

# Matthias Jonas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7788585/publications.pdf>

Version: 2024-02-01

34  
papers

1,613  
citations

623188

14  
h-index

525886

27  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biophysical and economic limits to negative CO <sub>2</sub> emissions. <i>Nature Climate Change</i> , 2016, 6, 42-50.	8.1	973
2	How Uncertain Are Estimates of CO <sub>2</sub> Emissions?. <i>Journal of Industrial Ecology</i> , 2009, 13, 4-7.	2.8	82
3	Errors and uncertainties in a gridded carbon dioxide emissions inventory. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 1007-1050.	1.0	77
4	Can we reconcile atmospheric estimates of the Northern terrestrial carbon sink with land-based accounting?. <i>Current Opinion in Environmental Sustainability</i> , 2010, 2, 225-230.	3.1	73
5	Biodiversity, productivity, and the spatial insurance hypothesis revisited. <i>Journal of Theoretical Biology</i> , 2015, 380, 426-435.	0.8	41
6	International trade and Austria's livestock system: Direct and hidden carbon emission flows associated with production and consumption of products. <i>Ecological Economics</i> , 2010, 69, 920-929.	2.9	39
7	Quantifying greenhouse gas emissions. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 839-852.	1.0	35
8	Carbon emission trading and carbon taxes under uncertainties. <i>Climatic Change</i> , 2010, 103, 277-289.	1.7	32
9	Compliance and Emissions Trading under the Kyoto Protocol: Rules for Uncertain Inventories. <i>Water, Air and Soil Pollution</i> , 2007, 7, 539-558.	0.8	31
10	Benefits of dealing with uncertainty in greenhouse gas inventories: introduction. <i>Climatic Change</i> , 2010, 103, 3-18.	1.7	25
11	High-resolution spatial distribution and associated uncertainties of greenhouse gas emissions from the agricultural sector. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 881-905.	1.0	23
12	Comparison of preparatory signal analysis techniques for consideration in the (post-)Kyoto policy process. <i>Climatic Change</i> , 2010, 103, 175-213.	1.7	20
13	Uncertainty in an emissions-constrained world. <i>Climatic Change</i> , 2014, 124, 459-476.	1.7	17
14	A high-definition spatially explicit modelling approach for national greenhouse gas emissions from industrial processes: reducing the errors and uncertainties in global emission modelling. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 907-939.	1.0	15
15	Uncertainties in greenhouse gases inventories – expanding our perspective. <i>Climatic Change</i> , 2014, 124, 451-458.	1.7	13
16	Compliance and Emissions Trading under the Kyoto Protocol: Rules for Uncertain Inventories. , 2007, , 119-138.		13
17	Analysis of change in relative uncertainty in GHG emissions from stationary sources for the EU 15. <i>Climatic Change</i> , 2014, 124, 505-518.	1.7	12
18	Integrated model for robust emission trading under uncertainties: Cost-effectiveness and environmental safety. <i>Technological Forecasting and Social Change</i> , 2015, 98, 234-244.	6.2	11

#	ARTICLE	IF	CITATIONS
19	The Missing "Missing Sink". Forestry Chronicle, 2003, 79, 1071-1074.	0.5	10
20	Verification: The gorilla in the struggle to slow global warming. Forestry Chronicle, 2001, 77, 475-478.	0.5	9
21	Accounting for Climate Change: Introduction. Water, Air and Soil Pollution, 2007, 7, 421-424.	0.8	9
22	Sustaining ecosystem services: Overcoming the dilemma posed by local actions and planetary boundaries. Earth's Future, 2014, 2, 407-420.	2.4	8
23	Grid point surface air temperature calculations with a fast turnaround: Combining the results of IMAGE and a GCM. Climatic Change, 1996, 34, 479-512.	1.7	6
24	Strict accounting with flexible implementation: the first order of business in the next climate treaty. Carbon Management, 2013, 4, 253-256.	1.2	6
25	The impact of roads on sub-Saharan African ecosystems: a systematic review. Environmental Research Letters, 2021, 16, 113001.	2.2	6
26	Compliance for uncertain inventories via probabilistic/fuzzy comparison of alternatives. Climatic Change, 2014, 124, 519-534.	1.7	5
27	The crux with reducing emissions in the long-term: The underestimated "now" versus the overestimated "then". Mitigation and Adaptation Strategies for Global Change, 2019, 24, 1169-1190.	1.0	5
28	Carbon emission trading and carbon taxes under uncertainties. , 2010, , 277-289.		2
29	Analysis of change in relative uncertainty in GHG emissions from stationary sources for the EU 15. , 2015, , 55-68.		2
30	Benefits of dealing with uncertainty in greenhouse gas inventories: introduction. , 2010, , 3-18.		2
31	Accounting for Climate Change: Introduction. , 2007, , 1-4.		0
32	Comparison of preparatory signal analysis techniques for consideration in the (post-)Kyoto policy process. , 2010, , 175-213.		0
33	Compliance for uncertain inventories via probabilistic/fuzzy comparison of alternatives. , 2015, , 69-84.		0
34	Quantifying memory and persistence in the atmosphere's land and ocean carbon system. Earth System Dynamics, 2022, 13, 439-455.	2.7	0