

Qin Yong

List of Publications by Year in descending order

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111
papers

2,946
citations

186265
28
h-index

214800
47
g-index

112
all docs

112
docs citations

112
times ranked

1481
citing authors

#	ARTICLE	IF	CITATIONS
1	Microporous structure and gas adsorption model of fusain in lignite. <i>Fuel</i> , 2022, 309, 122186.	6.4	5
2	HRTEM observation of morphological and structural evolution of aromatic fringes during the transition from coal to graphite. <i>Carbon</i> , 2022, 187, 133-144.	10.3	20
3	Influence of reservoir properties on gas occurrence and fractal features of transitional shale from the Linxing area, Ordos Basin, China. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	1
4	Effect of coalification and maceration on pore differential development characteristics of high-volatile bituminous coal. <i>Fuel</i> , 2022, 318, 123634.	6.4	9
5	Selenium Migration Mode in Coal Seams: Insights from Multivariate Analysis, Leaching Investigation, and Modelling. <i>International Journal of Chemical Engineering</i> , 2022, 2022, 1-14.	2.4	1
6	Stress Distribution in the Upper Shihezi Formation from 1D Mechanical Earth Model and 3D Heterogeneous Geomechanical Model, Linxing Region, Eastern Ordos Basin, Central China. <i>Acta Geologica Sinica</i> , 2021, 95, 976-987.	1.4	2
7	SARS-CoV-2 presented in the air of an intensive care unit (ICU). <i>Sustainable Cities and Society</i> , 2021, 65, 102446.	10.4	54
8	Differentiation of Carbon Isotope Composition and Stratabound Mechanism of Gas Desorption in Shallow-Buried Low-Rank Multiple Coal Seams: Case Study of Well DE-A, Northeast Inner Mongolia. <i>Natural Resources Research</i> , 2021, 30, 1511-1526.	4.7	7
9	Coal Petrology Effect on Nanopore Structure of Lignite: Case Study of No. 5 Coal Seam, Shengli Coalfield, Erlan Basin, China. <i>Natural Resources Research</i> , 2021, 30, 681-695.	4.7	8
10	Ionic composition, geological signature and environmental impacts of coalbed methane produced water in China. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2021, 43, 1259-1273.	2.3	21
11	Multi-Angle Investigation of the Fractal Characteristics of Nanoscale Pores in the Lower Cambrian Niutitang Shale and Their Implications for CH ₄ Adsorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 156-167.	0.9	8
12	Geochemical characteristics of the Upper Paleozoic coal series shale in the Linxing area, Ordos Basin, China: implications for paleoenvironment, provenance, and tectonic setting. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	4
13	Evaluation of Coal Body Structures and Their Distributions by Geophysical Logging Methods: Case Study in the Laochang Block, Eastern Yunnan, China. <i>Natural Resources Research</i> , 2021, 30, 2225-2239.	4.7	32
14	In-situ stress and permeability causality model of a low-rank coalbed methane reservoir in southwestern Ordos Basin, China. <i>Petroleum Science and Technology</i> , 2021, 39, 196-215.	1.5	7
15	Differential graphitization of organic matter in coal: Some new understandings from reflectance evolution of meta-anthracite macerals. <i>International Journal of Coal Geology</i> , 2021, 240, 103747.	5.0	18
16	Distribution Characteristics of In Situ Stress Field and Vertical Development Unit Division of CBM in Western Guizhou, China. <i>Natural Resources Research</i> , 2021, 30, 3659-3671.	4.7	19
17	Pore structure, adsorptivity and influencing factors of high-volatile bituminous coal rich in inertinite. <i>Fuel</i> , 2021, 293, 120418.	6.4	21
18	Comparative analysis of the pore structure of fusain in lignite and high-volatile bituminous coal. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 90, 103955.	4.4	8

