Qin Yong

List of Publications by Year in descending order

		186265	214800
111	2,946	28	47
papers	citations	h-index	g-index

112	112	112	1481
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resources and geology of coalbed methane in China: a review. International Geology Review, 2018, 60, 777-812.	2.1	270
2	Evaluation of coal structure and permeability with the aid of geophysical logging technology. Fuel, 2009, 88, 2278-2285.	6.4	132
3	Accumulation and sources of heavy metals in urban topsoils: a case study from the city of Xuzhou, China. Environmental Geology, 2005, 48, 101-107.	1.2	108
4	Porosity changes in progressively pulverized anthracite subsamples: Implications for the study of closed pore distribution in coals. Fuel, 2018, 225, 612-622.	6.4	96
5	Relative permeabilities of gas and water for different rank coals. International Journal of Coal Geology, 2011, 86, 266-275.	5.0	95
6	Evaluation of gas content of coalbed methane reservoirs with the aid of geophysical logging technology. Fuel, 2009, 88, 2269-2277.	6.4	87
7	Simulation study on evolution of coalbed methane reservoir in Qinshui basin, China. International Journal of Coal Geology, 2007, 72, 53-69.	5.0	79
8	Optimization methods of production layer combination for coalbed methane development in multi-coal seams. Petroleum Exploration and Development, 2018, 45, 312-320.	7.0	79
9	Fractal classification and natural classification of coal pore structure based on migration of coal bed methane. Science Bulletin, 2005, 50, 66-71.	1.7	71
10	Hydrogeochemistry characteristics of produced waters from CBM wells in Southern Qinshui Basin and implications for CBM commingled development. Journal of Natural Gas Science and Engineering, 2018, 56, 428-443.	4.4	59
11	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. Journal of Petroleum Science and Engineering, 2017, 159, 666-678.	4.2	54
12	SARS-CoV-2 presented in the air of an intensive care unit (ICU). Sustainable Cities and Society, 2021, 65, 102446.	10.4	54
13	Spatial distribution of metals in urban topsoils of Xuzhou (China): controlling factors and environmental implications. Environmental Geology, 2006, 49, 905-914.	1.2	53
14	Numerical simulation of coalbed methane generation, dissipation and retention in SE edge of Ordos Basin, China. International Journal of Coal Geology, 2010, 82, 147-159.	5.0	53
15	Characteristics and sedimentary control of a coalbed methane-bearing system in lopingian (late) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Engineering, 2016, 33, 8-17.	4.4	53
16	Distribution, occurrence and enrichment causes of gallium in coals from the Jungar Coalfield, Inner Mongolia. Science China Earth Sciences, 2011, 54, 1053-1068.	5.2	48
17	Experimental investigation into the relative permeability of gas and water in low-rank coal. Journal of Petroleum Science and Engineering, 2019, 175, 303-316.	4.2	47
18	The division and geologic controlling factors of a vertical superimposed coalbed methane system in the northern Gujiao blocks, China. Journal of Natural Gas Science and Engineering, 2015, 24, 379-389.	4.4	43

