Comparative Investigations on Wettability of Typical Marine, Continental, and Transitional Shales in the Middle Yangtze Platform (China). <i>Energy & Fuels</i> , 2018, 32, 12187-12197.	2.5	21
105	Characterization of Closed Pores in Longmaxi Shale by Synchrotron Small-Angle X-ray Scattering. <i>Energy & Fuels</i> , 2021, 35, 6738-6754.	2.5	21
106	Non-connected pores of the Longmaxi shale in southern Sichuan Basin of China. <i>Marine and Petroleum Geology</i> , 2019, 110, 420-433.	1.5	20
107	Microfracture-pore structure characterization and water-rock interaction in three lithofacies of the Lower Eagle Ford Formation. <i>Engineering Geology</i> , 2021, 292, 106276.	2.9	20
108	Simultaneous analyses and applications of multiple fluorobenzoate and halide tracers in hydrologic studies. <i>Hydrological Processes</i> , 2005, 19, 2671-2687.	1.1	19

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109	Field tracer-transport tests in unsaturated fractured tuff. <i>Journal of Contaminant Hydrology</i> , 2001, 51, 1-12.	1.6	18
110	Solvent extraction efficiency of an Eocene-aged organic-rich lacustrine shale. <i>Marine and Petroleum Geology</i> , 2021, 126, 104941.	1.5	18
111	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.	3.0	18
112	Tracer Penetration into Welded Tuff Matrix from Flowing Fractures. <i>Vadose Zone Journal</i> , 2002, 1, 102-112.	1.3	17
113	Effects of Fe-rich acid mine drainage on percolation features and pore structure in carbonate rocks. <i>Journal of Hydrology</i> , 2020, 591, 125571.	2.3	17
114	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.	2.4	17
115	ARSENATE TOXICITY FOR WHEAT AND LETTUCE IN SIX CHINESE SOILS WITH DIFFERENT PROPERTIES. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1946.	2.2	16
116	KGÅ²B, a collaborative benchmarking exercise for estimating the permeability of the Grimsel granodiorite â€œ Part 1: measurements, pressure dependence and pore-fluid effects. <i>Geophysical Journal International</i> , 2018, 215, 799-824.	1.0	16
117	Clarifying pore diameter, pore width, and their relationship through pressure measurements: A critical study. <i>Marine and Petroleum Geology</i> , 2019, 107, 142-148.	1.5	16
118	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.	1.5	16
119	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.	0.7	15
120	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.	2.1	15
121	Pore Geometry Characteristics and Fluidâ€™Rock Interaction in the Haynesville Shale, East Texas, United States. <i>Energy & Fuels</i> , 2021, 35, 237-250.	2.5	15
122	GAS DIFFUSIVITY IN POROUS MEDIA: DETERMINATION BY MERCURY INTRUSION POROSIMETRY AND CORRELATION TO POROSITY AND PERMEABILITY. <i>Journal of Porous Media</i> , 2013, 16, 607-617.	1.0	15
123	Characterizing the contribution of diffusive mass transfer to solute transport in sedimentary aquifer systems at laboratory and field scales. <i>Journal of Hydrology</i> , 2003, 276, 275-286.	2.3	14
124	Unsaturated flow and transport through a fault embedded in fractured welded tuff. <i>Water Resources Research</i> , 2004, 40, .	1.7	14
125	Contamination investigation and risk assessment of molybdenum on an industrial site in China. <i>Journal of Geochemical Exploration</i> , 2014, 144, 273-281.	1.5	14
126	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.	1.5	14

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127	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.	1.5	14
128	Application of Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry to studies of chemical diffusion, sorption, and transport in natural rock. <i>Geochemical Journal</i> , 2012, 46, 459-475.	0.5	13
129	Evolution of Shale Microstructure under in Situ Heat Treatment: Synchrotron Small-Angle X-ray Scattering. <i>Energy & Fuels</i> , 2021, 35, 4345-4357.	2.5	13
130	Petrophysical Characteristics of Silurian Mudstones from Central Taurides in Southern Turkey. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 778-798.	1.1	13
131	INVESTIGATING THE EFFECT OF MEDIAN PORE-THROAT DIAMETER ON SPONTANEOUS IMBIBITION. <i>Journal of Porous Media</i> , 2015, 18, 1231-1238.	1.0	13
132	Distribution of ⁹⁹ Tc and ¹²⁹ I in the vicinity of underground nuclear tests at the Nevada Test Site. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 276, 755-761.	0.7	12
133	Geochemical Cycling of Iodine Species in Soils. , 2009, , 93-105.		12
134	Uranium release from different size fractions of sediments in Hanford 300 area, Washington, USA. <i>Journal of Environmental Radioactivity</i> , 2012, 107, 92-94.	0.9	12
135	Fractionation and speciation of arsenic in fresh and combusted coal wastes from Yangquan, northern China. <i>Environmental Geochemistry and Health</i> , 2012, 34, 113-122.	1.8	12
136	Quantifying Fluid-Wettable Effective Pore Space in the Utica and Bakken Oil Shale Formations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087896.	1.5	12
137	Radionuclide transport in fractured granite interface zones. <i>Physics and Chemistry of the Earth</i> , 2008, 33, 1042-1049.	1.2	11
138	Modeling intragranular diffusion in low-connectivity granular media. <i>Water Resources Research</i> , 2012, 48, .	1.7	11
139	Grain-Size Based Additivity Models for Scaling Multi-rate Uranyl Surface Complexation in Subsurface Sediments. <i>Mathematical Geosciences</i> , 2016, 48, 511-535.	1.4	11
140	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.	1.6	11
141	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.	2.1	11
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