

Manfred Fishedick

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,672
citations

361045

20
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

2003
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of technology and policy deep decarbonization pathway options for making energy-intensive industry production consistent with the Paris Agreement. <i>Journal of Cleaner Production</i> , 2018, 187, 960-973.	4.6	333
2	Renewable energy costs, potentials, barriers: Conceptual issues. <i>Energy Policy</i> , 2010, 38, 850-861.	4.2	227
3	Techno-economic evaluation of innovative steel production technologies. <i>Journal of Cleaner Production</i> , 2014, 84, 563-580.	4.6	185
4	Comparison of carbon capture and storage with renewable energy technologies regarding structural, economic, and ecological aspects in Germany. <i>International Journal of Greenhouse Gas Control</i> , 2007, 1, 121-133.	2.3	161
5	Public attitudes towards and demand for hydrogen and fuel cell vehicles: A review of the evidence and methodological implications. <i>Energy Policy</i> , 2010, 38, 5301-5310.	4.2	136
6	A pathway design framework for national low greenhouse gas emission development strategies. <i>Nature Climate Change</i> , 2019, 9, 261-268.	8.1	93
7	Low methane leakage from gas pipelines. <i>Nature</i> , 2005, 434, 841-842.	13.7	89
8	Towards sustainable energy systems: The related role of hydrogen. <i>Energy Policy</i> , 2006, 34, 1260-1270.	4.2	58
9	Multicriteria analysis of primary steelmaking technologies. <i>Journal of Cleaner Production</i> , 2016, 112, 1064-1076.	4.6	38
10	Scenario-based comparative assessment of potential future electricity systems – A new methodological approach using Germany in 2050 as an example. <i>Applied Energy</i> , 2016, 171, 555-580.	5.1	32
11	Review and Categorization of Digital Applications in the Energy Sector. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5350.	1.3	32
12	Tapping the leakages: Methane losses, mitigation options and policy issues for Russian long distance gas transmission pipelines. <i>International Journal of Greenhouse Gas Control</i> , 2007, 1, 387-395.	2.3	30
13	Concepts and Methodologies for Measuring the Sustainability of Cities. <i>Annual Review of Environment and Resources</i> , 2014, 39, 519-547.	5.6	29
14	Achieving Sustainable Development Goals in Nigeria’s power sector: assessment of transition pathways. <i>Climate Policy</i> , 2020, 20, 846-865.	2.6	27
15	Uncertainty management and the dynamic adjustment of deep decarbonization pathways. <i>Climate Policy</i> , 2016, 16, S47-S62.	2.6	26
16	Tracking sectoral progress in the deep decarbonisation of energy systems in Europe. <i>Energy Policy</i> , 2017, 110, 509-517.	4.2	25
17	Stakeholder acceptance of carbon capture and storage in Germany. <i>Energy Procedia</i> , 2009, 1, 4783-4787.	1.8	24
18	Energy potentials and sustainability – the case of sisal residues in Tanzania. <i>Energy for Sustainable Development</i> , 2012, 16, 312-319.	2.0	23

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19	Recent trend of industrial emissions in developing countries. <i>Applied Energy</i> , 2016, 166, 187-190.	5.1	23
20	Market perspectives of stationary fuel cells in a sustainable energy supply system – long-term scenarios for Germany. <i>Energy Policy</i> , 2006, 34, 793-803.	4.2	21
21	The role of hydrogen for the long term development of sustainable energy systems – a case study for Germany. <i>Solar Energy</i> , 2005, 78, 678-686.	2.9	12
22	Integrated assessment of CCS in the German power plant sector with special emphasis on the competition with renewable energy technologies. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2012, 17, 707-730.	1.0	9
23	A Decision Support System for Public Funding of Experimental Development in Energy Research. <i>Energies</i> , 2018, 11, 1357.	1.6	6
24	Energy Transition as Transdisciplinary Challenge Die Energiewende als transdisziplinäre Herausforderung. <i>Gaia</i> , 2011, 20, 202-204.	0.3	5
25	Russian Long Distance Gas Transmission Pipelines: Methane Losses, Mitigation Options, and Policy Issues. , 2006, , .		4
26	The Future of North Rhine-Westphalia-Participation of the Youth as Part of a Social Transformation towards Sustainable Development. <i>Sustainability</i> , 2017, 9, 1055.	1.6	4
27	Eine CO ₂ -Steuer als Instrument der Klimapolitik: notwendig, aber nur im Gesamtpaket wirkungsvoll und sozial gerecht. <i>Zeitschrift für Wirtschaftspolitik</i> , 2019, 68, 131-140.	0.1	4
28	Hydrogen derived from algae and cyanobacteria as a decentralized fueling option for hydrogen powered cars: Size, space, and cost characteristics of potential bioreactors. <i>International Journal of Sustainable Transportation</i> , 2020, 14, 325-334.	2.1	4
29	Perspektiven für den Ausbau der Wasserstoffinfrastruktur am Beispiel NRW. <i>Chemie-Ingenieur-Technik</i> , 2009, 81, 591-598.	0.4	3
30	Energy-economic and structural, and industrial policy analysis of re-fitting fossil fired power plants with CO ₂ capture in North Rhine-Westphalia/Germany. <i>Energy Procedia</i> , 2009, 1, 4023-4030.	1.8	3
31	Instrumente der Klimapolitik: effiziente Steuerung oder verfehlte Staatseingriffe?. <i>Wirtschaftsdienst</i> , 2019, 99, 163-180.	0.3	1
32	Emerging regulatory policies for eco-efficiency. , 2004, , .		1
33	Zwischen Atomausstieg, Verdrängungswettbewerb und Klimaschutz. <i>Environmental Sciences Europe</i> , 2001, 13, 191-191.	0.1	0
34	A phase model for the low-carbon transformation of energy systems in the MENA region. <i>Energy Transitions</i> , 2020, 4, 127-139.	3.6	0