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19	Poroperm characteristics of high-rank coals from Southern Qinshui Basin by mercury intrusion, SEM-EDS, nuclear magnetic resonance and relative permeability analysis. Journal of Natural Gas Science and Engineering, 2018, 51, 116-128.	4.4	41
20	Sedimentary control on the formation of a multi-superimposed gas system in the development of key layers in the sequence framework. Marine and Petroleum Geology, 2017, 88, 268-281.	3.3	40
21	The present-day in-situ stress field within coalbed methane reservoirs, Yuwang Block, Laochang Basin, south China. Marine and Petroleum Geology, 2019, 102, 61-73.	3.3	38
22	Coalbed methane system potential evaluation and favourable area prediction of Gujiao blocks, Xishan coalfield, based on multi-level fuzzy mathematical analysis. Journal of Petroleum Science and Engineering, 2018, 160, 136-151.	4.2	34
23	Pore Structure Characteristics of Coal and Their Geological Controlling Factors in Eastern Yunnan and Western Guizhou, China. ACS Omega, 2020, 5, 19565-19578.	3.5	34
24	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. International Journal of Coal Geology, 2019, 207, 39-51.	5.0	33
25	Geochemical characteristics of tight sandstone gas and hydrocarbon charging history of Linxing area in Ordos Basin, China. Journal of Petroleum Science and Engineering, 2019, 177, 198-207.	4.2	32
26	Fractal characterization of pore structure for coal macrolithotypes in the Hancheng area, southeastern Ordos Basin, China. Journal of Petroleum Science and Engineering, 2019, 178, 666-677.	4.2	32
27	Physical experiments of CBM coproduction: A case study in Laochang district, Yunnan province, China. Fuel, 2019, 239, 964-981.	6.4	32
28	Evaluation of Coal Body Structures and Their Distributions by Geophysical Logging Methods: Case Study in the Laochang Block, Eastern Yunnan, China. Natural Resources Research, 2021, 30, 2225-2239.	4.7	32
29	Investigation on coal seam gas formation of multi-coalbed reservoir in Bide-Santang Basin Southwest China. Arabian Journal of Geosciences, 2015, 8, 5439-5448.	1.3	31
30	Control of coal facies to adsorption-desorption divergence of coals: A case from the Xiqu Drainage Area, Gujiao CBM Block, North China. International Journal of Coal Geology, 2017, 171, 169-184.	5.0	31
31	Porosity changes in bituminous and anthracite coal with ultrasonic treatment. Fuel, 2019, 255, 115739.	6.4	31
32	Development unit division and favorable area evaluation for joint mining coalbed methane. Petroleum Exploration and Development, 2019, 46, 583-593.	7.0	31
33	Hydrogeological control and productivity modes of coalbed methane commingled production in multi-seam areas: A case study of the Bideâ€“Santang Basin, western Guizhou, South China. Journal of Petroleum Science and Engineering, 2020, 189, 107039.	4.2	31
34	Numerical description of coalbed methane desorption stages based on isothermal adsorption experiment. Science China Earth Sciences, 2013, 56, 1029-1036.	5.2	30
35	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
36	Multi-layer superposed coalbed methane system in southern Qinshui Basin, Shanxi Province, China. Journal of Earth Science (Wuhan, China), 2015, 26, 391-398.	3.2	29

