

Yuan Xu

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,575
citations

331670

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315739

38
g-index

59
all docs

59
docs citations

59
times ranked

1836
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic viability of full-chain CCUS-EOR in Indonesia. Resources, Conservation and Recycling, 2022, 179, 106069.	10.8	10
2	Explaining expedited energy transition toward renewables by COVID-19 in India. Energy Policy, 2022, 165, 112986.	8.8	7
3	The potential of CO2 satellite monitoring for climate governance: A review. Journal of Environmental Management, 2021, 277, 111423.	7.8	28
4	International chains of CO2 capture, utilization and storage (CCUS) in a carbon-neutral world. Resources, Conservation and Recycling, 2021, 167, 105433.	10.8	26
5	SO2 mitigation in China's coal-fired power plants: A satellite-based assessment on compliance and enforcement. Atmospheric Environment, 2021, 254, 118396.	4.1	10
6	Domestic and international CO2 source-sink matching for decarbonizing India's electricity. Resources, Conservation and Recycling, 2021, 174, 105824.	10.8	9
7	Evaluating national and subnational CO2 mitigation goals in China's thirteenth five-year plan from satellite observations. Environment International, 2021, 156, 106771.	10.0	7
8	CROSS-BOUNDARY AIR POLLUTION CONTROL UNDER "ONE COUNTRY, TWO SYSTEMS" PERSPECTIVES FROM HONG KONG-GUANGDONG COLLABORATION. Singapore Economic Review, 2020, 65, 601-625.	1.7	1
9	Analysis of multiple drivers of air pollution emissions in China via interregional trade. Journal of Cleaner Production, 2020, 244, 118507.	9.3	18
10	Influence of noble gases on electron cyclotron heated hydrogen plasma. X-Ray Spectrometry, 2020, 49, 213-217.	1.4	6
11	Reliability and resilience in a regulated electricity market: Hong Kong under Typhoon Mangkhut. Utilities Policy, 2020, 67, 101134.	4.0	5
12	Enabled comparative advantage strategy in China's solar PV development. Energy Policy, 2019, 133, 110880.	8.8	32
13	Solar lobby and energy transition in Japan. Energy Policy, 2019, 134, 110950.	8.8	33
14	Status of high current H2+ and H3+ ion sources. Review of Scientific Instruments, 2019, 90, .	1.3	7
15	Proposing a new indicator to combat procrastination over CO ₂ mitigation in China. Carbon Management, 2019, 10, 379-385.	2.4	0
16	The governance for offshore wind in Japan. Energy Procedia, 2019, 158, 297-301.	1.8	10
17	Environmental enforcement and compliance in Pennsylvania's Marcellus shale gas development. Resources, Conservation and Recycling, 2019, 144, 24-31.	10.8	7
18	Is it worth to invest? -An evaluation of CTL-CCS project in China based on real options. Energy, 2019, 182, 920-931.	8.8	22

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19	Coal-to-liquids projects in China under water and carbon constraints. <i>Energy Policy</i> , 2018, 117, 58-65.	8.8	20
20	Multi-objective analysis of the co-mitigation of CO ₂ and PM _{2.5} pollution by China's iron and steel industry. <i>Journal of Cleaner Production</i> , 2018, 185, 331-341.	9.3	51
21	The impacts of economic structure on China's carbon dioxide emissions: an analysis with reference to other East Asian economies. <i>Climate Policy</i> , 2018, 18, 1235-1245.	5.1	9
22	Black carbon emissions from biomass and coal in rural China. <i>Atmospheric Environment</i> , 2018, 176, 158-170.	4.1	53
23	The theory-practice gap of black carbon mitigation technologies in rural China. <i>Atmospheric Environment</i> , 2018, 174, 122-131.	4.1	10
24	Shale Gas Development and Environmental Governance in China. , 2018, , 225-239.		0
25	Catching environmental noncompliance in shale gas development in China and the United States. <i>Resources, Conservation and Recycling</i> , 2017, 121, 73-81.	10.8	20
26	Complying with voluntary energy conservation agreements (I): Air conditioning in Hong Kong's shopping malls. <i>Resources, Conservation and Recycling</i> , 2017, 117, 213-224.	10.8	12
27	China's clean power transition: Current status and future prospect. <i>Resources, Conservation and Recycling</i> , 2017, 121, 3-10.	10.8	53
28	Climate Change as a Flagship Opportunity for Domestic Governance. <i>Environmental Science & Technology</i> , 2017, 51, 1946-1947.	10.0	4
29	Clean power transition in China. <i>Resources, Conservation and Recycling</i> , 2017, 121, 1-2.	10.8	0
30	Swaying public opinion on nuclear energy: A field experiment in Hong Kong. <i>Utilities Policy</i> , 2017, 46, 48-57.	4.0	14
31	Greening cement in China: A cost-effective roadmap. <i>Applied Energy</i> , 2017, 189, 233-244.	10.1	23
32	The effect of carbon tax on carbon emission abatement and GDP: a case study. <i>Journal of Geographical Systems</i> , 2017, 19, 399-414.	3.1	8
33	Complying with voluntary energy conservation agreements (II): Lighting in Hong Kong's shopping malls. <i>Resources, Conservation and Recycling</i> , 2017, 117, 225-234.	10.8	6
34	Editorial: Clean power transition in China. <i>Resources, Conservation and Recycling</i> , 2017, 117, 262-263.	10.8	1
35	The indecisive role of the market in China's SO ₂ and COD emissions trading. <i>Environmental Politics</i> , 2016, 25, 875-898.	5.4	23
36	Globalization and pollution: tele-connecting local primary PM _{2.5} emissions to global consumption. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20160380.	2.1	77

