

# Niklas HÃ¶hne

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

6,679  
citations

81889

39  
h-index

114455

63  
g-index

70  
all docs

70  
docs citations

70  
times ranked

6542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Paris Agreement climate proposals need a boost to keep warming well below 2°C. Nature, 2016, 534, 631-639.	27.8	2,397
2	Taking stock of national climate policies to evaluate implementation of the Paris Agreement. Nature Communications, 2020, 11, 2096.	12.8	241
3	Reinvigorating International Climate Policy: A Comprehensive Framework for Effective Nonstate Action. Global Policy, 2015, 6, 466-473.	1.7	211
4	Copenhagen Accord pledges are paltry. Nature, 2010, 464, 1126-1128.	27.8	207
5	Greenhouse gas emissions from current and enhanced policies of China until 2030: Can emissions peak before 2030?. Energy Policy, 2016, 89, 224-236.	8.8	194
6	Regional GHG reduction targets based on effort sharing: a comparison of studies. Climate Policy, 2014, 14, 122-147.	5.1	185
7	The Paris Agreement: resolving the inconsistency between global goals and national contributions. Climate Policy, 2017, 17, 16-32.	5.1	140
8	Emissions: world has four times the work or one-third of the time. Nature, 2020, 579, 25-28.	27.8	136
9	Implications of various effort-sharing approaches for national carbon budgets and emission pathways. Climatic Change, 2020, 162, 1805-1822.	3.6	131
10	Wave of net zero emission targets opens window to meeting the Paris Agreement. Nature Climate Change, 2021, 11, 820-822.	18.8	129
11	Reductions of greenhouse gas emissions in Annex I and non-Annex I countries for meeting concentration stabilisation targets. Climatic Change, 2008, 91, 249-274.	3.6	124
12	Developments in national climate change mitigation legislation and strategy. Climate Policy, 2013, 13, 649-664.	5.1	122
13	A research roadmap for quantifying non-state and subnational climate mitigation action. Nature Climate Change, 2019, 9, 11-17.	18.8	121
14	Exploring fair and ambitious mitigation contributions under the Paris Agreement goals. Environmental Science and Policy, 2017, 74, 49-56.	4.9	109
15	Differentiating (historic) responsibilities for climate change. Climate Policy, 2009, 9, 593-611.	5.1	99
16	Beyond national climate action: the impact of region, city, and business commitments on global greenhouse gas emissions. Climate Policy, 2020, 20, 275-291.	5.1	95
17	National post-2020 greenhouse gas targets and diversity-aware leadership. Nature Climate Change, 2015, 5, 1098-1106.	18.8	91
18	Aligning corporate greenhouse-gas emissions targets with climate goals. Nature Climate Change, 2015, 5, 1057-1060.	18.8	90

#	ARTICLE	IF	CITATIONS
19	A review of successful climate change mitigation policies in major emitting economies and the potential of global replication. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 137, 110602.	16.4	89
20	The rules for land use, land use change and forestry under the Kyoto Protocol—lessons learned for the future climate negotiations. <i>Environmental Science and Policy</i> , 2007, 10, 353-369.	4.9	88
21	Contributions of individual countries—emissions to climate change and their uncertainty. <i>Climatic Change</i> , 2011, 106, 359-391.	3.6	85
22	National climate change mitigation legislation, strategy and targets: a global update. <i>Climate Policy</i> , 2018, 18, 1114-1132.	5.1	84
23	Are the G20 economies making enough progress to meet their NDC targets?. <i>Energy Policy</i> , 2019, 126, 238-250.	8.8	84
24	Countries—contributions to climate change: effect of accounting for all greenhouse gases, recent trends, basic needs and technological progress. <i>Climatic Change</i> , 2013, 121, 397-412.	3.6	83
25	Common but differentiated convergence (CDC): a new conceptual approach to long-term climate policy. <i>Climate Policy</i> , 2006, 6, 181-199.	5.1	82
26	Can updated climate pledges limit warming well below 2°C?. <i>Science</i> , 2021, 374, 693-695.	12.6	80
27	Analysing countries—contribution to climate change: scientific and policy-related choices. <i>Environmental Science and Policy</i> , 2005, 8, 614-636.	4.9	77
28	Ten key short-term sectoral benchmarks to limit warming to 1.5°C. <i>Climate Policy</i> , 2018, 18, 287-305.	5.1	61
29	Bridging the greenhouse-gas emissions gap. <i>Nature Climate Change</i> , 2012, 2, 471-474.	18.8	57
30	Effort sharing in ambitious, global climate change mitigation scenarios. <i>Energy Policy</i> , 2010, 38, 1797-1810.	8.8	54
31	Assessing the ambition of post-2020 climate targets: a comprehensive framework. <i>Climate Policy</i> , 2018, 18, 425-441.	5.1	51
32	Differentiation of countries—future commitments in a post-2012 climate regime. <i>Environmental Science and Policy</i> , 2007, 10, 185-203.	4.9	48
33	Short term policies to keep the door open for Paris climate goals. <i>Environmental Research Letters</i> , 2018, 13, 074022.	5.2	48
34	Climate change: long-term targets and short-term commitments. <i>Global Environmental Change</i> , 2003, 13, 277-293.	7.8	47
35	Calculating Historical Contributions To Climate Change — Discussing The —Brazilian Proposal—. <i>Climatic Change</i> , 2005, 71, 141-173.	3.6	47
36	The Triptych approach revisited: A staged sectoral approach for climate mitigation. <i>Energy Policy</i> , 2008, 36, 1107-1124.	8.8	47

