Jonathan KÃ¶hler

List of Publications by Year
in descending order

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	Transitions for ship propulsion to 2050: The AHOY combined qualitative and quantitative scenarios. Marine Policy, 2022, 140, 105049.	3.2	5
2	Transition to the bioeconomy â€“ Analysis and scenarios for selected niches. Journal of Cleaner Production, 2021, 294, 126092.	9.3	31
3	Disrupting transitions: Qualitatively modelling the impact of Covid-19 on UK food and mobility provision. Environmental Innovation and Societal Transitions, 2021, 40, 1-19.	5.5	12
4	Introduction to â€œZooming in and out: Special issue on local transition governanceâ€• Environmental Innovation and Societal Transitions, 2021, 40, 203-206.	5.5	7
5	Actors, decision-making, and institutions in quantitative system modelling. Technological Forecasting and Social Change, 2020, 151, 119480.	11.6	26
6	Low carbon transitions pathways in mobility: Applying the MLP in a combined case study and simulation bridging analysis of passenger transport in the Netherlands. Technological Forecasting and Social Change, 2020, 151, 119314.	11.6	51
7	Zero carbon propulsion in shippingÂâ€“ scenarios for the development of hydrogen and wind technologies with the MATISSE-SHIP model. International Shipbuilding Progress, 2020, 67, 79-95.	0.4	6
8	An agenda for sustainability transitions research: State of the art and future directions. Environmental Innovation and Societal Transitions, 2019, 31, 1-32.	5.5	1,305
9	Coping with uncertainties of sustainability transitions using exploratory modelling: The case of the MATISSE model and the UK's mobility sector. Environmental Innovation and Societal Transitions, 2019, 33, 61-83.	5.5	16
10	Modelling the multi-level perspective. , 2019, , 77-101.		1
11	Advances in modelling sustainable innovation: from technology bias tosystem theories and behavioural dynamics. , 2019, , 310-330.		3
12	Modelling Sustainability Transitions: An Assessment of Approaches and Challenges. Jasss, 2018, 21, .	1.8	69
13	Prospects of modelling societal transitions: Position paper of an emerging community. Environmental Innovation and Societal Transitions, 2015, 17, 41-58.	5.5	155
14	Sailing into a dilemma. Transportation Research, Part A: Policy and Practice, 2015, 78, 34-53.	4.2	20
15	Eco-Innovation in NICs: Conditions for Export Success With an Application to Biofuels in Transport. Journal of Environment and Development, 2014, 23, 133-159.	3.2	13
16	The concept of â€œlead marketsâ€•revisited: Contribution to environmental innovation theory. Environmental Innovation and Societal Transitions, 2014, 10, 4-19.	5.5	60
17	Globalization and Sustainable Development: Case Study on International Transport and Sustainable Development. Journal of Environment and Development, 2014, 23, 66-100.	3.2	26
18	Lead markets in 2nd generation biofuels for aviation: A comparison of Germany, Brazil and the USA. Environmental Innovation and Societal Transitions, 2014, 10, 59-76.	5.5	28

#	Article	IF	Citations
19	Using lead market factors to assess the potential for a sustainability transition. Environmental Innovation and Societal Transitions, 2014, 10, 20-41.	5.5	29
20	Towards a new complexity economics for sustainability. Cambridge Journal of Economics, 2013, 37, 187-208.	1.6	58
21	Leaving fossil fuels behind? An innovation system analysis of low carbon cars. Journal of Cleaner Production, 2013, 48, 176-186.	9.3	54
22	Aviation and the EU Emissions Trading System. Transport and Sustainability, 2013, , 109-130.	0.4	9
23	A comparison of the neo-Schumpeterian theory of Kondratiev waves and the multi-level perspective on transitions. Environmental Innovation and Societal Transitions, 2012, 3, 1-15.	5.5	26
24	Infrastructure investment for a transition to hydrogen automobiles. Technological Forecasting and Social Change, 2010, 77, 1237-1248.	11.6	82
25	Including aviation emissions in the EU ETS: Much ado about nothing? A review. Transport Policy, 2010, 17, 38-46.	6.6	108
26	A transitions model for sustainable mobility. Ecological Economics, 2009, 68, 2985-2995.	5.7	184
27	A Conceptual Framework for transition modelling. International Journal of Innovation and Sustainable Development, 2008, 3, 93.	0.4	58
28	New lessons for technology policy and climate change: investment for innovation. Climate Policy, 2007, 7, 156-161.	5.1	3
29	Technological change in energy systems: Learning curves, logistic curves and inputâ€“output coefficients. Ecological Economics, 2007, 63, 749-758.	5.7	57
30	The Transition to Endogenous Technical Change in Climate-Economy Models: A Technical Overview to the Innovation Modeling Comparison Project. Energy Journal, 2006, 27, 17-56.	1.7	58
31	Induced Technological Change: Exploring its Implications for the Economics of Atmospheric Stabilization: Synthesis Report from the innovation Modeling Comparison Project. Energy Journal, 2006, 27, 57-108.	1.7	87
32	Costs of greenhouse gas abatement: meta-analysis of post-SRES mitigation scenarios. Environmental Economics and Policy Studies, 2002, 5, 135-166.	2.0	34
33	Induced Technical Change in Energy and Environmental Modeling: Analytic Approaches and Policy Implications. Annual Review of Environment and Resources, 2002, 27, 271-308.	1.2	164
34	Equity and Ecotax Reform in the EU: Achieving a 10 per cent Reduction in CO2 Emissions Using Excise Duties. Fiscal Studies, 1998, 19, 375-402.	1.5	94
35	Actors, Decision-Making, and Institutions in Quantitative System Modelling. SSRN Electronic Journal, 0, , .	0.4	0