

Matthias Jonas

List of Publications by Year in descending order

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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	Quantifying memory and persistence in the atmosphere's land and ocean carbon system. <i>Earth System Dynamics</i> , 2022, 13, 439-455.	2.7	0
2	The impact of roads on sub-Saharan African ecosystems: a systematic review. <i>Environmental Research Letters</i> , 2021, 16, 113001.	2.2	6
3	Quantifying greenhouse gas emissions. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 839-852.	1.0	35
4	The crux with reducing emissions in the long-term: The underestimated "now" versus the overestimated "then". <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 1169-1190.	1.0	5
5	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
6	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
7	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
8	Biophysical and economic limits to negative CO2 emissions. <i>Nature Climate Change</i> , 2016, 6, 42-50.	8.1	973
9	Biodiversity, productivity, and the spatial insurance hypothesis revisited. <i>Journal of Theoretical Biology</i> , 2015, 380, 426-435.	0.8	41
10	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
11	Analysis of change in relative uncertainty in GHG emissions from stationary sources for the EU 15. , 2015, , 55-68.		2
12	Compliance for uncertain inventories via probabilistic/fuzzy comparison of alternatives. , 2015, , 69-84.		0
13	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
14	Compliance for uncertain inventories via probabilistic/fuzzy comparison of alternatives. <i>Climatic Change</i> , 2014, 124, 519-534.	1.7	5
15	Uncertainty in an emissions-constrained world. <i>Climatic Change</i> , 2014, 124, 459-476.	1.7	17
16	Uncertainties in greenhouse gases inventories "expanding our perspective. <i>Climatic Change</i> , 2014, 124, 451-458.	1.7	13
17	Sustaining ecosystem services: Overcoming the dilemma posed by local actions and planetary boundaries. <i>Earth's Future</i> , 2014, 2, 407-420.	2.4	8
18	Strict accounting with flexible implementation: the first order of business in the next climate treaty. <i>Carbon Management</i> , 2013, 4, 253-256.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Carbon emission trading and carbon taxes under uncertainties. Climatic Change, 2010, 103, 277-289.	1.7	32
20	Comparison of preparatory signal analysis techniques for consideration in the (post-)Kyoto policy process. Climatic Change, 2010, 103, 175-213.	1.7	20
21	Benefits of dealing with uncertainty in greenhouse gas inventories: introduction. Climatic Change, 2010, 103, 3-18.	1.7	25
22	International trade and Austria's livestock system: Direct and hidden carbon emission flows associated with production and consumption of products. Ecological Economics, 2010, 69, 920-929.	2.9	39
23	Can we reconcile atmospheric estimates of the Northern terrestrial carbon sink with land-based accounting?. Current Opinion in Environmental Sustainability, 2010, 2, 225-230.	3.1	73
24	Carbon emission trading and carbon taxes under uncertainties. , 2010, , 277-289.		2
25	Benefits of dealing with uncertainty in greenhouse gas inventories: introduction. , 2010, , 3-18.		2
26	Comparison of preparatory signal analysis techniques for consideration in the (post-)Kyoto policy process. , 2010, , 175-213.		0
27	How Uncertain Are Estimates of CO ₂ Emissions?. Journal of Industrial Ecology, 2009, 13, 4-7.	2.8	82
28	Compliance and Emissions Trading under the Kyoto Protocol: Rules for Uncertain Inventories. Water, Air and Soil Pollution, 2007, 7, 539-558.	0.8	31
29	Accounting for Climate Change: Introduction. Water, Air and Soil Pollution, 2007, 7, 421-424.	0.8	9
30	Compliance and Emissions Trading under the Kyoto Protocol: Rules for Uncertain Inventories. , 2007, , 119-138.		13
31	Accounting for Climate Change: Introduction. , 2007, , 1-4.		0
32	The Missing "Missing Sink". Forestry Chronicle, 2003, 79, 1071-1074.	0.5	10
33	Verification: The gorilla in the struggle to slow global warming. Forestry Chronicle, 2001, 77, 475-478.	0.5	9
34	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