

# Alexandre C Käberle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7337925/publications.pdf>

Version: 2024-02-01

29  
papers

1,607  
citations

331538

21  
h-index

501076

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1752  
citing authors

#	ARTICLE	IF	CITATIONS
1	An inter-model assessment of the role of direct air capture in deep mitigation pathways. <i>Nature Communications</i> , 2019, 10, 3277.	5.8	267
2	Taking stock of national climate policies to evaluate implementation of the Paris Agreement. <i>Nature Communications</i> , 2020, 11, 2096.	5.8	241
3	Implications of various effort-sharing approaches for national carbon budgets and emission pathways. <i>Climatic Change</i> , 2020, 162, 1805-1822.	1.7	131
4	Energy system transitions and low-carbon pathways in Australia, Brazil, Canada, China, EU-28, India, Indonesia, Japan, Republic of Korea, Russia and the United States. <i>Energy</i> , 2021, 216, 119385.	4.5	128
5	Looking under the hood: A comparison of techno-economic assumptions across national and global integrated assessment models. <i>Energy</i> , 2019, 172, 1254-1267.	4.5	107
6	Assessing current and future techno-economic potential of concentrated solar power and photovoltaic electricity generation. <i>Energy</i> , 2015, 89, 739-756.	4.5	98
7	A multi-model analysis of long-term emissions and warming implications of current mitigation efforts. <i>Nature Climate Change</i> , 2021, 11, 1055-1062.	8.1	69
8	Interactions between climate change mitigation and adaptation: The case of hydropower in Brazil. <i>Energy</i> , 2018, 164, 1161-1177.	4.5	45
9	Overlooked impacts of electricity expansion optimisation modelling: The life cycle side of the story. <i>Energy</i> , 2016, 115, 1424-1435.	4.5	42
10	Coupling national and global models to explore policy impacts of NDCs. <i>Energy Policy</i> , 2018, 118, 462-473.	4.2	42
11	The Value of BECCS in IAMs: a Review. <i>Current Sustainable/Renewable Energy Reports</i> , 2019, 6, 107-115.	1.2	42
12	Global roll-out of comprehensive policy measures may aid in bridging emissions gap. <i>Nature Communications</i> , 2021, 12, 6419.	5.8	37
13	Brazil's emission trajectories in a well-below 2°C world: the role of disruptive technologies versus land-based mitigation in an already low-emission energy system. <i>Climatic Change</i> , 2020, 162, 1823-1842.	1.7	36
14	The cost of mitigation revisited. <i>Nature Climate Change</i> , 2021, 11, 1035-1045.	8.1	34
15	Possible energy futures for Brazil and Latin America in conservative and stringent mitigation pathways up to 2050. <i>Technological Forecasting and Social Change</i> , 2015, 98, 186-210.	6.2	33
16	Implications of climate change mitigation strategies on international bioenergy trade. <i>Climatic Change</i> , 2020, 163, 1639-1658.	1.7	32
17	Challenges in the harmonisation of global integrated assessment models: A comprehensive methodology to reduce model response heterogeneity. <i>Science of the Total Environment</i> , 2021, 783, 146861.	3.9	32
18	The NExus Solutions Tool (NEST) v1.0: an open platform for optimizing multi-scale energy-water-land system transformations. <i>Geoscientific Model Development</i> , 2020, 13, 1095-1121.	1.3	31

#	ARTICLE	IF	CITATIONS
19	Advancing a toolkit of diverse futures approaches for global environmental assessments. <i>Ecosystems and People</i> , 2021, 17, 191-204.	1.3	29
20	Where is the EU headed given its current climate policy? A stakeholder-driven model inter-comparison. <i>Science of the Total Environment</i> , 2021, 793, 148549.	3.9	26
21	Near-term transition and longer-term physical climate risks of greenhouse gas emissions pathways. <i>Nature Climate Change</i> , 2022, 12, 88-96.	8.1	26
22	Are conventional energy megaprojects competitive? Suboptimal decisions related to cost overruns in Brazil. <i>Energy Policy</i> , 2018, 122, 689-700.	4.2	17
23	A comparative study of biodiesel in Brazil and Argentina: An integrated systems of innovation perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 112022.	8.2	17
24	The role of LNG and unconventional gas in the future natural gas markets of Argentina and Chile. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 45, 584-598.	2.1	12
25	Investment needs to achieve SDGs: An overview. , 2022, 1, e0000020.		8
26	Can global models provide insights into regional mitigation strategies? A diagnostic model comparison study of bioenergy in Brazil. <i>Climatic Change</i> , 2022, 170, 1.	1.7	7
27	A hybrid approach to identifying and assessing interactions between climate action (SDG13) policies and a range of SDGs in a UK context. <i>Discover Sustainability</i> , 2021, 2, 43.	1.4	5
28	Food security in climate mitigation scenarios. <i>Nature Food</i> , 2022, 3, 98-99.	6.2	4
29	Brazilian ethanol expansion subject to limitations. <i>Nature Climate Change</i> , 2019, 9, 209-210.	8.1	3