

Yalin Lei

List of Publications by Year in descending order

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83
papers

2,800
citations

172207

29
h-index

197535

49
g-index

84
all docs

84
docs citations

84
times ranked

2219
citing authors

#	ARTICLE	IF	CITATIONS
1	The impacts of renewable energy and technological innovation on environment-energy-growth nexus: New evidence from a panel quantile regression. <i>Renewable Energy</i> , 2018, 123, 1-14.	4.3	287
2	Evolution of the spatiotemporal pattern of PM2.5 concentrations in China – A case study from the Beijing-Tianjin-Hebei region. <i>Atmospheric Environment</i> , 2018, 183, 225-233.	1.9	188
3	Carbon emission efficiency and spatial clustering analyses in China’s thermal power industry: Evidence from the provincial level. <i>Journal of Cleaner Production</i> , 2017, 156, 518-527.	4.6	153
4	Decomposition analysis of energy-related carbon emissions from the transportation sector in Beijing. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 42, 135-145.	3.2	134
5	China’s water footprint by province, and inter-provincial transfer of virtual water. <i>Ecological Indicators</i> , 2017, 74, 321-333.	2.6	103
6	Production forecast of China’s rare earths based on the Generalized Weng model and policy recommendations. <i>Resources Policy</i> , 2015, 43, 11-18.	4.2	87
7	Decoupling of economic growth and emissions in China’s cities: A case study of the Central Plains urban agglomeration. <i>Applied Energy</i> , 2019, 244, 36-45.	5.1	72
8	Impacts of city size change and industrial structure change on CO2 emissions in Chinese cities. <i>Journal of Cleaner Production</i> , 2018, 195, 831-838.	4.6	69
9	Study on the coordinated development of economy, environment and resource in coal-based areas in Shanxi Province in China: Based on the multi-objective optimization model. <i>Resources Policy</i> , 2018, 55, 80-86.	4.2	66
10	Research on financial early warning of mining listed companies based on BP neural network model. <i>Resources Policy</i> , 2021, 73, 102223.	4.2	62
11	Interprovincial transfer of embodied energy between the Jing-Jin-Ji area and other provinces in China: A quantification using interprovincial input-output model. <i>Science of the Total Environment</i> , 2017, 584-585, 990-1003.	3.9	60
12	Estimation and influencing factors of agricultural water efficiency in the Yellow River basin, China. <i>Journal of Cleaner Production</i> , 2021, 308, 127249.	4.6	58
13	Factor analysis of energy-related carbon emissions: a case study of Beijing. <i>Journal of Cleaner Production</i> , 2017, 163, S277-S283.	4.6	56
14	Exploring spatial characteristics of city-level CO2 emissions in China and their influencing factors from global and local perspectives. <i>Science of the Total Environment</i> , 2021, 754, 142206.	3.9	55
15	Economic and social effects analysis of mineral development in China and policy implications. <i>Resources Policy</i> , 2013, 38, 448-457.	4.2	46
16	The influence of land urbanization on landslides: An empirical estimation based on Chinese provincial panel data. <i>Science of the Total Environment</i> , 2017, 595, 681-690.	3.9	45
17	Study of CO2 emissions in China’s iron and steel industry based on economic input-output life cycle assessment. <i>Natural Hazards</i> , 2016, 81, 957-970.	1.6	44
18	Evaluation of future energy consumption on PM2.5 emissions and public health economic loss in Beijing. <i>Journal of Cleaner Production</i> , 2018, 187, 1115-1128.	4.6	43