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37	Experimental study on water sensitivity and salt sensitivity of lignite reservoir under different pH. Journal of Petroleum Science and Engineering, 2019, 172, 1202-1214.	4.2	28
38	In-situ stress distribution and coalbed methane reservoir permeability in the Linxing area, eastern Ordos Basin, China. Frontiers of Earth Science, 2018, 12, 545-554.	2.1	26
39	A numerical investigation of gas flow behavior in two-layered coal seams considering interlayer interference and heterogeneity. International Journal of Mining Science and Technology, 2021, 31, 699-716.	10.3	25
40	Evaluation of Nanoscale Accessible Pore Structures for Improved Prediction of Gas Production Potential in Chinese Marine Shales. Energy & Fuels, 2018, 32, 12447-12461.	5.1	24
41	CBM geology and exploring-developing stratagem in Guizhou Province, China. Procedia Earth and Planetary Science, 2009, 1, 882-887.	0.6	23
42	Interlayer interference analysis based on trace elements in water produced from coalbed methane wells: a case study of the Upper Permian coal-bearing strata, Bideâ€“Santang Basin, western Guizhou, China. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	23
43	Mechanism of CO2 enhanced CBM recovery in China: a review. Mining Science and Technology, 2008, 18, 406-412.	0.8	22
44	Maceral Contribution to Pore Size Distribution in Anthracite in the South Qinshui Basin. Energy & Fuels, 2019, 33, 7234-7243.	5.1	22
45	Physical simulation and compatibility evaluation of multi-seam CBM co-production: Implications for the development of stacked CBM systems. Journal of Petroleum Science and Engineering, 2021, 204, 108702.	4.2	22
46	Ionic composition, geological signature and environmental impacts of coalbed methane produced water in China. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 1259-1273.	2.3	21
47	Pore structure, adsorptivity and influencing factors of high-volatile bituminous coal rich in inertinite. Fuel, 2021, 293, 120418.	6.4	21
48	In situ stress field in the FZ Block of Qinshui Basin,China: Implications for the permeability and coalbed methane production. Journal of Petroleum Science and Engineering, 2018, 170, 744-754.	4.2	20
49	The pore structure of the transitional shale in the Taiyuan formation, Linxing area, Ordos Basin. Journal of Petroleum Science and Engineering, 2019, 181, 106183.	4.2	20
50	Effects of Pore Structures of Different Maceral Compositions on Methane Adsorption and Diffusion in Anthracite. Applied Sciences (Switzerland), 2019, 9, 5130.	2.5	20
51	HRTEM observation of morphological and structural evolution of aromatic fringes during the transition from coal to graphite. Carbon, 2022, 187, 133-144.	10.3	20
52	Adsorption characteristics of lignite in China. Journal of Earth Science (Wuhan, China), 2011, 22, 371-376.	3.2	19
53	Evaluation of favorable regions for multi-seam coalbed methane joint exploitation based on a fuzzy model: A case study in southern Qinshui Basin, China. Energy Exploration and Exploitation, 2016, 34, 400-417.	2.3	19
54	Distribution Characteristics of In Situ Stress Field and Vertical Development Unit Division of CBM in Western Guizhou, China. Natural Resources Research, 2021, 30, 3659-3671.	4.7	19

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55	Characteristics of Hydrogen and Oxygen Isotopes in Produced Water and Productivity Response of Coalbed Methane Wells in Western Guizhou. Energy & Fuels, 2018, 32, 11203-11211.	5.1	18
56	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. Journal of Earth Science (Wuhan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.3	18
57	Differential graphitization of organic matter in coal: Some new understandings from reflectance evolution of meta-anthracite macerals. International Journal of Coal Geology, 2021, 240, 103747.	5.0	18
58	Hydrocarbon Generation Evolution of Permoâ€Carboniferous Rocks of the Bohai Bay Basin in China. Acta Geologica Sinica, 2010, 84, 370-381.	1.4	17
59	Study of high-pressure sorption of methane on Chinese coals of different rank. Arabian Journal of Geosciences, 2015, 8, 3451-3460.	1.3	17
60	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. Acta Geologica Sinica, 2020, 94, 364-375.	1.4	17
61	Influence of lamprophyre sills on coal metamorphism, coalbed gas composition and coalbed gas occurrence in the Tongxin Minefield, Datong Coalfield, China. International Journal of Coal Geology, 2020, 217, 103286.	5.0	17
62	Differences in CH4 and C2H6 carbon isotopic compositions from open and closed pores in coal: Implications for understanding the two-stage Î´13C shift during canister desorption. International Journal of Coal Geology, 2020, 230, 103586.	5.0	17
63	Experimental Research on Dynamic Variation of Permeability and Porosity of Low-Rank Inert-Rich Coal Under Stresses. ACS Omega, 2020, 5, 28124-28135.	3.5	16
64	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
65	Analysis of multi-coalbed CBM development methods in western Guizhou, China. Geosciences Journal, 2019, 23, 315-325.	1.2	14
66	Prediction of geotemperatures in coal-bearing strata and implications for coal bed methane accumulation in the Bide-Santang basin, western Guizhou, China. International Journal of Mining Science and Technology, 2020, 30, 235-242.	10.3	14
67	Stratum energy of coal-bed gas reservoir and their control on the coal-bed gas reservoir formation. Science in China Series D: Earth Sciences, 2007, 50, 1319-1326.	0.9	13
68	Vertical Diversity of Coalbed Methane Content and its Geological Controls in the Qingshan Syncline, Western Guizhou Province, China. Energy Exploration and Exploitation, 2012, 30, 43-57.	2.3	13
69	Characteristics of dissolved inorganic carbon in produced water from coalbed methane wells and its geological significance. Petroleum Exploration and Development, 2020, 47, 1074-1083.	7.0	13
70	Ion composition of produced water from coalbed methane wells in western Guizhou, China, and associated productivity response. Fuel, 2020, 265, 116939.	6.4	12
71	Distribution Characteristics of Sulfur and the Main Harmful Trace Elements in China's Coal. Acta Geologica Sinica, 2008, 82, 722-730.	1.4	11
72	Effective migration system of coalbed methane reservoirs in the southern Qinshui Basin. Science China Earth Sciences, 2014, 57, 2978-2984.	5.2	11