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19	A numerical investigation of gas flow behavior in two-layered coal seams considering interlayer interference and heterogeneity. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 699-716.	10.3	25
20	Contribution and Coupling Effect of Adsorption on Clay Minerals and Organic Matter in the Early Diagenetic Stage of Coal Measures. <i>Natural Resources Research</i> , 2021, 30, 4477-4491.	4.7	1
21	Physical simulation and compatibility evaluation of multi-seam CBM co-production: Implications for the development of stacked CBM systems. <i>Journal of Petroleum Science and Engineering</i> , 2021, 204, 108702.	4.2	22
22	Distribution of radioactive elements (Th, U) and formation mechanism of the bottom of the Lopingian (Late Permian) coal-bearing series in western Guizhou, SW China. <i>Journal of Petroleum Science and Engineering</i> , 2021, 205, 108779.	4.2	6
23	Genetic Mechanism and Environment Implications of Siderites in the Lopingian Coal-Bearing Series, Western Guizhou of China: Constrained by Whole-Rock and In Situ Geochemistry. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	2
24	Organic Geochemical and Petrographic Characteristics of the Coal Measure Source Rocks of Pinghu Formation in the Xihu Sag of the East China Sea Shelf Basin: Implications for Coal Measure Gas Potential. <i>Acta Geologica Sinica</i> , 2020, 94, 364-375.	1.4	17
25	Pore Structure and Permeability Characterization of High-Rank Coal Reservoirs: A Case of the Bide-Santang Basin, Western Guizhou, South China. <i>Acta Geologica Sinica</i> , 2020, 94, 243-252.	1.4	9
26	Prediction of geotemperatures in coal-bearing strata and implications for coal bed methane accumulation in the Bide-Santang basin, western Guizhou, China. <i>International Journal of Mining Science and Technology</i> , 2020, 30, 235-242.	10.3	14
27	Influence of lamprophyre sills on coal metamorphism, coalbed gas composition and coalbed gas occurrence in the Tongxin Minefield, Datong Coalfield, China. <i>International Journal of Coal Geology</i> , 2020, 217, 103286.	5.0	17
28	Petrogenesis of post-collisional magmatism at the Carboniferous-Permian boundary in central Inner Mongolia, NE China: insights into when the Hegenshan Ocean closed?. <i>International Geology Review</i> , 2020, 62, 2013-2038.	2.1	5
29	Geochemical identification of the source and environment of produced water from CBM wells and its productivity significance: examples from typical CBM wells in eastern Yunnan and western Guizhou. <i>Geosciences Journal</i> , 2020, 24, 459-473.	1.2	2
30	Differences in CH ₄ and C ₂ H ₆ carbon isotopic compositions from open and closed pores in coal: Implications for understanding the two-stage ¹³ C shift during canister desorption. <i>International Journal of Coal Geology</i> , 2020, 230, 103586.	5.0	17
31	Relationship between Thermal Conductivity and Chemical Structures of Chinese Coals. <i>ACS Omega</i> , 2020, 5, 18424-18431.	3.5	10
32	Characteristics of dissolved inorganic carbon in produced water from coalbed methane wells and its geological significance. <i>Petroleum Exploration and Development</i> , 2020, 47, 1074-1083.	7.0	13
33	Pore structure response of sedimentary cycle in coal-bearing strata and implications for independent superposed coalbed methane systems. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, , 1-20.	2.3	5
34	Pore Structure Characteristics of Coal and Their Geological Controlling Factors in Eastern Yunnan and Western Guizhou, China. <i>ACS Omega</i> , 2020, 5, 19565-19578.	3.5	34
35	Spatio-Temporal Validation of AIRS CO ₂ Observations Using GAW, HIPPO and TCCON. <i>Remote Sensing</i> , 2020, 12, 3583.	4.0	4
36	Early Carboniferous black mudstones in the Nujiang Suture Zone in northeast Tibet: implication on paleoenvironment. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	1