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19	Decoupling analysis between economic growth and resources environment in Central Plains Urban Agglomeration. <i>Science of the Total Environment</i> , 2021, 752, 142284.	3.9	41
20	Path analysis of factors in energy-related CO ₂ emissions from Beijing's transportation sector. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 50, 473-487.	3.2	40
21	An adjustment in regulation policies and its effects on market supply: Game analysis for China's rare earths. <i>Resources Policy</i> , 2015, 46, 30-42.	4.2	39
22	An accurate ecological footprint analysis and prediction for Beijing based on SVM model. <i>Ecological Informatics</i> , 2018, 44, 33-42.	2.3	38
23	The impact of climate change on urban resilience in the Beijing-Tianjin-Hebei region. <i>Science of the Total Environment</i> , 2022, 827, 154157.	3.9	37
24	Non-grain fuel ethanol expansion and its effects on food security: A computable general equilibrium analysis for China. <i>Energy</i> , 2014, 65, 346-356.	4.5	36
25	Policy options for non-grain bioethanol in China: Insights from an economy-energy-environment CGE model. <i>Energy Policy</i> , 2017, 105, 502-511.	4.2	36
26	Public health effect and its economics loss of PM _{2.5} pollution from coal consumption in China. <i>Science of the Total Environment</i> , 2020, 732, 138973.	3.9	36
27	Economic evaluation of the air pollution effect on public health in China's 74 cities. <i>SpringerPlus</i> , 2016, 5, 402.	1.2	35
28	Temporal changes in China's production and consumption-based CO ₂ emissions and the factors contributing to changes. <i>Energy Economics</i> , 2020, 89, 104770.	5.6	35
29	The health economic loss of fine particulate matter (PM _{2.5}) in Beijing. <i>Journal of Cleaner Production</i> , 2017, 161, 1153-1161.	4.6	32
30	Provincial emission accounting for CO ₂ mitigation in China: Insights from production, consumption and income perspectives. <i>Applied Energy</i> , 2019, 255, 113754.	5.1	32
31	Evolutionary path and driving forces of inter-industry transfer of CO ₂ emissions in China: Evidence from structural path and decomposition analysis. <i>Science of the Total Environment</i> , 2021, 765, 142773.	3.9	31
32	Study on the Relationships Between Coal Consumption and Economic Growth of the Six Biggest Coal Consumption Countries: With Coal Price as a Third Variable. <i>Energy Procedia</i> , 2014, 61, 624-634.	1.8	28
33	Resource tax on rare earths in China: Policy evolution and market responses. <i>Resources Policy</i> , 2018, 59, 291-297.	4.2	28
34	Health damage assessment of particulate matter pollution in Jing-Jin-Ji region of China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7883-7895.	2.7	28
35	Prediction on the Peak of the CO ₂ Emissions in China Using the STIRPAT Model. <i>Advances in Meteorology</i> , 2016, 2016, 1-9.	0.6	27
36	China's Rare Earths Supply Forecast in 2025: A Dynamic Computable General Equilibrium Analysis. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 95.	0.8	26

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37	Dynamic features and driving forces of indirect CO ₂ emissions from Chinese household: A comparative and mitigation strategies analysis. <i>Science of the Total Environment</i> , 2020, 704, 135367.	3.9	26
38	Economic and environmental evaluation of coal production in China and policy implications. <i>Natural Hazards</i> , 2015, 77, 1125-1141.	1.6	25
39	Dynamic changes of the ecological footprint in the Beijing-Tianjin-Hebei region from 1996 to 2020. <i>Ecological Indicators</i> , 2020, 112, 106142.	2.6	23
40	Spatiotemporal pattern analysis of PM _{2.5} and the driving factors in the middle Yellow River urban agglomerations. <i>Journal of Cleaner Production</i> , 2021, 299, 126904.	4.6	23
41	China's low-carbon economic transition: Provincial analysis from 2002 to 2012. <i>Science of the Total Environment</i> , 2019, 650, 1050-1061.	3.9	21
42	Inter-provincial sectoral embodied CO ₂ net-transfer analysis in China based on hypothetical extraction method and complex network analysis. <i>Science of the Total Environment</i> , 2021, 786, 147211.	3.9	21
43	Responsive relationship between energy-related carbon dioxide emissions from the transportation sector and economic growth in Beijing—Based on decoupling theory. <i>International Journal of Sustainable Transportation</i> , 2017, 11, 764-775.	2.1	20
44	Opportunities for low-carbon socioeconomic transition during the revitalization of Northeast China: Insights from Heilongjiang province. <i>Science of the Total Environment</i> , 2019, 683, 380-388.	3.9	19
45	The economic loss of health effect damages from PM _{2.5} pollution in the Central Plains Urban Agglomeration. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25434-25449.	2.7	19
46	Study on the Optimization of the Industrial Structure in a Mining Economic Region: Taking Carbon Emissions as a Restriction. <i>Minerals (Basel, Switzerland)</i> , 2015, 5, 203-220.	0.8	18
47	Chinese Provinces' CO ₂ Emissions Embodied in Imports and Exports. <i>Earth's Future</i> , 2018, 6, 867-881.	2.4	18
48	The Empirical Relationship between Mining Industry Development and Environmental Pollution in China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 254.	1.2	17
49	Sector screening and driving factor analysis of Beijing's ecological footprint using a multi-model method. <i>Journal of Cleaner Production</i> , 2018, 191, 330-338.	4.6	17
50	Interprovincial transfer of ecological footprint among the region of Jing-Jin-Ji and other provinces in China: A quantification based on MRIO model. <i>Journal of Cleaner Production</i> , 2019, 225, 304-314.	4.6	17
51	Evaluation of the implementation effects and the influencing factors of resource tax in China. <i>Resources Policy</i> , 2021, 72, 102126.	4.2	17
52	Vertical vs. horizontal integration: Game analysis for the rare earth industrial integration in China. <i>Resources Policy</i> , 2016, 50, 149-159.	4.2	16
53	Carbon dioxide emission reduction quota allocation study on Chinese provinces based on two-stage Shapley information entropy model. <i>Natural Hazards</i> , 2018, 91, 321-335.	1.6	15
54	Research on the changing trend of the carbon footprint of residents' consumption in Beijing. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4078-4090.	2.7	15

