

Marie MÃ¼nster

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5049645/publications.pdf>

Version: 2024-02-01

40
papers

2,055
citations

201575

27
h-index

289141

40
g-index

41
all docs

41
docs citations

41
times ranked

2074
citing authors

#	ARTICLE	IF	CITATIONS
1	Competitiveness of a low specific power, low cut-out wind speed wind turbine in North and Central Europe towards 2050. <i>Applied Energy</i> , 2022, 306, 118043.	5.1	26
2	Optimal day-ahead dispatch of an alkaline electrolyser system concerning thermal–electric properties and state-transitional dynamics. <i>Applied Energy</i> , 2022, 307, 118091.	5.1	32
3	Should residual biomass be used for fuels, power and heat, or materials? Assessing costs and environmental impacts for China in 2035. <i>Energy and Environmental Science</i> , 2022, 15, 1950-1966.	15.6	18
4	The role of sector coupling in the green transition: A least-cost energy system development in Northern-central Europe towards 2050. <i>Applied Energy</i> , 2021, 289, 116685.	5.1	71
5	Potential role of renewable gas in the transition of electricity and district heating systems. <i>Energy Strategy Reviews</i> , 2020, 27, 100446.	3.3	29
6	Municipal solid waste available to the Chinese energy sector – Provincial projections to 2050. <i>Waste Management</i> , 2020, 112, 52-65.	3.7	42
7	Analysis on Electrofuels in Future Energy Systems: A 2050 Case Study. <i>Energy</i> , 2020, 199, 117408.	4.5	31
8	Modelling of renewable gas and renewable liquid fuels in future integrated energy systems. <i>Applied Energy</i> , 2020, 268, 114869.	5.1	33
9	Sector Coupling: Concepts, Potentials and Barriers. , 2020, , .		11
10	Uncertainties towards a fossil-free system with high integration of wind energy in long-term planning. <i>Applied Energy</i> , 2019, 253, 113528.	5.1	18
11	Impact and effectiveness of transport policy measures for a renewable-based energy system. <i>Energy Policy</i> , 2019, 133, 110900.	4.2	24
12	Pathways to climate-neutral shipping: A Danish case study. <i>Energy</i> , 2019, 188, 116009.	4.5	41
13	How to maximise the value of residual biomass resources: The case of straw in Denmark. <i>Applied Energy</i> , 2019, 250, 369-388.	5.1	55
14	TIMES-DK: Technology-rich multi-sectoral optimisation model of the Danish energy system. <i>Energy Strategy Reviews</i> , 2019, 23, 13-22.	3.3	54
15	Balmorel open source energy system model. <i>Energy Strategy Reviews</i> , 2018, 20, 26-34.	3.3	165
16	Utilizing thermal building mass for storage in district heating systems: Combined building level simulations and system level optimization. <i>Energy</i> , 2018, 153, 949-966.	4.5	80
17	The climate footprint of imports of combustible waste in systems with high shares of district heating and variable renewable energy. <i>Waste Management</i> , 2018, 79, 800-814.	3.7	17
18	STREAM – an energy scenario modelling tool. <i>Energy Strategy Reviews</i> , 2018, 21, 62-70.	3.3	14

#	ARTICLE	IF	CITATIONS
19	The economic value of imports of combustible waste in systems with high shares of district heating and variable renewable energy. <i>Waste Management</i> , 2018, 79, 324-338.	3.7	16
20	Optimizing the supply chain of biomass and biogas for a single plant considering mass and energy losses. <i>European Journal of Operational Research</i> , 2017, 262, 744-758.	3.5	42
21	Scenarios for sustainable heat supply and heat savings in municipalities - The case of Helsingør, Denmark. <i>Energy</i> , 2017, 137, 1252-1263.	4.5	34
22	Optimization of a flexible multi-generation system based on wood chip gasification and methanol production. <i>Applied Energy</i> , 2017, 192, 337-359.	5.1	22
23	Integration of large-scale heat pumps in the district heating systems of Greater Copenhagen. <i>Energy</i> , 2016, 107, 321-334.	4.5	105
24	A method for aggregating external operating conditions in multi-generation system optimization models. <i>Applied Energy</i> , 2016, 166, 59-75.	5.1	23
25	Current and future prospects for heat recovery from waste in European district heating systems: A literature and data review. <i>Energy</i> , 2016, 110, 116-128.	4.5	65
26	A methodology for designing flexible multi-generation systems. <i>Energy</i> , 2016, 110, 34-54.	4.5	29
27	Economic and environmental optimization of waste treatment. <i>Waste Management</i> , 2015, 38, 486-495.	3.7	47
28	Towards increased recycling of household waste: Documenting cascading effects and material efficiency of commingled recyclables and biowaste collection. <i>Journal of Environmental Management</i> , 2015, 157, 69-83.	3.8	38
29	Energy implications of mechanical and mechanical-biological treatment compared to direct waste-to-energy. <i>Waste Management</i> , 2013, 33, 1648-1658.	3.7	44
30	Policy schemes, operational strategies and system integration of residential co-generation fuel cells. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 3050-3063.	3.8	19
31	System and market integration of wind power in Denmark. <i>Energy Strategy Reviews</i> , 2013, 1, 143-156.	3.3	49
32	Future waste treatment and energy systems - examples of joint scenarios. <i>Waste Management</i> , 2013, 33, 2457-2464.	3.7	16
33	Influence of individual heat pumps on wind power integration - Energy system investments and operation. <i>Energy Conversion and Management</i> , 2013, 75, 673-684.	4.4	79
34	Challenges when performing economic optimization of waste treatment: A review. <i>Waste Management</i> , 2013, 33, 1918-1925.	3.7	42
35	The role of district heating in the future Danish energy system. <i>Energy</i> , 2012, 48, 47-55.	4.5	174
36	Optimization of use of waste in the future energy system. <i>Energy</i> , 2011, 36, 1612-1622.	4.5	116

#	ARTICLE	IF	CITATIONS
37	Comparing Waste-to-Energy technologies by applying energy system analysis. Waste Management, 2010, 30, 1251-1263.	3.7	81
38	Long-term affected energy production of waste to energy technologies identified by use of energy system analysis. Waste Management, 2010, 30, 2510-2519.	3.7	31
39	Uncertainties related to the identification of the marginal energy technology in consequential life cycle assessments. Journal of Cleaner Production, 2009, 17, 1331-1338.	4.6	154
40	Use of waste for heat, electricity and transport – Challenges when performing energy system analysis. Energy, 2009, 34, 636-644.	4.5	67