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37	Hydrogeological control and productivity modes of coalbed methane commingled production in multi-seam areas: A case study of the Bide-Santang Basin, western Guizhou, South China. <i>Journal of Petroleum Science and Engineering</i> , 2020, 189, 107039.	4.2	31
38	Prediction of high-quality coalbed methane reservoirs based on the fuzzy gray model: An investigation into coal seam No. 8 in Gujiao, Xishan, North China. <i>Energy Exploration and Exploitation</i> , 2020, 38, 1054-1081.	2.3	8
39	Cyclic Characteristics of the Physical Properties of Key Strata in CBM Systems Controlled by Sequence Stratigraphy—An Example from the Gujiao Block. <i>Acta Geologica Sinica</i> , 2020, 94, 444-455.	1.4	2
40	Ion composition of produced water from coalbed methane wells in western Guizhou, China, and associated productivity response. <i>Fuel</i> , 2020, 265, 116939.	6.4	12
41	The origin of high and variable concentrations of heavy hydrocarbon gases in coal from the Enhong syncline of Yunnan, China. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 76, 103217.	4.4	7
42	Experimental Research on Dynamic Variation of Permeability and Porosity of Low-Rank Inert-Rich Coal Under Stresses. <i>ACS Omega</i> , 2020, 5, 28124-28135.	3.5	16
43	Maceral Contribution to Pore Size Distribution in Anthracite in the South Qinshui Basin. <i>Energy & Fuels</i> , 2019, 33, 7234-7243.	5.1	22
44	Porosity changes in bituminous and anthracite coal with ultrasonic treatment. <i>Fuel</i> , 2019, 255, 115739.	6.4	31
45	Data on trace element concentrations in coal and host rock and leaching product in different pH values and open/closed environments. <i>Data in Brief</i> , 2019, 25, 104053.	1.0	3
46	Segmentation of multi-coal seam pore structure in single well profile and its sedimentary control: a case study of Well Y1 in Panguan syncline, western Guizhou, China. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	9
47	Development unit division and favorable area evaluation for joint mining coalbed methane. <i>Petroleum Exploration and Development</i> , 2019, 46, 583-593.	7.0	31
48	A New Method To Determine Wettability of Tight Sandstone: Water Imbibition Evaporation Rate Ratio Measurements. <i>Energy & Fuels</i> , 2019, 33, 1998-2007.	5.1	5
49	The pore structure of the transitional shale in the Taiyuan formation, Linxing area, Ordos Basin. <i>Journal of Petroleum Science and Engineering</i> , 2019, 181, 106183.	4.2	20
50	Sealing capacity of siderite-bearing strata: The effect of pore dimension on abundance and micromorphology type of siderite in the Lopingian (Late Permian) coal-bearing strata, western Guizhou province. <i>Journal of Petroleum Science and Engineering</i> , 2019, 178, 180-192.	4.2	10
51	Geochemical response of produced water in the CBM well group with multiple coal seams and its geological significance—A case study of the Songhe well group in Western Guizhou. <i>International Journal of Coal Geology</i> , 2019, 207, 39-51.	5.0	33
52	Geochemical characteristics of tight sandstone gas and hydrocarbon charging history of Linxing area in Ordos Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2019, 177, 198-207.	4.2	32
53	Selective separation of copper and nickel ions from aqueous solutions containing calcium by emulsion liquid membranes using central composite design. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 1881-1893.	1.7	11
54	Fractal characterization of pore structure for coal macrolithotypes in the Hancheng area, southeastern Ordos Basin, China. <i>Journal of Petroleum Science and Engineering</i> , 2019, 178, 666-677.	4.2	32

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55	Effects of Pore Structures of Different Maceral Compositions on Methane Adsorption and Diffusion in Anthracite. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5130.	2.5	20
56	Experimental study on water sensitivity and salt sensitivity of lignite reservoir under different pH. <i>Journal of Petroleum Science and Engineering</i> , 2019, 172, 1202-1214.	4.2	28
57	The present-day in-situ stress field within coalbed methane reservoirs, Yuwang Block, Laochang Basin, south China. <i>Marine and Petroleum Geology</i> , 2019, 102, 61-73.	3.3	38
58	Physical experiments of CBM coproduction: A case study in Laochang district, Yunnan province, China. <i>Fuel</i> , 2019, 239, 964-981.	6.4	32
59	Experimental investigation into the relative permeability of gas and water in low-rank coal. <i>Journal of Petroleum Science and Engineering</i> , 2019, 175, 303-316.	4.2	47
60	Analysis of multi-coalbed CBM development methods in western Guizhou, China. <i>Geosciences Journal</i> , 2019, 23, 315-325.	1.2	14
61	In-situ stress distribution and coalbed methane reservoir permeability in the Linxing area, eastern Ordos Basin, China. <i>Frontiers of Earth Science</i> , 2018, 12, 545-554.	2.1	26
62	Poroperm characteristics of high-rank coals from Southern Qinshui Basin by mercury intrusion, SEM-EDS, nuclear magnetic resonance and relative permeability analysis. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 51, 116-128.	4.4	41
63	Porosity changes in progressively pulverized anthracite subsamples: Implications for the study of closed pore distribution in coals. <i>Fuel</i> , 2018, 225, 612-622.	6.4	96
64	Coalbed methane system potential evaluation and favourable area prediction of Gujiao blocks, Xishan coalfield, based on multi-level fuzzy mathematical analysis. <i>Journal of Petroleum Science and Engineering</i> , 2018, 160, 136-151.	4.2	34
65	Resources and geology of coalbed methane in China: a review. <i>International Geology Review</i> , 2018, 60, 777-812.	2.1	270
66	Optimization methods of production layer combination for coalbed methane development in multi-coal seams. <i>Petroleum Exploration and Development</i> , 2018, 45, 312-320.	7.0	79
67	The Spatial Distribution of CBM Systems under the Control of Structure and Sedimentation: The Gujiao Block as an Example. <i>Journal of the Geological Society of India</i> , 2018, 92, 721-731.	1.1	2
68	Evaluation of Nanoscale Accessible Pore Structures for Improved Prediction of Gas Production Potential in Chinese Marine Shales. <i>Energy & Fuels</i> , 2018, 32, 12447-12461.	5.1	24
69	The effect of sedimentary microfacies on wettability of tight sandstone in coal-bearing strata: a case from Ordos Basin, China. <i>Petroleum Science and Technology</i> , 2018, 36, 1958-1967.	1.5	2
70	Characteristics of Hydrogen and Oxygen Isotopes in Produced Water and Productivity Response of Coalbed Methane Wells in Western Guizhou. <i>Energy & Fuels</i> , 2018, 32, 11203-11211.	5.1	18
71	Terrestrial heat flow and geothermal field characteristics in the Bide-Santang basin, western Guizhou, South China. <i>Energy Exploration and Exploitation</i> , 2018, 36, 1114-1135.	2.3	11
72	A preliminary investigation on water quality of coalbed natural gas produced water for beneficial uses: a case study in the Southern Qinshui Basin, North China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21589-21604.	5.3	10

