Jochen Markard

List of Publications by Year
in descending order

58 papers	9,396 citations	87843 38 h-index	168321 53 g-index
58 all docs	58 docs citations	58 times ranked	5662 citing authors

#	Article	IF	Citations
1	Analyzing transitions through the lens of discourse networks: Coal phase-out in Germany. Environmental Innovation and Societal Transitions, 2021, 40, 315-331.	2.5	33
2	Neglected developments undermining sustainability transitions. Environmental Innovation and Societal Transitions, 2021, 41, 39-41.	2.5	17
3	From terminating to transforming: The role of phase-out in sustainability transitions. Environmental Innovation and Societal Transitions, 2021, 41, 27-31.	2.5	31
4	Creating innovation systems: How resource constellations affect the strategies of system builders. Technological Forecasting and Social Change, 2020, 153, 119209.	6.2	57
5	The life cycle of technological innovation systems. Technological Forecasting and Social Change, 2020, 153, 119407.	6.2	116
6	Multi-technology interaction in socio-technical transitions: How recent dynamics in HVDC technology can inform transition theories. Technological Forecasting and Social Change, 2020, 151, 119802.	6.2	56
7	How deployment policies affect innovation in complementary technologiesâ€"evidence from the German energy transition. Technological Forecasting and Social Change, 2020, 161, 120274.	6.2	22
8	Reply to van den Bergh and Botzen: A clash of paradigms over the role of carbon pricing. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23221-23222.	3.3	8
9	A COVID-19 recovery for climate. Science, 2020, 368, 447-447.	6.0	139
10	Political conflict and climate policy: the European emissions trading system as a Trojan Horse for the low-carbon transition?. Climate Policy, 2020, 20, 1092-1111.	2.6	24
11	A tale of two crises: COVID-19 and climate. Sustainability: Science, Practice, and Policy, 2020, 16, 53-60.	1.1	46
12	The Politics of Technology Decline: Discursive Struggles over Coal Phaseâ€Out in the UK. Review of Policy Research, 2020, 37, 342-368.	2.8	37
13	Destined for decline? Examining nuclear energy from a technological innovation systems perspective. Energy Research and Social Science, 2020, 67, 101512.	3.0	61
14	Why carbon pricing is not sufficient to mitigate climate changeâ€"and how â€œsustainability transition policyâ€•can help. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8664-8668.	3.3	149
15	Challenges in the acceleration of sustainability transitions. Environmental Research Letters, 2020, 15, 081001.	2.2	131
16	An agenda for sustainability transitions research: State of the art and future directions. Environmental Innovation and Societal Transitions, 2019, 31, 1-32.	2.5	1,305
17	Why the Lights Went Out: A Capability Perspective on the Unintended Consequences of Sector Reform Processes. , 2019, , 33-68.		0
18	Policies, actors and sustainability transition pathways: A study of the EUâ€™s energy policy mix. Research Policy, 2019, 48, 103668.	3.3	124

#	Article	IF	Citations
19	The next phase of the energy transition and its implications for research and policy. Nature Energy, 2018, 3, 628-633.	19.8	353
20	Technology users and standardization: Game changing strategies in the field of smart meter technology. Technological Forecasting and Social Change, 2017, 118, 226-235.	6.2	14
21	Analysis of complementarities: Framework and examples from the energy transition. Technological Forecasting and Social Change, 2016, 111, 63-75.	6.2	97
22	Analysing Energy Transitions: Combining Insights from Transition Studies and International Political Economy. , 2016, , 291-318.		24
23	Institutional dynamics and technology legitimacy â€“ A framework and a case study on biogas technology. Research Policy, 2016, 45, 330-344.	3.3	201
24	Socio-technical transitions and policy change â€“ Advocacy coalitions in Swiss energy policy. Environmental Innovation and Societal Transitions, 2016, 18, 215-237.	2.5	201
25	The technological innovation systems framework: Response to six criticisms. Environmental Innovation and Societal Transitions, 2015, 16, 76-86.	2.5	156
26	Technological innovation systems in contexts: Conceptualizing contextual structures and interaction dynamics. Environmental Innovation and Societal Transitions, 2015, 16, 51-64.	2.5	367
27	Smart meter communication standards in Europe â€“ a comparison. Renewable and Sustainable Energy Reviews, 2015, 43, 1249-1262.	8.2	59
28	Informal institutions matter: Professional culture and the development of biogas technology. Environmental Innovation and Societal Transitions, 2013, 8, 20-41.	2.5	92
29	A capability perspective on performance deficiencies in utility firms. Utilities Policy, 2013, 25, 1-9.	2.1	13
30	A Capability Perspective on Performance Deficiencies in Utility Firms. Proceedings - Academy of Management, 2013, 1, aomafr.2012.018.	0.0	1
31	Sustainability transitions: An emerging field of research and its prospects. Research Policy, 2012, 41, 955-967.	3.3	2,210
32	Smart grids and the transformation of the electricity sector: ICT firms as potential catalysts for sectoral change. Energy Policy, 2012, 51, 895-906.	4.2	104
33	The Context of Innovation: How Established Actors Affect the Prospects of Bio-SNG Technology in Switzerland. Sustainability and Innovation, 2012, , 151-173.	0.1	0
34	Strategic responses to fuel cell hype and disappointment. Technological Forecasting and Social Change, 2012, 79, 1084-1098.	6.2	91
35	Networks and network resources in technological innovation systems: Towards a conceptual framework for system building. Technological Forecasting and Social Change, 2012, 79, 1032-1048.	6.2	202
36	Sustainability transitions in the making: A closer look at actors, strategies and resources. Technological Forecasting and Social Change, 2012, 79, 991-998.	6.2	487

