

# Tadeusz J Chmielniak

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

166  
citations

1478505

6  
h-index

1199594

12  
g-index

24  
all docs

24  
docs citations

24  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of membrane CO <sub>2</sub> separation on the efficiency of a coal-fired power plant. Energy, 2010, 35, 841-850.	8.8	55
2	Experimental and numerical investigations of the averaging Pitot tube and analysis of installation effects on the flow coefficient. Flow Measurement and Instrumentation, 2008, 19, 301-306.	2.0	36
3	Numerical Method for Modeling of Acoustic Waves Propagation. Archives of Acoustics, 2010, 35, .	0.8	11
4	Analysis of gas turbine combined heat and power system for carbon capture installation of coal-fired power plant. Energy, 2012, 45, 125-133.	8.8	9
5	The use of air-bottoming cycle as a heat source for the carbon dioxide capture installation of a coal-fired power unit. Archives of Thermodynamics, 2011, 32, 89-101.	1.0	8
6	Technical and Economic Analysis of the Gas Turbine Air Bottoming Cycle. , 2012, , .		7
7	Analysis of Cycle Configurations for the Modernization of Combined Heat and Power Plant by Fitting a Gas Turbine System. Journal of Engineering for Gas Turbines and Power, 2004, 126, 816-822.	1.1	6
8	Models for water steam condensing flows. Archives of Thermodynamics, 2012, 33, 67-86.	1.0	6
9	Coupled Analysis of Cooled Gas Turbine Blades. , 2003, , 551.		4
10	Optimization of Cooling Passages Within a Turbine Vane. , 2005, , 519.		4
11	Condensing power plant cycle " assessing possibilities of improving its efficiency. Archives of Thermodynamics, 2010, 31, 105-113.	1.0	4
12	Selection of the air heat exchanger operating in a gas turbine air bottoming cycle. Archives of Thermodynamics, 2013, 34, 93-106.	1.0	4
13	Analysis of the Biomass Integrated Combined Cycles With Two Different Structures of Gas Turbines. , 2008, , .		3
14	Analysis of Thermal and Stress States in Transient Operation of a Turbine Co-operating with Twinboiler. Heat Transfer Engineering, 2018, 39, 1251-1259.	1.9	3
15	Energy and economic analysis of the carbon dioxide capture installation with the use of monoethanolamine and ammonia. Archives of Thermodynamics, 2015, 36, 93-110.	1.0	2
16	Determination of Performance and Parameters for Turboprop and Turboshift Engine for Modification through Change of Gas Temperature Before Turbine. International Journal of Turbo and Jet Engines, 2008, 25, .	0.7	1
17	Aerodynamic Noise Assessment Using CFD/CAA Technique. , 2008, , .		1
18	Comparative analysis of energy potential of three ways of configuration of a condenser power plant thermal cycle. Polish Maritime Research, 2008, 15, 30-36.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Investigation of a combined gas-steam system with flue gas recirculation. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2016, 37, 305-316.	0.7	1
20	Analysis of Cycle Configurations for the Modernization of Combined Heat and Power Plant by Fitting a Gas Turbine System. , 2003, , 739.		0
21	Technical and Economic Analysis of Biomass Integrated Gasification Combined Cycle. , 2010, , .		0
22	Selecting optimal conditions for the turbine warm and hot start-up. E3S Web of Conferences, 2019, 137, 01025.	0.5	0
23	On-Line Performance Evaluation of CHP Plant With Cooled Gas Turbine Supported by Off-Line Analysis Results. , 2005, , .		0
24	Support for Operation Strategy in CHP Plants With Gas Turbines. , 2006, , .		0