

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	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
2	Achieving Sustainable Development Goals in Nigeria's power sector: assessment of transition pathways. <i>Climate Policy</i> , 2020, 20, 846-865.	2.6	27
3	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
4	A pathway design framework for national low greenhouse gas emission development strategies. <i>Nature Climate Change</i> , 2019, 9, 261-268.	8.1	93
5	Instrumente der Klimapolitik: effiziente Steuerung oder verfehlte Staatseingriffe?. <i>Wirtschaftsdienst</i> , 2019, 99, 163-180.	0.3	1
6	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
7	Review and Categorization of Digital Applications in the Energy Sector. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5350.	1.3	32
8	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
9	A Decision Support System for Public Funding of Experimental Development in Energy Research. <i>Energies</i> , 2018, 11, 1357.	1.6	6
10	Tracking sectoral progress in the deep decarbonisation of energy systems in Europe. <i>Energy Policy</i> , 2017, 110, 509-517.	4.2	25
11	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
12	Uncertainty management and the dynamic adjustment of deep decarbonization pathways. <i>Climate Policy</i> , 2016, 16, S47-S62.	2.6	26
13	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
14	Recent trend of industrial emissions in developing countries. <i>Applied Energy</i> , 2016, 166, 187-190.	5.1	23
15	Multicriteria analysis of primary steelmaking technologies. <i>Journal of Cleaner Production</i> , 2016, 112, 1064-1076.	4.6	38
16	Concepts and Methodologies for Measuring the Sustainability of Cities. <i>Annual Review of Environment and Resources</i> , 2014, 39, 519-547.	5.6	29
17	Techno-economic evaluation of innovative steel production technologies. <i>Journal of Cleaner Production</i> , 2014, 84, 563-580.	4.6	185
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

#	ARTICLE	IF	CITATIONS
19	Integrated assessment of CCS in the German power plant sector with special emphasis on the competition with renewable energy technologies. Mitigation and Adaptation Strategies for Global Change, 2012, 17, 707-730.	1.0	9
20	Energy Transition as Transdisciplinary Challenge Die Energiewende als transdisziplinäre Herausforderung. Gaia, 2011, 20, 202-204.	0.3	5
21	Public attitudes towards and demand for hydrogen and fuel cell vehicles: A review of the evidence and methodological implications. Energy Policy, 2010, 38, 5301-5310.	4.2	136
22	Renewable energy costs, potentials, barriers: Conceptual issues. Energy Policy, 2010, 38, 850-861.	4.2	227
23	Perspektiven für den Ausbau der Wasserstoffinfrastruktur am Beispiel NRW. Chemie-Ingenieur-Technik, 2009, 81, 591-598.	0.4	3
24	Energy-economic and structural, and industrial policy analysis of re-fitting fossil fired power plants with CO2 capture in North Rhine-Westphalia/Germany. Energy Procedia, 2009, 1, 4023-4030.	1.8	3
25	Stakeholder acceptance of carbon capture and storage in Germany. Energy Procedia, 2009, 1, 4783-4787.	1.8	24
26	Comparison of carbon capture and storage with renewable energy technologies regarding structural, economic, and ecological aspects in Germany. International Journal of Greenhouse Gas Control, 2007, 1, 121-133.	2.3	161
27	Tapping the leakages: Methane losses, mitigation options and policy issues for Russian long distance gas transmission pipelines. International Journal of Greenhouse Gas Control, 2007, 1, 387-395.	2.3	30
28	Russian Long Distance Gas Transmission Pipelines: Methane Losses, Mitigation Options, and Policy Issues. , 2006, , .		4
29	Towards sustainable energy systems: The related role of hydrogen. Energy Policy, 2006, 34, 1260-1270.	4.2	58
30	Market perspectives of stationary fuel cells in a sustainable energy supply system—long-term scenarios for Germany. Energy Policy, 2006, 34, 793-803.	4.2	21
31	The role of hydrogen for the long term development of sustainable energy systems—a case study for Germany. Solar Energy, 2005, 78, 678-686.	2.9	12
32	Low methane leakage from gas pipelines. Nature, 2005, 434, 841-842.	13.7	89
33	Emerging regulatory policies for eco-efficiency. , 2004, , .		1
34	Zwischen Atomausstieg, Verdrängungswettbewerb und Klimaschutz. Environmental Sciences Europe, 2001, 13, 191-191.	0.1	0