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37	Evaluating and Addressing the Leakage Problems of Black Carbon Mitigation in China's Domestic Sector. <i>Environmental Science & Technology</i> , 2016, 50, 5434-5435.	10.0	1
38	Prospects for shale gas production in China: Implications for water demand. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 66, 742-750.	16.4	75
39	Rapid growth in nitrogen dioxide pollution over Western China, 2005-2013. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6207-6221.	4.9	76
40	Eco-compensation for watershed services in China. <i>Water International</i> , 2016, 41, 271-289.	1.0	40
41	Interprovincial Reliance for Improving Air Quality in China: A Case Study on Black Carbon Aerosol. <i>Environmental Science & Technology</i> , 2016, 50, 4118-4126.	10.0	59
42	Carbon capture and storage for Hong Kong's fuel mix. <i>Utilities Policy</i> , 2015, 36, 43-45.	4.0	4
43	Tracing Primary PM _{2.5} emissions via Chinese supply chains. <i>Environmental Research Letters</i> , 2015, 10, 054005.	5.2	130
44	The Behavioral Impacts of Firm-level Energy-Conservation Goals in China's 11th Five-Year Plan. <i>Environmental Science & Technology</i> , 2015, 49, 85-92.	10.0	10
45	Will joint regional air pollution control be more cost-effective? An empirical study of China's Beijing-Tianjin-Hebei region. <i>Journal of Environmental Management</i> , 2015, 149, 27-36.	7.8	83
46	Commissioning of helium injector for coupled radio frequency quadrupole and separated function radio frequency quadrupole accelerator. <i>Review of Scientific Instruments</i> , 2014, 85, 02A712.	1.3	5
47	Fracking and Pollution: Can China Rescue Its Environment In Time?. <i>Environmental Science & Technology</i> , 2014, 48, 891-892.	10.0	25
48	Decomposing the Impacts of Time Use on Energy Consumption. <i>Energy Procedia</i> , 2014, 61, 1888-1892.	1.8	2
49	Engineering and optimization approaches to enhance the thermal efficiency of coal electricity generation in China. <i>Energy Policy</i> , 2013, 60, 356-363.	8.8	24
50	Milliamperic He ²⁺ beam generator using a compact GHz ECRIS. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 2016-2018.	5.1	7
51	Using performance indicators to reduce cost uncertainty of China's CO ₂ mitigation goals. <i>Energy Policy</i> , 2013, 53, 454-461.	8.8	2
52	Comparative Advantage Strategy for Rapid Pollution Mitigation in China. <i>Environmental Science & Technology</i> , 2013, 47, 9596-9603.	10.0	8
53	The use of a goal for SO ₂ mitigation planning and management in China's 11th Five-Year Plan. <i>Journal of Environmental Planning and Management</i> , 2011, 54, 769-783.	4.5	49
54	China's Functioning Market for Sulfur Dioxide Scrubbing Technologies. <i>Environmental Science & Technology</i> , 2011, 45, 9161-9167.	10.0	14

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55	Improvements in the Operation of SO ₂ Scrubbers in China's Coal Power Plants. Environmental Science & Technology, 2011, 45, 380-385.	10.0	115
56	The Performance of China's SO ₂ Scrubbers at Coal Power Plants. , 2009, , .		3
57	China's rapid deployment of SO ₂ scrubbers. Energy and Environmental Science, 2009, 2, 459.	30.8	87
58	Climatic regime shift and decadal anomalous events in China. Climatic Change, 2007, 84, 167-189.	3.6	128