

Jonathan Kähler

List of Publications by Year in descending order

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35
papers

2,939
citations

279798

23
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2506
citing authors

#	ARTICLE	IF	CITATIONS
1	An agenda for sustainability transitions research: State of the art and future directions. <i>Environmental Innovation and Societal Transitions</i> , 2019, 31, 1-32.	5.5	1,305
2	A transitions model for sustainable mobility. <i>Ecological Economics</i> , 2009, 68, 2985-2995.	5.7	184
3	Induced Technical Change in Energy and Environmental Modeling: Analytic Approaches and Policy Implications. <i>Annual Review of Environment and Resources</i> , 2002, 27, 271-308.	1.2	164
4	Prospects of modelling societal transitions: Position paper of an emerging community. <i>Environmental Innovation and Societal Transitions</i> , 2015, 17, 41-58.	5.5	155
5	Including aviation emissions in the EU ETS: Much ado about nothing? A review. <i>Transport Policy</i> , 2010, 17, 38-46.	6.6	108
6	Equity and Ecotax Reform in the EU: Achieving a 10 per cent Reduction in CO2 Emissions Using Excise Duties. <i>Fiscal Studies</i> , 1998, 19, 375-402.	1.5	94
7	Induced Technological Change: Exploring its Implications for the Economics of Atmospheric Stabilization: Synthesis Report from the innovation Modeling Comparison Project. <i>Energy Journal</i> , 2006, 27, 57-108.	1.7	87
8	Infrastructure investment for a transition to hydrogen automobiles. <i>Technological Forecasting and Social Change</i> , 2010, 77, 1237-1248.	11.6	82
9	Modelling Sustainability Transitions: An Assessment of Approaches and Challenges. <i>Jasss</i> , 2018, 21, .	1.8	69
10	The concept of "lead markets" revisited: Contribution to environmental innovation theory. <i>Environmental Innovation and Societal Transitions</i> , 2014, 10, 4-19.	5.5	60
11	A Conceptual Framework for transition modelling. <i>International Journal of Innovation and Sustainable Development</i> , 2008, 3, 93.	0.4	58
12	Towards a new complexity economics for sustainability. <i>Cambridge Journal of Economics</i> , 2013, 37, 187-208.	1.6	58
13	The Transition to Endogenous Technical Change in Climate-Economy Models: A Technical Overview to the Innovation Modeling Comparison Project. <i>Energy Journal</i> , 2006, 27, 17-56.	1.7	58
14	Technological change in energy systems: Learning curves, logistic curves and input-output coefficients. <i>Ecological Economics</i> , 2007, 63, 749-758.	5.7	57
15	Leaving fossil fuels behind? An innovation system analysis of low carbon cars. <i>Journal of Cleaner Production</i> , 2013, 48, 176-186.	9.3	54
16	Low carbon transitions pathways in mobility: Applying the MLP in a combined case study and simulation bridging analysis of passenger transport in the Netherlands. <i>Technological Forecasting and Social Change</i> , 2020, 151, 119314.	11.6	51
17	Costs of greenhouse gas abatement: meta-analysis of post-SRES mitigation scenarios. <i>Environmental Economics and Policy Studies</i> , 2002, 5, 135-166.	2.0	34
18	Transition to the bioeconomy " Analysis and scenarios for selected niches. <i>Journal of Cleaner Production</i> , 2021, 294, 126092.	9.3	31

#	ARTICLE	IF	CITATIONS
19	Using lead market factors to assess the potential for a sustainability transition. <i>Environmental Innovation and Societal Transitions</i> , 2014, 10, 20-41.	5.5	29
20	Lead markets in 2nd generation biofuels for aviation: A comparison of Germany, Brazil and the USA. <i>Environmental Innovation and Societal Transitions</i> , 2014, 10, 59-76.	5.5	28
21	A comparison of the neo-Schumpeterian theory of Kondratiev waves and the multi-level perspective on transitions. <i>Environmental Innovation and Societal Transitions</i> , 2012, 3, 1-15.	5.5	26
22	Globalization and Sustainable Development: Case Study on International Transport and Sustainable Development. <i>Journal of Environment and Development</i> , 2014, 23, 66-100.	3.2	26
23	Actors, decision-making, and institutions in quantitative system modelling. <i>Technological Forecasting and Social Change</i> , 2020, 151, 119480.	11.6	26
24	Sailing into a dilemma. <i>Transportation Research, Part A: Policy and Practice</i> , 2015, 78, 34-53.	4.2	20
25	Coping with uncertainties of sustainability transitions using exploratory modelling: The case of the MATISSE model and the UK's mobility sector. <i>Environmental Innovation and Societal Transitions</i> , 2019, 33, 61-83.	5.5	16
26	Eco-Innovation in NICs: Conditions for Export Success With an Application to Biofuels in Transport. <i>Journal of Environment and Development</i> , 2014, 23, 133-159.	3.2	13
27	Disrupting transitions: Qualitatively modelling the impact of Covid-19 on UK food and mobility provision. <i>Environmental Innovation and Societal Transitions</i> , 2021, 40, 1-19.	5.5	12
28	Aviation and the EU Emissions Trading System. <i>Transport and Sustainability</i> , 2013, , 109-130.	0.4	9
29	Introduction to "Zooming in and out: Special issue on local transition governance". <i>Environmental Innovation and Societal Transitions</i> , 2021, 40, 203-206.	5.5	7
30	Zero carbon propulsion in shipping "scenarios for the development of hydrogen and wind technologies with the MATISSE-SHIP model. <i>International Shipbuilding Progress</i> , 2020, 67, 79-95.	0.4	6
31	Transitions for ship propulsion to 2050: The AHOY combined qualitative and quantitative scenarios. <i>Marine Policy</i> , 2022, 140, 105049.	3.2	5
32	New lessons for technology policy and climate change: investment for innovation. <i>Climate Policy</i> , 2007, 7, 156-161.	5.1	3
33	Advances in modelling sustainable innovation: from technology bias to system theories and behavioural dynamics. , 2019, , 310-330.		3
34	Modelling the multi-level perspective. , 2019, , 77-101.		1
35	Actors, Decision-Making, and Institutions in Quantitative System Modelling. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0