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37	Sharing the reduction effort to limit global warming to 2°C. <i>Climate Policy</i> , 2010, 10, 247-260.	5.1	47
38	Countries start to explain how their climate contributions are fair: more rigour needed. <i>International Environmental Agreements: Politics, Law and Economics</i> , 2018, 18, 99-115.	2.9	45
39	Analysis of the Copenhagen Accord pledges and its global climatic impacts—a snapshot of dissonant ambitions. <i>Environmental Research Letters</i> , 2010, 5, 034013.	5.2	44
40	Methods for quantifying the benefits of sustainable development policies and measures (SD-PAMs). <i>Climate Policy</i> , 2008, 8, 119-134.	5.1	35
41	National “fair shares”™ in reducing greenhouse gas emissions within the principled framework of international environmental law. <i>Climate Policy</i> , 2021, 21, 983-1004.	5.1	34
42	Are major economies on track to achieve their pledges for 2020? An assessment of domestic climate and energy policies. <i>Energy Policy</i> , 2014, 67, 781-796.	8.8	33
43	Updated nationally determined contributions collectively raise ambition levels but need strengthening further to keep Paris goals within reach. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2022, 27, .	2.1	32
44	Twenty years of climate policy: G20 coverage and gaps. <i>Climate Policy</i> , 2022, 22, 158-174.	5.1	30
45	Ambition in the making: analysing the preparation and implementation process of the Nationally Determined Contributions under the Paris Agreement. <i>Climate Policy</i> , 2020, 20, 415-429.	5.1	29
46	Beyond states: Harnessing sub-national actors for the deep decarbonisation of cities, regions, and businesses. <i>Energy Research and Social Science</i> , 2020, 70, 101738.	6.4	29
47	Greenhouse gas emission scenarios in nine key non-G20 countries: An assessment of progress toward 2030 climate targets. <i>Environmental Science and Policy</i> , 2021, 123, 67-81.	4.9	29
48	The global expansion of climate mitigation policy interventions, the Talanoa Dialogue and the role of behavioural insights. <i>Environmental Research Communications</i> , 2019, 1, 061001.	2.3	26
49	Comparison of emissions estimates derived from atmospheric measurements with national estimates of HFCs, PFCs and SF6. <i>Environmental Science and Pollution Research</i> , 2002, 9, 315-319.	5.3	25
50	Tracking uncertainties in the causal chain from human activities to climate. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	25
51	National GHG emissions reduction pledges and 2°C: comparison of studies. <i>Climate Policy</i> , 2012, 12, 356-377.	5.1	25
52	Reducing global GHG emissions by replicating successful sector examples: the “good practice policies”™ scenario. <i>Climate Policy</i> , 2018, 18, 1103-1113.	5.1	22
53	Analysing comparable greenhouse gas mitigation efforts for Annex I countries. <i>Energy Policy</i> , 2009, 37, 4114-4131.	8.8	19
54	Comparative assessment of Japan's long-term carbon budget under different effort-sharing principles. <i>Climate Policy</i> , 2016, 16, 1029-1047.	5.1	16

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55	Correcting course: the emission reduction potential of international cooperative initiatives. <i>Climate Policy</i> , 2021, 21, 232-250.	5.1	16
56	Common but differentiated convergence (CDC): a new conceptual approach to long-term climate policy. <i>Climate Policy</i> , 2006, 6, 181-199.	5.1	16
57	Transitioning to Low-Carbon Economies under the 2030 Agenda: Minimizing Trade-Offs and Enhancing Co-Benefits of Climate-Change Action for the SDGs. <i>Sustainability</i> , 2021, 13, 10774.	3.2	15
58	Developing scenarios in the context of the Paris Agreement and application in the integrated assessment model IMAGE: A framework for bridging the policy-modelling divide. <i>Environmental Science and Policy</i> , 2022, 135, 104-116.	4.9	10
59	Sharing developed countries'™ post-2012 greenhouse gas emission reductions based on comparable efforts. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010, 15, 433-465.	2.1	9
60	Beyond pure offsetting: Assessing options to generate Net-Mitigation-Effects in carbon market mechanisms. <i>Energy Policy</i> , 2014, 68, 413-422.	8.8	8
61	The G20 emission projections to 2030 improved since the Paris Agreement, but only slightly. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2022, 27, .	2.1	7
62	Changing the rules. <i>Nature Climate Change</i> , 2011, 1, 31-33.	18.8	6
63	Differentiating (historic) responsibilities for climate change. <i>Climate Policy</i> , 2009, 9, 593-611.	5.1	4
64	Unpacking the COVID-19 rescue and recovery spending: an assessment of implications on greenhouse gas emissions towards 2030 for key emitters. , 2022, 1, 1.		4
65	Differentiating historical responsibilities for climate change. , 0, , 71-98.		2
66	Influence of national governments for or against the entry into force of the Kyoto Protocol: a Banzhaf index analysis. <i>Climate Policy</i> , 2001, 1, 517-520.	5.1	0
67	Influence of national governments for or against the entry into force of the Kyoto Protocol: a Banzhaf index analysis. <i>Climate Policy</i> , 2001, 1, 517-520.	5.1	0