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73	Dynamic-Change Laws of the Porosity and Permeability of Low- to Medium-Rank Coals under Heating and Pressurization Treatments in the Eastern Junggar Basin, China. <i>Journal of Earth Science (Wuhan)</i> , 2018, 31, 103-114.	1.0	8
74	Hydrogeochemistry characteristics of produced waters from CBM wells in Southern Qinshui Basin and implications for CBM commingled development. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 56, 428-443.	4.4	59
75	In situ stress field in the FZ Block of Qinshui Basin, China: Implications for the permeability and coalbed methane production. <i>Journal of Petroleum Science and Engineering</i> , 2018, 170, 744-754.	4.2	20
76	Formation Environment of Main Brown Coal Seam in Xi-2 Minefield of Shengli Coalfield Based on Coal Ash Phase Analysis. <i>Journal of the Geological Society of India</i> , 2018, 92, 111-119.	1.1	2
77	Control of coal facies to adsorption-desorption divergence of coals: A case from the Xiqu Drainage Area, Gujiao CBM Block, North China. <i>International Journal of Coal Geology</i> , 2017, 171, 169-184.	5.0	31
78	Geochemical characteristics of water produced from CBM wells and implications for commingling CBM production: A case study of the Bide-Santang Basin, western Guizhou, China. <i>Journal of Petroleum Science and Engineering</i> , 2017, 159, 666-678.	4.2	54
79	Interlayer interference analysis based on trace elements in water produced from coalbed methane wells: a case study of the Upper Permian coal-bearing strata, Bide-Santang Basin, western Guizhou, China. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	1.3	23
80	Sedimentary control on the formation of a multi-superimposed gas system in the development of key layers in the sequence framework. <i>Marine and Petroleum Geology</i> , 2017, 88, 268-281.	3.3	40
81	Evaluation of favorable regions for multi-seam coalbed methane joint exploitation based on a fuzzy model: A case study in southern Qinshui Basin, China. <i>Energy Exploration and Exploitation</i> , 2016, 34, 400-417.	2.3	19
82	Characteristics and sedimentary control of a coalbed methane-bearing system in lopingian (late) T ₂ ETQ ₀ O ₀ rgBT /Overlock 10 Tf 50 3 Engineering, 2016, 33, 8-17.	4.4	53
83	Hydrocarbon evolution during pyrolysis of source rocks of Yacheng coal formation from the Yanan depression in the South China Sea. <i>Petroleum Science and Technology</i> , 2016, 34, 601-608.	1.5	3
84	Investigation on coal seam gas formation of multi-coalbed reservoir in Bide-Santang Basin Southwest China. <i>Arabian Journal of Geosciences</i> , 2015, 8, 5439-5448.	1.3	31
85	The division and geologic controlling factors of a vertical superimposed coalbed methane system in the northern Gujiao blocks, China. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 24, 379-389.	4.4	43
86	Multi-layer superposed coalbed methane system in southern Qinshui Basin, Shanxi Province, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2015, 26, 391-398.	3.2	29
87	Study of high-pressure sorption of methane on Chinese coals of different rank. <i>Arabian Journal of Geosciences</i> , 2015, 8, 3451-3460.	1.3	17
88	Effective migration system of coalbed methane reservoirs in the southern Qinshui Basin. <i>Science China Earth Sciences</i> , 2014, 57, 2978-2984.	5.2	11
89	Enhanced methane hydrate storage using sodium dodecyl sulfate and coal. <i>Environmental Chemistry Letters</i> , 2014, 12, 341-346.	16.2	8
90	Numerical description of coalbed methane desorption stages based on isothermal adsorption experiment. <i>Science China Earth Sciences</i> , 2013, 56, 1029-1036.	5.2	30

