

# Wojciech Bujalski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/748430/publications.pdf>

Version: 2024-02-01

19  
papers

296  
citations

1307594

7  
h-index

1281871

11  
g-index

19  
all docs

19  
docs citations

19  
times ranked

353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy and exergy analysis of adiabatic compressed air energy storage system. Energy, 2017, 138, 12-18.	8.8	99
2	Operational optimization in district heating systems with the use of thermal energy storage. Energy, 2018, 165, 902-915.	8.8	68
3	Selection of refrigerants for a modified organic Rankine cycle. Energy, 2019, 168, 1-8.	8.8	35
4	Experimental investigation of CO <sub>2</sub> separation from lignite flue gases by 100 cm <sup>2</sup> single Molten Carbonate Fuel Cell. International Journal of Hydrogen Energy, 2014, 39, 1558-1563.	7.1	28
5	Modeling of District Heating Networks for the Purpose of Operational Optimization with Thermal Energy Storage. Archives of Thermodynamics, 2017, 38, 139-163.	1.0	22
6	Possibilities of Transition from Centralized Energy Systems to Distributed Energy Sources in Large Polish Cities. Energies, 2020, 13, 6007.	3.1	12
7	Seasonal Thermal Energy Storage - A Size Selection. Applied Mechanics and Materials, 2013, 467, 270-276.	0.2	11
8	Experimental Investigation of CO <sub>2</sub> Separation from Lignite Flue Gases by 100 cm <sup>2</sup> Single Molten Carbonate Fuel Cell. Applied Mechanics and Materials, 0, 376, 299-303.	0.2	6
9	STES Typical Scenarios for Heat Accumulator Cooperation. Energy Procedia, 2014, 50, 414-420.	1.8	5
10	Experimental Investigation of CO <sub>2</sub> Separation from Hard Coal Flue Gases by 100 cm <sup>2</sup> Molten Carbonate Fuel Cell. Applied Mechanics and Materials, 0, 302, 97-103.	0.2	3
11	Boosting the Efficiency of an 800 MW-Class Power Plant through Utilization of Low Temperature Heat of Flue Gases. Applied Mechanics and Materials, 2013, 483, 315-321.	0.2	3
12	Selected issues related to heat storage tank modelling and optimisation aimed at forecasting its operation. Archives of Thermodynamics, 2011, 32, 3-31.	1.0	2
13	A model of the novel concept liquid piston engine sourced by waste heat. MATEC Web of Conferences, 2018, 240, 05003.	0.2	1
14	Reducing CO <sub>2</sub> Emissions from Flue Gases using a Molten Carbonate Fuel Cell. , 2012, , .		1
15	Heat Accumulator in Large District Heating Systems: Simulation and Optimisation. , 2010, , .		0
16	Determination of Electronic Conductance of 100 cm <sup>2</sup> Single Molten Carbonate Fuel Cell. Applied Mechanics and Materials, 2013, 346, 23-28.	0.2	0
17	Close loop optimisation of large CHP based on approximation model. E3S Web of Conferences, 2019, 137, 01051.	0.5	0
18	F302 ON-LINE OPTIMIZATION OF THE LOAD DISTRIBUTION IN POWER GENERATING INSTALLATION. The Proceedings of the International Conference on Power Engineering (ICOPE), 2003, 2003.3, _3-383_-_3-388_.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Utilization of Flue Gas Low Temperature Heat from Combined Heat and Power Unit of 100 MW. Advanced Science Letters, 2013, 19, 2123-2127.	0.2	0