Wolfgang SchÃ¶pp

List of Publications by Year
in descending order

30	4,157	304743 22	477307 29
papers	citations	h-index	g-index

37	37	37	5218
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A low energy demand scenario for meeting the 1.5â€‰Â°C target and sustainable development goals without negative emission technologies. Nature Energy, 2018, 3, 515-527.	39.5	733
2	The marker quantification of the Shared Socioeconomic Pathway 2: A middle-of-the-road scenario for the 21st century. Global Environmental Change, 2017, 42, 251-267.	7.8	590
3	Cost-effective control of air quality and greenhouse gases in Europe: Modeling and policy applications. Environmental Modelling and Software, 2011, 26, 1489-1501.	4.5	578
4	Global anthropogenic emissions of particulate matter including black carbon. Atmospheric Chemistry and Physics, 2017, 17, 8681-8723.	4.9	496
5	Energy investment needs for fulfilling the Paris Agreement and achieving the Sustainable Development Goals. Nature Energy, 2018, 3, 589-599.	39.5	377
6	Outlook for clean air in the context of sustainable development goals. Global Environmental Change, 2018, 53, 1-11.	7.8	119
7	The 2020 China report of the Lancet Countdown on health and climate change. Lancet Public Health, The, 2021, 6, e64-e81.	10.0	106
8	Better air for better health: Forging synergies in policies for energy access, climate change and air pollution. Global Environmental Change, 2013, 23, 1122-1130.	7.8	99
9	Technical potentials and costs for reducing global anthropogenic methane emissions in the 2050 timeframe â€“results from the GAINS model. Environmental Research Communications, 2020, 2, 025004.	2.3	96
10	Potential for future reductions of global GHG and air pollutants from circular waste management systems. Nature Communications, 2022, 13, 106.	12.8	86
11	Air Quality Improvement Co-benefits of Low-Carbon Pathways toward Well Below the 2 Â°C Climate Target in China. Environmental Science & Technology, 2019, 53, 5576-5584.	10.0	81
12	Modelling PM2.5 impact indicators in Europe: Health effects and legal compliance. Environmental Modelling and Software, 2015, 74, 201-211.	4.5	77
13	Co-benefits of post-2012 global climate mitigation policies. Mitigation and Adaptation Strategies for Global Change, 2013, 18, 801-824.	2.1	74
14	Reducing global air pollution: the scope for further policy interventions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190331.	3.4	70
15	Mitigation pathways of air pollution from residential emissions in the Beijing-Tianjin-Hebei region in China. Environment International, 2019, 125, 236-244.	10.0	66
16	Mitigation pathways towards national ambient air quality standards in India. Environment International, 2019, 133, 105147.	10.0	62
17	Environmental Modeling and Methods for Estimation of the Global Health Impacts of Air Pollution. Environmental Modeling and Assessment, 2012, 17, 613-622.	2.2	61
18	Spatial Differentiation in the Characterisation of Photochemical Ozone Formation: The EDIP2003 Methodology. International Journal of Life Cycle Assessment, 2006, 11, 72-80.	4.7	59

#	Article	IF	Citations
19	Cost estimates of the Kigali Amendment to phase-down hydrofluorocarbons. Environmental Science and Policy, 2017, 75, 138-147.	4.9	52
20	The 2021 China report of the Lancet Countdown on health and climate change: seizing the window of opportunity. Lancet Public Health, The, 2021, 6, e932-e947.	10.0	41
21	Uncertainty analysis of emission estimates in the RAINS integrated assessment model. Environmental Science and Policy, 2005, 8, 601-613.	4.9	38
22	Assessing the macroeconomic impacts of individual behavioral changes on carbon emissions. Climatic Change, 2020, 158, 141-160.	3.6	36
23	Electricity savings and greenhouse gas emission reductions from global phase-down of hydrofluorocarbons. Atmospheric Chemistry and Physics, 2020, 20, 11305-11327.	4.9	26
24	Analysis of the air pollution reduction and climate change mitigation effects of the Three-Year Action Plan for Blue Skies on the â€œ2+26â€•Cities in China. Journal of Environmental Management, 2022, 317, 115455.	7.8	26
25	Air quality and health implications of 1.5 Â°Câ€“2 Â°C climate pathways under considerations of ageing population: a multi-model scenario analysis. Environmental Research Letters, 2021, 16, 045005.	5.2	19
26	Decarbonization pathways and energy investment needs for developing Asia in line with â€˜well belowâ€™ 2Â°C. Climate Policy, 2020, 20, 234-245.	5.1	18
27	Carbon in global waste and wastewater flows â€“ its potential as energy source under alternative future waste management regimes. Advances in Geosciences, 0, 45, 105-113.	12.0	18
28	Applying Integrated Exposure-Response Functions to PM2.5 Pollution in India. International Journal of Environmental Research and Public Health, 2019, 16, 60.	2.6	12
29	Forecast of Sulfur Deposition in Japan for Various Energy Supply and Emission Control Scenarios. Water, Air, and Soil Pollution, 2001, 130, 301-306.	2.4	9
30	Mitigation Efforts Calculator (MEC). Information Systems Frontiers, 2013, 15, 223-233.	6.4	2