

# Jianliang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,129  
citations

257450

24  
h-index

233421

45  
g-index

62  
all docs

62  
docs citations

62  
times ranked

1974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Projection of world fossil fuels by country. <i>Fuel</i> , 2015, 141, 120-135.	6.4	445
2	A comparison of two typical multicyclic models used to forecast the world's conventional oil production. <i>Energy Policy</i> , 2011, 39, 7616-7621.	8.8	121
3	China's coal consumption declining? Impermanent or permanent?. <i>Resources, Conservation and Recycling</i> , 2018, 129, 307-313.	10.8	109
4	Modeling the nexus between carbon dioxide emissions and economic growth. <i>Energy Policy</i> , 2015, 86, 104-117.	8.8	96
5	The implications of fossil fuel supply constraints on climate change projections: A supply-side analysis. <i>Futures</i> , 2017, 86, 58-72.	2.5	95
6	China's unconventional oil: A review of its resources and outlook for long-term production. <i>Energy</i> , 2015, 82, 31-42.	8.8	94
7	Chinese coal supply and future production outlooks. <i>Energy</i> , 2013, 60, 204-214.	8.8	72
8	A comparative study on the influential factors of China's provincial energy intensity. <i>Energy Policy</i> , 2016, 88, 74-85.	8.8	69
9	China's natural gas: Resources, production and its impacts. <i>Energy Policy</i> , 2013, 55, 690-698.	8.8	64
10	An analysis of China's coal supply and its impact on China's future economic growth. <i>Energy Policy</i> , 2013, 57, 542-551.	8.8	59
11	Energy Return on Investment (EROI) of China's conventional fossil fuels: Historical and future trends. <i>Energy</i> , 2013, 54, 352-364.	8.8	58
12	Long-term outlook for global rare earth production. <i>Resources Policy</i> , 2020, 65, 101569.	9.6	57
13	Evaluation of the onshore wind energy potential in mainland China—Based on GIS modeling and EROI analysis. <i>Resources, Conservation and Recycling</i> , 2020, 152, 104484.	10.8	48
14	Analysis of resource potential for China's unconventional gas and forecast for its long-term production growth. <i>Energy Policy</i> , 2016, 88, 389-401.	8.8	44
15	Predicting monthly natural gas production in China using a novel grey seasonal model with particle swarm optimization. <i>Energy</i> , 2021, 215, 119118.	8.8	44
16	The impact of resource tax reform on China's coal industry. <i>Energy Economics</i> , 2017, 61, 52-61.	12.1	36
17	Modeling oil production based on symbolic regression. <i>Energy Policy</i> , 2015, 82, 48-61.	8.8	34
18	Environmental impacts of shale gas development in China: A hybrid life cycle analysis. <i>Resources, Conservation and Recycling</i> , 2017, 120, 38-45.	10.8	34

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19	Water use for shale gas extraction in the Sichuan Basin, China. <i>Journal of Environmental Management</i> , 2018, 226, 13-21.	7.8	34
20	Curve-fitting models for fossil fuel production forecasting: Key influence factors. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 32, 138-149.	4.4	32
21	Will China's trade restructuring reduce CO2 emissions embodied in international exports?. <i>Journal of Cleaner Production</i> , 2017, 161, 1094-1103.	9.3	29
22	Scenario simulations of China's natural gas consumption under the dual-carbon target. <i>Energy</i> , 2022, 252, 124106.	8.8	29
23	Cluster analysis of the relationship between carbon dioxide emissions and economic growth. <i>Journal of Cleaner Production</i> , 2019, 225, 459-471.	9.3	27
24	Carbon capture and coal consumption: Implications of energy penalties and large scale deployment. <i>Energy Strategy Reviews</i> , 2015, 7, 18-28.	7.3	26
25	Integrated operation for the planning of CO2 capture path in CCS-EOR project. <i>Journal of Petroleum Science and Engineering</i> , 2020, 186, 106720.	4.2	26
26	An oil production forecast for China considering economic limits. <i>Energy</i> , 2016, 113, 586-596.	8.8	21
27	Sustainability Assessment of Bioenergy from a Global Perspective: A Review. <i>Sustainability</i> , 2018, 10, 2739.	3.2	21
28	Shale gas development and regional economic growth: Evidence from Fuling, China. <i>Energy</i> , 2022, 239, 122254.	8.8	21
29	Daily natural gas price forecasting by a weighted hybrid data-driven model. <i>Journal of Petroleum Science and Engineering</i> , 2020, 192, 107240.	4.2	20
30	Bi-objective optimization of water management in shale gas exploration with uncertainty: A case study from Sichuan, China. <i>Resources, Conservation and Recycling</i> , 2019, 143, 226-235.	10.8	18
31	Energy-based energy return on investment method for evaluating energy exploitation. <i>Energy</i> , 2017, 128, 540-549.	8.8	17
32	Modeling the point of use EROI and its implications for economic growth in China. <i>Energy</i> , 2018, 144, 232-242.	8.8	17
33	Modelling world natural gas production. <i>Energy Reports</i> , 2020, 6, 1363-1372.	5.1	17
34	Environmental impacts from conventional and shale gas and oil development in China considering regional differences and well depth. <i>Resources, Conservation and Recycling</i> , 2021, 167, 105368.	10.8	17
35	Extended-exergy based energy return on investment method and its application to shale gas extraction in China. <i>Journal of Cleaner Production</i> , 2020, 260, 120933.	9.3	16
36	A Preliminary Forecast of the Production Status of China's Daqing Oil field from the Perspective of EROI. <i>Sustainability</i> , 2014, 6, 8262-8282.	3.2	14

