Jianliang Wang

List of Publications by Year
in descending order

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60	2,129	257450	233421
papers	citations	24 h-index	45 g-index

62	62	62	1974
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shale gas development and regional economic growth: Evidence from Fuling, China. Energy, 2022, 239, 122254.	8.8	21
2	How should water resources be allocated for shale gas development? An exploratory study in China. Sustainable Production and Consumption, 2022, 30, 1001-1018.	11.0	3
3	Scenario simulations of China's natural gas consumption under the dual-carbon target. Energy, 2022, 252, 124106.	8.8	29
4	What is the short-term outlook for the EUâ€™s natural gas demand? Individual differences and general trends based on monthly forecasts. Environmental Science and Pollution Research, 2022, 29, 78069-78091.	5.3	6
5	Predicting monthly natural gas production in China using a novel grey seasonal model with particle swarm optimization. Energy, 2021, 215, 119118.	8.8	44
6	Environmental impacts from conventional and shale gas and oil development in China considering regional differences and well depth. Resources, Conservation and Recycling, 2021, 167, 105368.	10.8	17
7	A gameâ€theory analysis of the subsidy withdrawal policy for China's photovoltaic power generation industry. IET Renewable Power Generation, 2021, 15, 3014-3024.	3.1	6
8	Water scarcity footprint assessment for China's shale gas development. The Extractive Industries and Society, 2021, 8, 100892.	1.2	3
9	Projecting the global impact of fossil fuel production from the Former Soviet Union. International Journal of Coal Science and Technology, 2021, 8, 1208-1226.	6.0	7
10	A Review of Environmental Risks in Shale Gas Development. Springer Briefs in Geography, 2021, , 19-42.	0.2	0
11	Assessment of GHG Emissions from Shale Gas Development. Springer Briefs in Geography, 2021, , 67-80.	0.2	0
12	A Comprehensive Net Energy Analysis and Outlook of Energy System in China. Biophysical Economics and Sustainability, 2021, 6, 1.	1.4	0
13	Evaluation of the onshore wind energy potential in mainland Chinaâ€"Based on GIS modeling and EROI analysis. Resources, Conservation and Recycling, 2020, 152, 104484.	10.8	48
14	Integrated operation for the planning of CO2 capture path in CCSâ€"EOR project. Journal of Petroleum Science and Engineering, 2020, 186, 106720.	4.2	26
15	Influencing factors and future trends of natural gas demand in the eastern, central and western areas of China based on the grey model. Natural Gas Industry B, 2020, 7, 473-483.	3.4	12
16	Extended-exergy based energy return on investment method and its application to shale gas extraction in China. Journal of Cleaner Production, 2020, 260, 120933.	9.3	16
17	Modelling world natural gas production. Energy Reports, 2020, 6, 1363-1372.	5.1	17
18	The Resource-Limited Plateau in Global Conventional Oil Production: Analysis and Consequences. Biophysical Economics and Sustainability, 2020, 5, 1.	1.4	7

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19	The Availability of Critical Minerals for Chinaâ€™s Renewable Energy Development: An Analysis of Physical Supply. Natural Resources Research, 2020, 29, 2291-2306.	4.7	11
20	Long-term outlook for global rare earth production. Resources Policy, 2020, 65, 101569.	9.6	57
21	A regional-scale decomposition of energy-related carbon emission and its decoupling from economic growth in China. Environmental Science and Pollution Research, 2020, 27, 20889-20903.	5.3	11
22	Daily natural gas price forecasting by a weighted hybrid data-driven model. Journal of Petroleum Science and Engineering, 2020, 192, 107240.	4.2	20
23	Cluster analysis of the relationship between carbon dioxide emissions and economic growth. Journal of Cleaner Production, 2019, 225, 459-471.	9.3	27
24	Water Footprint Assessment for Coal-to-Gas in China. Natural Resources Research, 2019, 28, 1447-1459.	4.7	11
25	Bi-objective optimization of water management in shale gas exploration with uncertainty: A case study from Sichuan, China. Resources, Conservation and Recycling, 2019, 143, 226-235.	10.8	18
26	Domestic oil and gas or imported oil and gas â€“ An energy return on investment perspective. Resources, Conservation and Recycling, 2018, 136, 63-76.	10.8	11
27	Modeling Indiaâ€™s Coal Production with a Negatively Skewed Curve-Fitting Model. Natural Resources Research, 2018, 27, 365-378.	4.7	4
28	Chinaâ€™s coal consumption decliningâ€”Impermanent or permanent?. Resources, Conservation and Recycling, 2018, 129, 307-313.	10.8	109
29	Modeling the point of use EROI and its implications for economic growth in China. Energy, 2018, 144, 232-242.	8.8	17
30	Sustainability Assessment of Bioenergy from a Global Perspective: A Review. Sustainability, 2018, 10, 2739.	3.2	21
31	Analysis of Point-of-Use Energy Return on Investment and Net Energy Yields from Chinaâ€™s Conventional Fossil Fuels. Energies, 2018, 11, 313.	3.1	8
32	Water use for shale gas extraction in the Sichuan Basin, China. Journal of Environmental Management, 2018, 226, 13-21.	7.8	34
33	The implications of fossil fuel supply constraints on climate change projections: A supply-side analysis. Futures, 2017, 86, 58-72.	2.5	95
34	Environmental impacts of shale gas development in China: A hybrid life cycle analysis. Resources, Conservation and Recycling, 2017, 120, 38-45.	10.8	34
35	Emergy-based energy return on investment method for evaluating energy exploitation. Energy, 2017, 128, 540-549.	8.8	17
36	A review of physical supply and EROI of fossil fuels in China. Petroleum Science, 2017, 14, 806-821.	4.9	12

