

Marian Leimbach

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

4,726
citations

331259

21
h-index

414034

32
g-index

37
all docs

37
docs citations

37
times ranked

5315
citing authors

#	ARTICLE	IF	CITATIONS
1	Capital markets and the costs of climate policies. Environmental Economics and Policy Studies, 2022, 24, 397-420.	0.8	6
2	Combining ambitious climate policies with efforts to eradicate poverty. Nature Communications, 2021, 12, 2342.	5.8	63
3	A sustainable development pathway for climate action within the UN 2030 Agenda. Nature Climate Change, 2021, 11, 656-664.	8.1	179
4	REMIND2.1: transformation and innovation dynamics of the energy-economic system within climate and sustainability limits. Geoscientific Model Development, 2021, 14, 6571-6603.	1.3	34
5	Burden sharing of climate change mitigation: global and regional challenges under shared socio-economic pathways. Climatic Change, 2019, 155, 273-291.	1.7	23
6	Optimal international technology cooperation for the low-carbon transformation. Climate Policy, 2018, 18, 1165-1176.	2.6	13
7	Long-Term Development Perspectives of Sub-Saharan Africa under Climate Policies. Ecological Economics, 2018, 144, 148-159.	2.9	22
8	Fossil-fueled development (SSP5): An energy and resource intensive scenario for the 21st century. Global Environmental Change, 2017, 42, 297-315.	3.6	418
9	Solution algorithms for regional interactions in large-scale integrated assessment models of climate change. Annals of Operations Research, 2017, 255, 29-45.	2.6	10
10	The Shared Socioeconomic Pathways and their energy, land use, and greenhouse gas emissions implications: An overview. Global Environmental Change, 2017, 42, 153-168.	3.6	2,966
11	Robust strategies of climate change mitigation in interacting energy, economy and land use systems. International Journal of Climate Change Strategies and Management, 2016, 8, 732-757.	1.5	3
12	The Role of Time Preferences in Explaining the Long-Term Pattern of International Trade. Global Economy Journal, 2015, 15, 83-106.	0.6	2
13	ON THE REGIONAL DISTRIBUTION OF CLIMATE MITIGATION COSTS: THE IMPACT OF DELAYED COOPERATIVE ACTION. Climate Change Economics, 2014, 05, 1440002.	2.9	14
14	The value of bioenergy in low stabilization scenarios: an assessment using REMIND-MAgPIE. Climatic Change, 2014, 123, 705-718.	1.7	81
15	The economics of decarbonizing the energy system—results and insights from the RECIPE model intercomparison. Climatic Change, 2012, 114, 9-37.	1.7	165
16	The REMIND-R model: the role of renewables in the low-carbon transformation—first-best vs. second-best worlds. Climatic Change, 2012, 114, 145-168.	1.7	59
17	On the regional distribution of mitigation costs in a global cap-and-trade regime. Climatic Change, 2012, 114, 59-78.	1.7	33
18	An integrated assessment model with endogenous growth. Ecological Economics, 2012, 83, 118-131.	2.9	31

#	ARTICLE	IF	CITATIONS
19	Additional CO2 emissions from land use change – Forest conservation as a precondition for sustainable production of second generation bioenergy. <i>Ecological Economics</i> , 2012, 74, 64-70.	2.9	68
20	The role of technological availability for the distributive impacts of climate change mitigation policy. <i>Energy Policy</i> , 2011, 39, 6030-6039.	4.2	25
21	On sustainability of bioenergy production: Integrating co-emissions from agricultural intensification. <i>Biomass and Bioenergy</i> , 2011, 35, 4770-4780.	2.9	58
22	Mitigation Costs in a Globalized World: Climate Policy Analysis with REMIND-R. <i>Environmental Modeling and Assessment</i> , 2010, 15, 155-173.	1.2	144
23	The impact of capital trade and technological spillovers on climate policies. <i>Ecological Economics</i> , 2010, 69, 2341-2355.	2.9	34
24	Technological Change and International Trade -Insights from REMIND-R. <i>Energy Journal</i> , 2010, 31, 109-136.	0.9	48
25	A Trade Algorithm for Multi-Region Models Subject to Spillover Externalities. <i>Computational Economics</i> , 2009, 33, 107-130.	1.5	12
26	Low-stabilisation scenarios and technologies for carbon capture and sequestration. <i>Energy Procedia</i> , 2009, 1, 4031-4038.	1.8	4
27	Technological spillovers within multi-region models: Intertemporal optimization beyond the Negishi approach. <i>Economic Modelling</i> , 2007, 24, 272-294.	1.8	13
28	Policy-business interaction in emissions trading between multiple regions. , 2006, , 353-367.		4
29	A modular approach to Integrated Assessment modeling. <i>Environmental Modeling and Assessment</i> , 2005, 9, 207-220.	1.2	13
30	Integrated Assessment of Long-term Climate Policies: Part 1 – Model Presentation. <i>Climatic Change</i> , 2003, 56, 37-56.	1.7	38
31	Economic Development and Emission Control over the Long Term: The ICLIPS Aggregated Economic Model. <i>Climatic Change</i> , 2003, 56, 139-165.	1.7	29
32	Equity and carbon emissions trading: a model analysis. <i>Energy Policy</i> , 2003, 31, 1033-1044.	4.2	35
33	Influence of Economic Constraints on the Shape of Emission Corridors. <i>Computational Economics</i> , 2001, 18, 173-191.	1.5	10
34	An Integrated Assessment Model with Endogenous Growth. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
35	Description of the REMIND Model (Version 1.5). <i>SSRN Electronic Journal</i> , 0, , .	0.4	14
36	Description of the REMIND Model (Version 1.6). <i>SSRN Electronic Journal</i> , 0, , .	0.4	46