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37	Energy Return on Investment of Canadian Oil Sands Extraction from 2009 to 2015. <i>Energies</i> , 2017, 10, 614.	3.1	14
38	A review of physical supply and EROI of fossil fuels in China. <i>Petroleum Science</i> , 2017, 14, 806-821.	4.9	12
39	Influencing factors and future trends of natural gas demand in the eastern, central and western areas of China based on the grey model. <i>Natural Gas Industry B</i> , 2020, 7, 473-483.	3.4	12
40	Domestic oil and gas or imported oil and gas – An energy return on investment perspective. <i>Resources, Conservation and Recycling</i> , 2018, 136, 63-76.	10.8	11
41	Water Footprint Assessment for Coal-to-Gas in China. <i>Natural Resources Research</i> , 2019, 28, 1447-1459.	4.7	11
42	The Availability of Critical Minerals for China’s Renewable Energy Development: An Analysis of Physical Supply. <i>Natural Resources Research</i> , 2020, 29, 2291-2306.	4.7	11
43	A regional-scale decomposition of energy-related carbon emission and its decoupling from economic growth in China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 20889-20903.	5.3	11
44	The Chinese Oil Industry. <i>SpringerBriefs in Energy</i> , 2013, , .	0.3	10
45	Integrated Evaluation Method-Based Technical and Economic Factors for International Oil Exploration Projects. <i>Sustainability</i> , 2016, 8, 188.	3.2	9
46	Analysis of Point-of-Use Energy Return on Investment and Net Energy Yields from China’s Conventional Fossil Fuels. <i>Energies</i> , 2018, 11, 313.	3.1	8
47	The Resource-Limited Plateau in Global Conventional Oil Production: Analysis and Consequences. <i>Biophysical Economics and Sustainability</i> , 2020, 5, 1.	1.4	7
48	Projecting the global impact of fossil fuel production from the Former Soviet Union. <i>International Journal of Coal Science and Technology</i> , 2021, 8, 1208-1226.	6.0	7
49	A game-theory analysis of the subsidy withdrawal policy for China's photovoltaic power generation industry. <i>IET Renewable Power Generation</i> , 2021, 15, 3014-3024.	3.1	6
50	What is the short-term outlook for the EU’s natural gas demand? Individual differences and general trends based on monthly forecasts. <i>Environmental Science and Pollution Research</i> , 2022, 29, 78069-78091.	5.3	6
51	Modeling India’s Coal Production with a Negatively Skewed Curve-Fitting Model. <i>Natural Resources Research</i> , 2018, 27, 365-378.	4.7	4
52	Water scarcity footprint assessment for China's shale gas development. <i>The Extractive Industries and Society</i> , 2021, 8, 100892.	1.2	3
53	How should water resources be allocated for shale gas development? An exploratory study in China. <i>Sustainable Production and Consumption</i> , 2022, 30, 1001-1018.	11.0	3
54	Establishment of a multi-cycle generalized Weng model and its application in forecasts of global oil supply. <i>Petroleum Science</i> , 2017, 14, 616-621.	4.9	2

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55	Possible Trends of Chinese Oil Supply Through 2030. SpringerBriefs in Energy, 2013, , 47-69.	0.3	0
56	A Review of Environmental Risks in Shale Gas Development. Springer Briefs in Geography, 2021, , 19-42.	0.2	0
57	Assessment of GHG Emissions from Shale Gas Development. Springer Briefs in Geography, 2021, , 67-80.	0.2	0
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 Comprehensive Net Energy Analysis and Outlook of Energy System in China. Biophysical Economics and Sustainability, 2021, 6, 1.	1.4	0