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37	Will Chinaâ€™s trade restructuring reduce CO2 emissions embodied in international exports?. Journal of Cleaner Production, 2017, 161, 1094-1103.	9.3	29
38	Establishment of a multi-cycle generalized Weng model and its application in forecasts of global oil supply. Petroleum Science, 2017, 14, 616-621.	4.9	2
39	The impact of resource tax reform on China's coal industry. Energy Economics, 2017, 61, 52-61.	12.1	36
40	Energy Return on Investment of Canadian Oil Sands Extraction from 2009 to 2015. Energies, 2017, 10, 614.	3.1	14
41	Integrated Evaluation Method-Based Technical and Economic Factors for International Oil Exploration Projects. Sustainability, 2016, 8, 188.	3.2	9
42	Curve-fitting models for fossil fuel production forecasting: Key influence factors. Journal of Natural Gas Science and Engineering, 2016, 32, 138-149.	4.4	32
43	An oil production forecast for China considering economic limits. Energy, 2016, 113, 586-596.	8.8	21
44	Analysis of resource potential for Chinaâ€™s unconventional gas and forecast for its long-term production growth. Energy Policy, 2016, 88, 389-401.	8.8	44
45	A comparative study on the influential factors of China's provincial energy intensity. Energy Policy, 2016, 88, 74-85.	8.8	69
46	China's unconventional oil: A review of its resources and outlook for long-term production. Energy, 2015, 82, 31-42.	8.8	94
47	Carbon capture and coal consumption: Implications of energy penalties and large scale deployment. Energy Strategy Reviews, 2015, 7, 18-28.	7.3	26
48	Modeling the nexus between carbon dioxide emissions and economic growth. Energy Policy, 2015, 86, 104-117.	8.8	96
49	Modeling oil production based on symbolic regression. Energy Policy, 2015, 82, 48-61.	8.8	34
50	Projection of world fossil fuels by country. Fuel, 2015, 141, 120-135.	6.4	445
51	A Preliminary Forecast of the Production Status of Chinaâ€™s Daqing Oil field from the Perspective of EROI. Sustainability, 2014, 6, 8262-8282.	3.2	14
52	An analysis of China's coal supply and its impact on China's future economic growth. Energy Policy, 2013, 57, 542-551.	8.8	59
53	Chinese coal supply and future production outlooks. Energy, 2013, 60, 204-214.	8.8	72
54	Possible Trends of Chinese Oil Supply Through 2030. SpringerBriefs in Energy, 2013, , 47-69.	0.3	0

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55	The Chinese Oil Industry. SpringerBriefs in Energy, 2013, , .	0.3	10
56	Energy Return on Investment (EROI) of China's conventional fossil fuels: Historical and future trends. Energy, 2013, 54, 352-364.	8.8	58
57	China's natural gas: Resources, production and its impacts. Energy Policy, 2013, 55, 690-698.	8.8	64
58	Comprehensive Analysis of the Energy Return on Investment (EROI) of China. SpringerBriefs in Energy, 2013, , 71-89.	0.3	0
59	Developmental Features of the Chinese Petroleum Industry in Recent Years. SpringerBriefs in Energy, 2013, , 17-45.	0.3	0
60	A comparison of two typical multicyclic models used to forecast the world's conventional oil production. Energy Policy, 2011, 39, 7616-7621.	8.8	121