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73	Terrestrial heat flow and geothermal field characteristics in the Bide-Santang basin, western Guizhou, South China. Energy Exploration and Exploitation, 2018, 36, 1114-1135.	2.3	11
74	Selective separation of copper and nickel ions from aqueous solutions containing calcium by emulsion liquid membranes using central composite design. Canadian Journal of Chemical Engineering, 2019, 97, 1881-1893.	1.7	11
75	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. Environmental Science and Pollution Research, 2018, 25, 21589-21604.	5.3	10
76	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. Journal of Petroleum Science and Engineering, 2019, 178, 180-192.	4.2	10
77	Relationship between Thermal Conductivity and Chemical Structures of Chinese Coals. ACS Omega, 2020, 5, 18424-18431.	3.5	10
78	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. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	9
79	Pore Structure and Permeability Characterization of Highâ€rank Coal Reservoirs: A Case of the Bideâ€Santang Basin, Western Guizhou, South China. Acta Geologica Sinica, 2020, 94, 243-252.	1.4	9
80	Effect of coalification and maceration on pore differential development characteristics of high-volatile bituminous coal. Fuel, 2022, 318, 123634.	6.4	9
81	Enhanced methane hydrate storage using sodium dodecyl sulfate and coal. Environmental Chemistry Letters, 2014, 12, 341-346.	16.2	8
82	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. Energy Exploration and Exploitation, 2020, 38, 1054-1081.	2.3	8
83	Coal Petrology Effect on Nanopore Structure of Lignite: Case Study of No. 5 Coal Seam, Shengli Coalfield, Erlian Basin, China. Natural Resources Research, 2021, 30, 681-695.	4.7	8
84	Multi-Angle Investigation of the Fractal Characteristics of Nanoscale Pores in the Lower Cambrian Niutitang Shale and Their Implications for CH₄ Adsorption. Journal of Nanoscience and Nanotechnology, 2021, 21, 156-167.	0.9	8
85	Comparative analysis of the pore structure of fusain in lignite and high-volatile bituminous coal. Journal of Natural Gas Science and Engineering, 2021, 90, 103955.	4.4	8
86	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. Natural Resources Research, 2021, 30, 1511-1526.	4.7	7
87	In-situ stress and permeability causality model of a low-rank coalbed methane reservoir in southwestern Ordos Basin, China. Petroleum Science and Technology, 2021, 39, 196-215.	1.5	7
88	The origin of high and variable concentrations of heavy hydrocarbon gases in coal from the Enhong syncline of Yunnan, China. Journal of Natural Gas Science and Engineering, 2020, 76, 103217.	4.4	7
89	Abnormal concentration and origin of heavy hydrocarbon in upper permian coal seams from Enhong syncline, Yunnan, China. Journal of Earth Science (Wuhan, China), 2012, 23, 842-853.	3.2	6
90	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. Journal of Petroleum Science and Engineering, 2021, 205, 108779.	4.2	6

