

# Dominik Franjo Dominkovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2765047/publications.pdf>

Version: 2024-02-01

21  
papers

1,081  
citations

471371

17  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reviewing two decades of energy system analysis with bibliometrics. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 153, 111749.	8.2	19
2	Frigg: Soft-linking energy system and demand response models. <i>Applied Energy</i> , 2022, 317, 119074.	5.1	6
3	On the value and potential of demand response in the smart island archipelago. <i>Renewable Energy</i> , 2021, 176, 153-168.	4.3	20
4	Renewable Energy Communities: Optimal sizing and distribution grid impact of photo-voltaics and battery storage. <i>Applied Energy</i> , 2021, 301, 117408.	5.1	45
5	Use of smart meters as feedback for district heating temperature control. <i>Energy Reports</i> , 2021, 7, 213-221.	2.5	7
6	An expert survey to assess the current status and future challenges of energy system analysis. <i>Smart Energy</i> , 2021, 4, 100057.	2.6	11
7	Implementing flexibility into energy planning models: Soft-linking of a high-level energy planning model and a short-term operational model. <i>Applied Energy</i> , 2020, 260, 114292.	5.1	27
8	Technical, economic and environmental optimization of district heating expansion in an urban agglomeration. <i>Energy</i> , 2020, 197, 117243.	4.5	30
9	Flexible Carbon Capture and Utilization technologies in future energy systems and the utilization pathways of captured CO <sub>2</sub> . <i>Renewable and Sustainable Energy Reviews</i> , 2019, 114, 109338.	8.2	136
10	District Cooling Versus Individual Cooling in Urban Energy Systems: The Impact of District Energy Share in Cities on the Optimal Storage Sizing. <i>Energies</i> , 2019, 12, 407.	1.6	17
11	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
12	Influence of different technologies on dynamic pricing in district heating systems: Comparative case studies. <i>Energy</i> , 2018, 153, 136-148.	4.5	26
13	Modelling smart energy systems in tropical regions. <i>Energy</i> , 2018, 155, 592-609.	4.5	43
14	The future of transportation in sustainable energy systems: Opportunities and barriers in a clean energy transition. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1823-1838.	8.2	218
15	Integrated Energy Planning with a High Share of Variable Renewable Energy Sources for a Caribbean Island. <i>Energies</i> , 2018, 11, 2193.	1.6	31
16	Waste to energy plant operation under the influence of market and legislation conditioned changes. <i>Energy</i> , 2017, 137, 1119-1129.	4.5	41
17	On the way towards smart energy supply in cities: The impact of interconnecting geographically distributed district heating grids on the energy system. <i>Energy</i> , 2017, 137, 941-960.	4.5	43
18	Potential of district cooling in hot and humid climates. <i>Applied Energy</i> , 2017, 208, 49-61.	5.1	50

#	ARTICLE	IF	CITATIONS
19	Economic feasibility of CHP facilities fueled by biomass from unused agriculture land: Case of Croatia. Energy Conversion and Management, 2016, 125, 222-229.	4.4	23
20	Zero carbon energy system of South East Europe in 2050. Applied Energy, 2016, 184, 1517-1528.	5.1	156
21	A hybrid optimization model of biomass trigeneration system combined with pit thermal energy storage. Energy Conversion and Management, 2015, 104, 90-99.	4.4	52