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37	Context matters: How existing sectors and competing technologies affect the prospects of the Swiss Bio-SNG innovation system. Technological Forecasting and Social Change, 2011, 78, 635-649.	6.2	59
38	Creating and shaping innovation systems: Formal networks in the innovation system for stationary fuel cells in Germany. Energy Policy, 2011, 39, 1909-1922.	4.2	122
39	Transformation of Infrastructures: Sector Characteristics and Implications for Fundamental Change. Journal of Infrastructure Systems, 2011, 17, 107-117.	1.0	132
40	What happens after a hype? How changing expectations affected innovation activities in the case of stationary fuel cells. Technology Analysis and Strategic Management, 2010, 22, 317-338.	2.0	118
41	The exploratory analysis of trade-offs in strategic planning: Lessons from Regional Infrastructure Foresight. Technological Forecasting and Social Change, 2009, 76, 1150-1162.	6.2	36
42	The offshore trend: Structural changes in the wind power sector. Energy Policy, 2009, 37, 3545-3556.	4.2	96
43	Prospective analysis of technological innovation systems: Identifying technological and organizational development options for biogas in Switzerland. Research Policy, 2009, 38, 655-667.	3.3	86
44	Closing the Capability Gap: Strategic Planning for the Infrastructure Sector. California Management Review, 2009, 51, 30-50.	3.4	46
45	Actor-oriented analysis of innovation systems: exploring microâ€“meso level linkages in the case of stationary fuel cells. Technology Analysis and Strategic Management, 2008, 20, 443-464.	2.0	107
46	Technological innovation systems and the multi-level perspective: Towards an integrated framework. Research Policy, 2008, 37, 596-615.	3.3	885
47	Innovation processes in large technical systems: Market liberalization as a driver for radical change?. Research Policy, 2006, 35, 609-625.	3.3	205
48	The promotional impacts of green power products on renewable energy sources: direct and indirect eco-effects. Energy Policy, 2006, 34, 306-321.	4.2	52
49	Green hydropower: a new assessment procedure for river management. River Research and Applications, 2004, 20, 865-882.	0.7	81
50	The Impacts of Market Liberalization on Innovation Processes in the Electricity Sector. Energy and Environment, 2004, 15, 201-214.	2.7	21
51	Green Hydropower: The contribution of aquatic science research to the promotion of sustainable electricity. Aquatic Sciences, 2003, 65, 99-110.	0.6	42
52	Diffusion of green power products in Switzerland. Energy Policy, 2003, 31, 621-632.	4.2	59
53	Disclosure of electricity productsâ€"lessons from consumer research as guidance for energy policy. Energy Policy, 2003, 31, 1459-1474.	4.2	30
54	Eco-labeling of electricityâ€"strategies and tradeoffs in the definition of environmental standards. Energy Policy, 2001, 29, 885-897.	4.2	116

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55	Green Electricity from Alpine Hydropower Plants. Mountain Research and Development, 2001, 21, 19-24.	0.4	31
56	Renewable energy alternatives for developed countries. IEEE Transactions on Energy Conversion, 2000, 15, 481-493.	3.7	44
57	Green Pricing: Potentials And Limitations. IEEE Power Engineering Review, 1997, 17, 20-21.	0.1	0
58	Socio-Technical Transitions and Policy Change - Advocacy Coalitions in Swiss Energy Policy. SSRN Electronic Journal, 0, , .	0.4	0