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91	A New Method To Determine Wettability of Tight Sandstone: Water Imbibition Evaporation Rate Ratio Measurements. Energy & Fuels, 2019, 33, 1998-2007.	5.1	5
92	Petrogenesis of post-collisional magmatism at the Carboniferousâ€“Permian boundary in central Inner Mongolia, NE China: insights into when the Hegenshan Ocean closed?. International Geology Review, 2020, 62, 2013-2038.	2.1	5
93	Pore structure response of sedimentary cycle in coal-bearing strata and implications for independent superposed coalbed methane systems. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-20.	2.3	5
94	Microporous structure and gas adsorption model of fusain in lignite. Fuel, 2022, 309, 122186.	6.4	5
95	Spatio-Temporal Validation of AIRS CO2 Observations Using GAW, HIPPO and TCCON. Remote Sensing, 2020, 12, 3583.	4.0	4
96	Geochemical characteristics of the Upper Paleozoic coal series shale in the Linxing area, Ordos Basin, China: implications for paleoenvironment, provenance, and tectonic setting. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	4
97	Matter Composition and Two Stage Evolution of a Liangshan Super High-Sulfur Coal Seam in Kaili, Eastern Guizhou. Mining Science and Technology, 2007, 17, 158-163.	0.8	3
98	Hydrocarbon evolution during pyrolysis of source rocks of Yacheng coal formation from the Yanan depression in the South China Sea. Petroleum Science and Technology, 2016, 34, 601-608.	1.5	3
99	Data on trace element concentrations in coal and host rock and leaching product in different pH values and open/closed environments. Data in Brief, 2019, 25, 104053.	1.0	3
100	Remote Sensing Monitoring Model and Method of Methane Emission in Coal Mine Area. Advanced Materials Research, 0, 462, 631-634.	0.3	2
101	The Spatial Distribution of CBM Systems under the Control of Structure and Sedimentation: The Gujiao Block as an Example. Journal of the Geological Society of India, 2018, 92, 721-731.	1.1	2
102	The effect of sedimentary microfacies on wettability of tight sandstone in coal-bearing strata: a case from Ordos Basin, China. Petroleum Science and Technology, 2018, 36, 1958-1967.	1.5	2
103	Formation Environment of Main Brown Coal Seam in Xi-2 Minefield of Shengli Coalfield Based on Coal Ash Phase Analysis. Journal of the Geological Society of India, 2018, 92, 111-119.	1.1	2
104	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. Geosciences Journal, 2020, 24, 459-473.	1.2	2
105	Cyclic Characteristics of the Physical Properties of Key Strata in CBM Systems Controlled by Sequence Stratigraphyâ€”An Example from the Gujiao Block. Acta Geologica Sinica, 2020, 94, 444-455.	1.4	2
106	Stress Distribution in the Upper Shihezi Formation from 1D Mechanical Earth Model and 3D Heterogeneous Geomechanical Model, Linxing Region, Eastern Ordos Basin, Central China. Acta Geologica Sinica, 2021, 95, 976-987.	1.4	2
107	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. Frontiers in Earth Science, 2021, 9, .	1.8	2
108	Early Carboniferous black mudstones in the Nujiang Suture Zone in northeast Tibet: implication on paleoenvironment. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	1

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109	Contribution and Coupling Effect of Adsorption on Clay Minerals and Organic Matter in the Early Diagenetic Stage of Coal Measures. Natural Resources Research, 2021, 30, 4477-4491.	4.7	1
110	Influence of reservoir properties on gas occurrence and fractal features of transitional shale from the Linxing area, Ordos Basin, China. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	1
111	Selenium Migration Mode in Coal Seams: Insights from Multivariate Analysis, Leaching Investigation, and Modelling. International Journal of Chemical Engineering, 2022, 2022, 1-14.	2.4	1