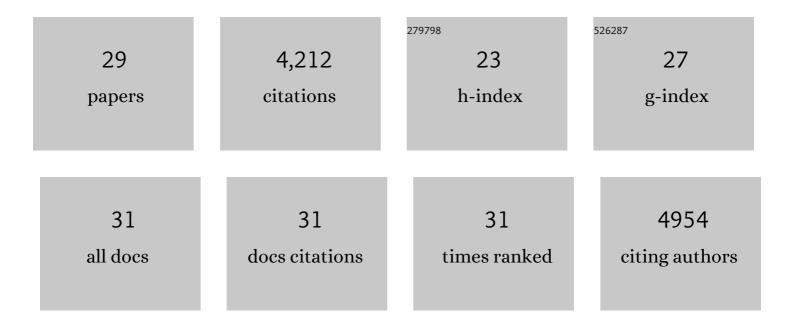
JérÃ'me Hilaire

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	How uncertainty in technology costs and carbon dioxide removal availability affect climate mitigation pathways. Energy, 2021, 216, 119253.	8.8	17
2	Air quality and health implications of 1.5 °C–2 °C climate pathways under considerations of ageing population: a multi-model scenario analysis. Environmental Research Letters, 2021, 16, 045005.	5.2	19
3	Energy system developments and investments in the decisive decade for the Paris Agreement goals. Environmental Research Letters, 2021, 16, 074020.	5.2	41
4	REMIND2.1: transformation and innovation dynamics of the energy-economic system within climate and sustainability limits. Geoscientific Model Development, 2021, 14, 6571-6603.	3.6	34
5	The role of methane in future climate strategies: mitigation potentials and climate impacts. Climatic Change, 2020, 163, 1409-1425.	3.6	39
6	Coal and carbonization in sub-Saharan Africa. Nature Climate Change, 2020, 10, 83-88.	18.8	49
7	Air quality co-benefits of ratcheting up the NDCs. Climatic Change, 2020, 163, 1481-1500.	3.6	25
8	Negative emissions and international climate goals—learning from and about mitigation scenarios. Climatic Change, 2019, 157, 189-219.	3.6	74
9	Global emissions pathways under different socioeconomic scenarios for use in CMIP6: a dataset of harmonized emissions trajectories through the end of the century. Geoscientific Model Development, 2019, 12, 1443-1475.	3.6	496
10	The mutual dependence of negative emission technologies and energy systems. Energy and Environmental Science, 2019, 12, 1805-1817.	30.8	135
11	Analysing interactions among Sustainable Development Goals with Integrated Assessment Models. Global Transitions, 2019, 1, 210-225.	4.1	126
12	Divestment prevails over the green paradox when anticipating strong future climate policies. Nature Climate Change, 2018, 8, 130-134.	18.8	44
13	Short term policies to keep the door open for Paris climate goals. Environmental Research Letters, 2018, 13, 074022.	5.2	48
14	Don't deploy negative emissions technologies without ethical analysis. Nature, 2018, 561, 303-305.	27.8	61
15	Negative emissions—Part 3: Innovation and upscaling. Environmental Research Letters, 2018, 13, 063003.	5.2	224
16	Negative emissions—Part 1: Research landscape and synthesis. Environmental Research Letters, 2018, 13, 063001.	5.2	498
17	Negative emissions—Part 2: Costs, potentials and side effects. Environmental Research Letters, 2018, 13, 063002.	5.2	823
18	Data on fossil fuel availability for Shared Socioeconomic Pathways. Data in Brief, 2017, 10, 44-46.	1.0	7

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#	Article	IF	CITATIONS
19	Future air pollution in the Shared Socio-economic Pathways. Global Environmental Change, 2017, 42, 346-358.	7.8	277
20	Fossil-fueled development (SSP5): An energy and resource intensive scenario for the 21st century. Global Environmental Change, 2017, 42, 297-315.	7.8	418
21	Shared Socio-Economic Pathways of the Energy Sector – Quantifying the Narratives. Global Environmental Change, 2017, 42, 316-330.	7.8	247
22	Assessing global fossil fuel availability in a scenario framework. Energy, 2016, 111, 580-592.	8.8	54
23	Boom or bust? Mapping out the known unknowns of global shale gas production potential. Energy Economics, 2015, 49, 581-587.	12.1	13
24	Unburnable fossil-fuel reserves. Nature, 2015, 517, 150-151.	27.8	125
25	Using importers' windfall savings from oil subsidy reform to enhance international cooperation on climate policies. Climatic Change, 2015, 131, 465-472.	3.6	26
26	Carbon leakage in a fragmented climate regime: The dynamic response of global energy markets. Technological Forecasting and Social Change, 2015, 90, 192-203.	11.6	32
27	Limited impact on decadal-scale climate change from increased use of natural gas. Nature, 2014, 514, 482-485.	27.8	194
28	Description of the REMIND Model (Version 1.5). SSRN Electronic Journal, 0, , .	0.4	14
29	Description of the REMIND Model (Version 1.6). SSRN Electronic Journal, 0, , .	0.4	46