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91	Vertical Diversity of Coalbed Methane Content and its Geological Controls in the Qingshan Syncline, Western Guizhou Province, China. <i>Energy Exploration and Exploitation</i> , 2012, 30, 43-57.	2.3	13
92	Abnormal concentration and origin of heavy hydrocarbon in upper permian coal seams from Enhong syncline, Yunnan, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2012, 23, 842-853.	3.2	6
93	Relative permeabilities of gas and water for different rank coals. <i>International Journal of Coal Geology</i> , 2011, 86, 266-275.	5.0	95
94	Adsorption characteristics of lignite in China. <i>Journal of Earth Science (Wuhan, China)</i> , 2011, 22, 371-376.	3.2	19
95	Distribution, occurrence and enrichment causes of gallium in coals from the Jungar Coalfield, Inner Mongolia. <i>Science China Earth Sciences</i> , 2011, 54, 1053-1068.	5.2	48
96	Numerical simulation of coalbed methane generation, dissipation and retention in SE edge of Ordos Basin, China. <i>International Journal of Coal Geology</i> , 2010, 82, 147-159.	5.0	53
97	Hydrocarbon Generation Evolution of Permo-Carboniferous Rocks of the Bohai Bay Basin in China. <i>Acta Geologica Sinica</i> , 2010, 84, 370-381.	1.4	17
98	Evaluation of coal structure and permeability with the aid of geophysical logging technology. <i>Fuel</i> , 2009, 88, 2278-2285.	6.4	132
99	Evaluation of gas content of coalbed methane reservoirs with the aid of geophysical logging technology. <i>Fuel</i> , 2009, 88, 2269-2277.	6.4	87
100	CBM geology and exploring-developing stratagem in Guizhou Province, China. <i>Procedia Earth and Planetary Science</i> , 2009, 1, 882-887.	0.6	23
101	Mechanism of CO ₂ enhanced CBM recovery in China: a review. <i>Mining Science and Technology</i> , 2008, 18, 406-412.	0.8	22
102	Distribution Characteristics of Sulfur and the Main Harmful Trace Elements in China's Coal. <i>Acta Geologica Sinica</i> , 2008, 82, 722-730.	1.4	11
103	Simulation study on evolution of coalbed methane reservoir in Qinshui basin, China. <i>International Journal of Coal Geology</i> , 2007, 72, 53-69.	5.0	79
104	Matter Composition and Two Stage Evolution of a Liangshan Super High-Sulfur Coal Seam in Kaili, Eastern Guizhou. <i>Mining Science and Technology</i> , 2007, 17, 158-163.	0.8	3
105	Stratum energy of coal-bed gas reservoir and their control on the coal-bed gas reservoir formation. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 1319-1326.	0.9	13
106	Spatial distribution of metals in urban topsoils of Xuzhou (China): controlling factors and environmental implications. <i>Environmental Geology</i> , 2006, 49, 905-914.	1.2	53
107	Accumulation and sources of heavy metals in urban topsoils: a case study from the city of Xuzhou, China. <i>Environmental Geology</i> , 2005, 48, 101-107.	1.2	108
108	Fractal classification and natural classification of coal pore structure based on migration of coal bed methane. <i>Science Bulletin</i> , 2005, 50, 66-71.	1.7	71

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109	Self-adjusted elastic action and its CBM pool-forming effect of the high rank coal reservoir. Science Bulletin, 2005, 50, 99-103.	1.7	15
110	The evidence of fission-track data for the study of tectonic thermal history in Qinshui Basin. Science Bulletin, 2005, 50, 104-110.	1.7	29
111	Remote Sensing Monitoring Model and Method of Methane Emission in Coal Mine Area. Advanced Materials Research, 0, 462, 631-634.	0.3	2