Fei Teng

List of Publications by Year
in descending order

61	2,191	236925 25	233421 45
papers	citations	h-index	g-index

61	61	61	1889
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards carbon neutrality: A study on China's long-term low-carbon transition pathways and strategies. Environmental Science and Ecotechnology, 2022, 9, 100134.	13.5	118
2	The economic impact of a deep decarbonisation pathway for China: a hybrid model analysis through bottom-up and top-down linking. Mitigation and Adaptation Strategies for Global Change, 2022, 27, 1.	2.1	2
3	A multi-model assessment of climate change damage in China and the world. Advances in Climate Change Research, 2022, 13, 385-396.	5.1	4
4	The environmental co-benefit and economic impact of China's low-carbon pathways: Evidence from linking bottom-up and top-down models. Renewable and Sustainable Energy Reviews, 2021, 136, 110438.	16.4	44
5	Technology opportunity discovery of proton exchange membrane fuel cells based on generative topographic mapping. Technological Forecasting and Social Change, 2021, 169, 120859.	11.6	13
6	When carbon emission trading meets a regulated industry: Evidence from the electricity sector of China. Journal of Public Economics, 2021, 200, 104470.	4.3	88
7	Greenhouse Gas (GHG) Emission Mitigation and Ecosystem Adaptation along Belt and Road Initiative. Ecosystem Health and Sustainability, 2021, 7, .	3.1	5
8	The evolution of climate governance in China: drivers, features, and effectiveness. Environmental Politics, 2021, 30, 141-161.	5.4	43
9	National climate institutions complement targets and policies. Science, 2021, 374, 690-693.	12.6	11
10	Climate technology transfer in BRI era: needs, priorities, and barriers from receiversâ€™ perspective. Ecosystem Health and Sustainability, 2020, 6, .	3.1	15
11	The structural changes and determinants of household energy choices and energy consumption in urban China: Addressing the role of building type. Energy Policy, 2020, 139, 111314.	8.8	41
12	A global analysis of CO ₂ and non-CO ₂ GHG emissions embodied in trade with Belt and Road Initiative countries. Ecosystem Health and Sustainability, 2020, 6, .	3.1	24
13	ASSESSING GLOBAL AND NATIONAL ECONOMIC LOSSES FROM CLIMATE CHANGE: A STUDY BASED ON CGEM-IAM IN CHINA. Climate Change Economics, 2020, 11, 2041003.	5.0	8
14	A Structural Decomposition Analysis of Chinaâ€™s Consumption-Based Greenhouse Gas Emissions. Energies, 2019, 12, 2843.	3.1	8
15	Can China Peak Its Non-CO₂ GHG Emissions before 2030 by Implementing Its Nationally Determined Contribution?. Environmental Science & Technology, 2019, 53, 12168-12176.	10.0	30
16	A biased fairness assessment against developing countries. Science Bulletin, 2019, 64, 367-369.	9.0	4
17	A pathway design framework for national low greenhouse gas emission development strategies. Nature Climate Change, 2019, 9, 261-268.	18.8	93
18	Chinaâ€™s Non-CO2 Greenhouse Gas Emissions: Future Trajectories and Mitigation Options and Potential. Scientific Reports, 2019, 9, 16095.	3.3	12

#	Article	IF	Citations
19	Chinaâ€™s emissions trading takes steps towards big ambitions. Nature Climate Change, 2018, 8, 265-267.	18.8	62
20	Challenges to addressing non-CO₂greenhouse gases in Chinaâ€™s long-term climate strategy. Climate Policy, 2018, 18, 1059-1065.	5.1	11
21	Multi-model comparison of CO2 emissions peaking in China: Lessons from CEMF01 study. Advances in Climate Change Research, 2018, 9, 1-15.	5.1	24
22	The air quality co-benefit of coal control strategy in China. Resources, Conservation and Recycling, 2018, 129, 373-382.	10.8	82
23	Carbon leakage scrutiny in ETS and non-ETS industrial sectors in China. Resources, Conservation and Recycling, 2018, 129, 424-431.	10.8	26
24	Air quality benefit of Chinaâ€™s mitigation target to peak its emission by 2030. Climate Policy, 2018, 18, 99-110.	5.1	35
25	Costâ€“benefit analysis of Chinaâ€™s Intended Nationally Determined Contributions based on carbon marginal cost curves. Applied Energy, 2018, 227, 415-425.	10.1	21
26	Effects of pollution control measures on carbon emission reduction in China: evidence from the 11th and 12th Five-Year Plans. Climate Policy, 2018, 18, 198-209.	5.1	41
27	The 1.5Â°C target and coal sector transition: at the limits of societal feasibility. Climate Policy, 2018, 18, 335-351.	5.1	102
28	Mitigating Sulfur Hexafluoride (SF6) Emission from Electrical Equipment in China. Sustainability, 2018, 10, 2402.	3.2	17
29	Identifying the industrial sectors at risk of carbon leakage in China. Climate Policy, 2017, 17, 443-457.	5.1	18
30	Exploring fair and ambitious mitigation contributions under the Paris Agreement goals. Environmental Science and Policy, 2017, 74, 49-56.	4.9	109
31	Assessing the Role of Electricity Storage in China's High Renewable Energy Penetration Future. Energy Procedia, 2017, 105, 4084-4089.	1.8	10
32	Pathway and policy analysis to Chinaâ€™s deep decarbonization. Chinese Journal of Population Resources and Environment, 2017, 15, 39-49.	1.5	16
33	System Optimization and Co-benefit Analysis of China's Deep De-carbonization Effort towards its INDC Target. Energy Procedia, 2017, 105, 3314-3319.	1.8	6
34	Assessment of Chinaâ€™s Mitigation Targets in an Effort-Sharing Framework. Sustainability, 2017, 9, 1104.	3.2	3
35	Peaking Chinaâ€™s CO2 Emissions: Trends to 2030 and Mitigation Potential. Energies, 2017, 10, 209.	3.1	23
36	Interactions between Market Reform and a Carbon Price in Chinaâ€™s Power Sector. Economics of Energy and Environmental Policy, 2017, 6, .	1.4	25

