

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	Negative emissionsâ€™Part 2: Costs, potentials and side effects. Environmental Research Letters, 2018, 13, 063002.	5.2	823
2	Negative emissionsâ€™Part 1: Research landscape and synthesis. Environmental Research Letters, 2018, 13, 063001.	5.2	498
3	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
4	Fossil-fueled development (SSP5): An energy and resource intensive scenario for the 21st century. Global Environmental Change, 2017, 42, 297-315.	7.8	418
5	Future air pollution in the Shared Socio-economic Pathways. Global Environmental Change, 2017, 42, 346-358.	7.8	277
6	Shared Socio-Economic Pathways of the Energy Sector â€™ Quantifying the Narratives. Global Environmental Change, 2017, 42, 316-330.	7.8	247
7	Negative emissionsâ€™Part 3: Innovation and upscaling. Environmental Research Letters, 2018, 13, 063003.	5.2	224
8	Limited impact on decadal-scale climate change from increased use of natural gas. Nature, 2014, 514, 482-485.	27.8	194
9	The mutual dependence of negative emission technologies and energy systems. Energy and Environmental Science, 2019, 12, 1805-1817.	30.8	135
10	Analysing interactions among Sustainable Development Goals with Integrated Assessment Models. Global Transitions, 2019, 1, 210-225.	4.1	126
11	Unburnable fossil-fuel reserves. Nature, 2015, 517, 150-151.	27.8	125
12	Negative emissions and international climate goalsâ€™learning from and about mitigation scenarios. Climatic Change, 2019, 157, 189-219.	3.6	74
13	Donâ€™t deploy negative emissions technologies without ethical analysis. Nature, 2018, 561, 303-305.	27.8	61
14	Assessing global fossil fuel availability in a scenario framework. Energy, 2016, 111, 580-592.	8.8	54
15	Coal and carbonization in sub-Saharan Africa. Nature Climate Change, 2020, 10, 83-88.	18.8	49
16	Short term policies to keep the door open for Paris climate goals. Environmental Research Letters, 2018, 13, 074022.	5.2	48
17	Description of the REMIND Model (Version 1.6). SSRN Electronic Journal, 0, , .	0.4	46
18	Divestment prevails over the green paradox when anticipating strong future climate policies. Nature Climate Change, 2018, 8, 130-134.	18.8	44

#	ARTICLE	IF	CITATIONS
19	Energy system developments and investments in the decisive decade for the Paris Agreement goals. Environmental Research Letters, 2021, 16, 074020.	5.2	41
20	The role of methane in future climate strategies: mitigation potentials and climate impacts. Climatic Change, 2020, 163, 1409-1425.	3.6	39
21	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
22	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
23	Using importersâ€™ windfall savings from oil subsidy reform to enhance international cooperation on climate policies. Climatic Change, 2015, 131, 465-472.	3.6	26
24	Air quality co-benefits of ratcheting up the NDCs. Climatic Change, 2020, 163, 1481-1500.	3.6	25
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	How uncertainty in technology costs and carbon dioxide removal availability affect climate mitigation pathways. Energy, 2021, 216, 119253.	8.8	17
27	Description of the REMIND Model (Version 1.5). SSRN Electronic Journal, 0, , .	0.4	14
28	Boom or bust? Mapping out the known unknowns of global shale gas production potential. Energy Economics, 2015, 49, 581-587.	12.1	13
29	Data on fossil fuel availability for Shared Socioeconomic Pathways. Data in Brief, 2017, 10, 44-46.	1.0	7