

# JÃ©rÃ©me Hilaire

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7123456/publications.pdf>

Version: 2024-02-01

29  
papers

4,212  
citations

279798

23  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4954  
citing authors

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

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