#	Article	IF	Citations
37	Exploring the nexus between water saving and energy conservation: Insights from industry sector during the 12th Five-Year Plan period in China. Renewable and Sustainable Energy Reviews, 2016, 59, 28-38.	16.4	64
38	Towards a new climate economics: research areas and prospects. Chinese Journal of Population Resources and Environment, 2015, 13, 1-9.	1.5	9
39	Resolve ambiguities in China's emissions. Nature, 2015, 525, 455-455.	27.8	5
40	Countriesâ€™ emission allowances towards the low-carbon world: A consistent study. Applied Energy, 2015, 155, 218-228.	10.1	25
41	Understanding Marginal Abatement Cost Curves in Energy-intensive Industries in China: Insights from Comparison of Different models. Energy Procedia, 2014, 61, 318-322.	1.8	11
42	Inequality Decomposition in the Distribution of Carbon Emission across Country Groups: Historical Trends and Future Implication. Energy Procedia, 2014, 61, 353-356.	1.8	1
43	The Role of China in 2 Degree World: The Needs for Change in Energy System Planning. Energy Procedia, 2014, 61, 419-422.	1.8	0
44	Introducing the emissions trading system to Chinaâ€™s electricity sector: Challenges and opportunities. Energy Policy, 2014, 75, 39-45.	8.8	45
45	Energy Transition within a Carbon Constrained World: How Allocation Schemes Influence the Development of Energy System in the Future. Energy Procedia, 2014, 61, 1310-1313.	1.8	1
46	Equitable Access to Sustainable Development: Based on the comparative study of carbon emission rights allocation schemes. Applied Energy, 2014, 130, 632-640.	10.1	48
47	China energy-water nexus: Assessing the water-saving synergy effects of energy-saving policies during the eleventh Five-year Plan. Energy Conversion and Management, 2014, 85, 630-637.	9.2	86
48	A comparison of carbon allocation schemes: On the equity-efficiency tradeoff. Energy, 2014, 74, 222-229.	8.8	31
49	Sharing emission space at an equitable basis: Allocation scheme based on the equal cumulative emission per capita principle. Applied Energy, 2014, 113, 1810-1818.	10.1	90
50	Reaping the Economic Benefits of Decarbonization for China. China and World Economy, 2014, 22, 37-54.	2.1	24
51	Estimation of urban residential electricity demand in China using household survey data. Energy Policy, 2013, 61, 394-402.	8.8	180
52	Midway toward the 2 degree target: Adequacy and fairness of the CancÃºn pledges. Applied Energy, 2013, 112, 856-865.	10.1	8
53	Incorporating environmental co-benefits into climate policies: A regional study of the cement industry in China. Applied Energy, 2013, 112, 1446-1453.	10.1	99
54	Developed and developing world responsibilities for historical climate change and CO ₂ mitigation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12911-12915.	7.1	115

#	Article	IF	Citations
55	Sector Mitigation Policies and Methods in China: Measurable, Reportable, and Verifiable Mechanisms. Advances in Climate Change Research, 2011, 2, 115-123.	5.1	3
56	Metric of Carbon Equity: Carbon Gini Index Based on Historical Cumulative Emission per Capita. Advances in Climate Change Research, 2011, 2, 134-140.	5.1	49
57	EU-GeoCapacity in China â€" Towards CCS demonstration projects in Hebei Province. Energy Procedia, 2011, 4, 6045-6052.	1.8	0
58	CCS scenarios optimization by spatial multi-criteria analysis: Application to multiple source sink matching in Hebei province. International Journal of Greenhouse Gas Control, 2010, 4, 341-350.	4.6	33
59	Clean development mechanism practice in China: Current status and possibilities for future regime. Energy, 2010, 35, 4328-4335.	8.8	35
60	CCS scenarios optimisation by spatial multi-criteria analysis: Application to multiple source-sink matching in the Bohai Basin (North China). Energy Procedia, 2009, 1, 4167-4174.	1.8	14
61	Efficiency of Carbon storage with leakage: Physical and economical approaches. Energy, 2007, 32, 540-548.	8.8	21