Fabian Wagner

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8822477/publications.pdf

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37	3,215	236612	329751
papers	citations	25 h-index	37 g-index

38	38	38	3747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using large ensembles of climate change mitigation scenarios for robust insights. Nature Climate Change, 2022, 12, 428-435.	8.1	28
2	The importance of health co-benefits under different climate policy cooperation frameworks. Environmental Research Letters, 2021, 16, 055027.	2.2	10
3	Operationalizing the net-negative carbon economy. Nature, 2021, 596, 377-383.	13.7	87
4	Household contributions to and impacts from air pollution in India. Nature Sustainability, 2021, 4, 859-867.	11.5	37
5	Incorporating political-feasibility concerns into the assessment of India's clean-air policies. One Earth, 2021, 4, 1163-1174.	3.6	10
6	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. Lancet, The, 2021, 398, 1619-1662.	6.3	669
7	Protecting the poor with a carbon tax and equal per capita dividend. Nature Climate Change, 2021, 11, 1025-1026.	8.1	11
8	Assessing the macroeconomic impacts of individual behavioral changes on carbon emissions. Climatic Change, 2020, 158, 141-160.	1.7	36
9	Cost-effective management of coastal eutrophication: A case study for the Yangtze river basin. Resources, Conservation and Recycling, 2020, 154, 104635.	5.3	38
10	Reducing global air pollution: the scope for further policy interventions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190331.	1.6	70
11	Short-term solar and wind variability in long-term energy system models - A European case study. Energy, 2020, 209, 118377.	4.5	22
12	The Critical Role of Policy Enforcement in Achieving Health, Air Quality, and Climate Benefits from Indiaâ€™s Clean Electricity Transition. Environmental Science & Technology, 2020, 54, 11720-11731.	4.6	22
13	Optimal Climate Policy and the Future of World Economic Development. World Bank Economic Review, 2019, 33, 21-40.	1.4	13
14	Integrated assessment of resource-energy-environment nexus in China's iron and steel industry. Journal of Cleaner Production, 2019, 232, 235-249.	4.6	58
15	The impact of human health co-benefits on evaluations of global climate policy. Nature Communications, 2019, 10, 2095.	5.8	99
16	On the financial viability of negative emissions. Nature Communications, 2019, 10, 1783.	5.8	59
17	Exploring the driving forces of energy consumption and environmental pollution in China's cement industry at the provincial level. Journal of Cleaner Production, 2018, 184, 274-285.	4.6	54
18	Climate, air quality and human health benefits of various solar photovoltaic deployment scenarios in China in 2030. Environmental Research Letters, 2018, 13, 064002.	2.2	53

#	Article	IF	Citations
19	How to spend a dwindling greenhouse gas budget. Nature Climate Change, 2018, 8, 7-10.	8.1	119
20	Managing Chinaâ€™s coal power plants to address multiple environmental objectives. Nature Sustainability, 2018, 1, 693-701.	11.5	98
21	Response of electricity sector air pollution emissions to drought conditions in the western United States. Environmental Research Letters, 2018, 13, 124032.	2.2	20
22	Air qualityâ€“carbonâ€“water synergies and trade-offs in Chinaâ€™s natural gas industry. Nature Sustainability, 2018, 1, 505-511.	11.5	49
23	Air quality, health, and climate implications of Chinaâ€™s synthetic natural gas development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4887-4892.	3.3	90
24	Substantial air quality and climate co-benefits achievable now with sectoral mitigation strategies in China. Science of the Total Environment, 2017, 598, 1076-1084.	3.9	73
25	Reduction of solar photovoltaic resources due to air pollution in China. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11867-11872.	3.3	112
26	Impact of population growth and population ethics on climate change mitigation policy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12338-12343.	3.3	64
27	The Deployment of Low Carbon Technologies in Energy Intensive Industries: A Macroeconomic Analysis for Europe, China and India. Energies, 2017, 10, 360.	1.6	17
28	The Contribution of Non-CO2 Greenhouse Gas Mitigation to Achieving Long-Term Temperature Goals. Energies, 2017, 10, 602.	1.6	21
29	Modeling energy efficiency to improve air quality and health effects of Chinaâ€™s cement industry. Applied Energy, 2016, 184, 574-593.	5.1	63
30	Potential for concentrating solar power to provide baseload and dispatchable power. Nature Climate Change, 2014, 4, 689-692.	8.1	146
31	On the limits to solar thermal power: A reply to Trainer. Energy Policy, 2014, 75, 424-425.	4.2	3
32	Co-benefits of energy efficiency improvement and air pollution abatement in the Chinese iron and steel industry. Energy, 2014, 78, 333-345.	4.5	151
33	Regional and Global Emissions of Air Pollutants: Recent Trends and Future Scenarios. Annual Review of Environment and Resources, 2013, 38, 31-55.	5.6	166
34	Mitigation here and now or there and then: the role of co-benefits. Carbon Management, 2012, 3, 325-327.	1.2	3
35	Sectoral marginal abatement cost curves: implications for mitigation pledges and air pollution co-benefits for Annex I countries. Sustainability Science, 2012, 7, 169-184.	2.5	34
36	Cost-effective control of air quality and greenhouse gases in Europe: Modeling and policy applications. Environmental Modelling and Software, 2011, 26, 1489-1501.	1.9	578

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37	Carbon emission trading and carbon taxes under uncertainties. Climatic Change, 2010, 103, 277-289.	1.7	32