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55	Provincial carbon footprints and interprovincial transfer of embodied CO2 emissions in China. <i>Natural Hazards</i> , 2017, 85, 537-558.	1.6	14
56	Analysis of the impact path on factors of China's energy-related CO2 emissions: a path analysis with latent variables. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5757-5772.	2.7	13
57	Study on embodied CO2 transfer between the Jing-Jin-Ji region and other regions in China: a quantification using an interregional input-output model. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14068-14082.	2.7	13
58	China's provincial CO2 emissions and interprovincial transfer caused by investment demand. <i>Environmental Science and Pollution Research</i> , 2019, 26, 312-325.	2.7	13
59	The economic loss of public health from PM2.5 pollution in the Fenwei Plain. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2415-2425.	2.7	12
60	Crowding-out effect of coal industry investment in coal mining area: taking Shanxi province in China as a case. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23290-23298.	2.7	11
61	Employment impact assessment of carbon capture and storage (CCS) in China's power sector based on input-output model. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15665-15676.	2.7	11
62	Design and impact estimation of a reform program of China's tax and fee policies for low-grade oil and gas resources. <i>Petroleum Science</i> , 2011, 8, 515-526.	2.4	10
63	Mechanism of Fiscal and Taxation Policies in the Geothermal Industry in China. <i>Energies</i> , 2016, 9, 709.	1.6	10
64	Study on the CO2 emissions embodied in the trade of China's steel industry: based on the input-output model. <i>Natural Hazards</i> , 2017, 86, 989-1005.	1.6	10
65	Optimal scale of China's cities under the maximization of economic benefits and environmental benefits. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19946-19954.	2.7	10
66	Human health risk assessment of heavy metals from PM2.5 in China's 29 provincial capital cities. <i>Environmental Science and Pollution Research</i> , 2022, 29, 63028-63040.	2.7	10
67	Assessment of Trading Partners for China's Rare Earth Exports Using a Decision Analytic Approach. <i>PLoS ONE</i> , 2014, 9, e102870.	1.1	9
68	The carbon dioxide marginal abatement cost calculation of Chinese provinces based on stochastic frontier analysis. <i>Natural Hazards</i> , 2017, 85, 505-521.	1.6	9
69	Regional Features and National Differences in Population Distribution in China's Border Regions (2000-2015). <i>Sustainability</i> , 2017, 9, 336.	1.6	9
70	Sectoral roles in greenhouse gas emissions and policy implications for energy utilization and carbon emissions trading: a case study of Beijing, China. <i>SpringerPlus</i> , 2016, 5, 1286.	1.2	8
71	Driving Factor Analysis of Carbon Emissions in China's Power Sector for Low-Carbon Economy. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-10.	0.6	8
72	Evaluation of the Contributions of Four Components of Gross Domestic Product in Various Regions in China. <i>PLoS ONE</i> , 2015, 10, e0121594.	1.1	5

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73	Economic Impacts of the Geothermal Industry in Beijing, China: An Input-Output Approach. <i>Mathematical Geosciences</i> , 2019, 51, 353-372.	1.4	5
74	Study on industrial selection of counterpart cooperation between Jilin province and Zhejiang province in China from the perspective of low carbon. <i>Environmental Science and Pollution Research</i> , 2020, 27, 16668-16676.	2.7	5
75	Potential Impact of U.S. Re-Emerging Rare Earths Industry on Future Global Supply and Demand Trend. <i>International Business Research</i> , 2013, 6, .	0.2	4
76	Index Decomposition Analysis on Factors Affecting Energy-Related Carbon Dioxide Emissions from Residential Consumption in Beijing. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-14.	0.6	4
77	Did carbon dioxide emission regulations inhibit investments? A provincial panel analysis of China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27297-27306.	2.7	4
78	Life Cycle CO2 Emission Estimation of CCS-EOR System Using Different CO2 Sources. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 2573-2583.	0.6	4
79	Resource Distribution, Interprovincial Trade, and Embodied Energy: A Case Study of China. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-10.	1.0	3
80	Estimation of the contribution of exports to the provincial economy: an analysis based on China's multi-regional input-output tables. <i>SpringerPlus</i> , 2016, 5, 210.	1.2	3
81	Research on the Reform Mode of Tax and Fee Policies for Oil and Gas Resources in China. , 2011, , .		1
82	Scale Determinants of Fiscal Investment in Geological Exploration: Evidence from China. <i>PLoS ONE</i> , 2013, 8, e76656.	1.1	1
83	Examination of the relationship between the exploitation of geothermal sources and regional economies: a Beijing case study. <i>Water and Environment Journal</i> , 2020, 34, 95-105.	1.0	1