

# Maciej Chaczykowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6329992/publications.pdf>

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15  
papers

474  
citations

1162367

8  
h-index

1199166

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of isothermal and non-isothermal pipeline gas flow models. Chemical Engineering Journal, 2001, 81, 41-51.	6.6	131
2	Transient flow in natural gas pipeline – The effect of pipeline thermal model. Applied Mathematical Modelling, 2010, 34, 1051-1067.	2.2	116
3	Simulation of natural gas quality distribution for pipeline systems. Energy, 2017, 134, 681-698.	4.5	48
4	Sensitivity of pipeline gas flow model to the selection of the equation of state. Chemical Engineering Research and Design, 2009, 87, 1596-1603.	2.7	44
5	Gas composition tracking in transient pipeline flow. Journal of Natural Gas Science and Engineering, 2018, 55, 321-330.	2.1	31
6	Dynamic simulation of pipelines containing dense phase/supercritical CO <sub>2</sub> -rich mixtures for carbon capture and storage. International Journal of Greenhouse Gas Control, 2012, 9, 446-456.	2.3	30
7	Modeling and Simulation of Gas Distribution Networks in a Multienergy System Environment. Proceedings of the IEEE, 2020, 108, 1580-1595.	16.4	28
8	Exergy-based analysis of gas transmission system with application to Yamal-Europe pipeline. Applied Energy, 2011, 88, 2219-2230.	5.1	27
9	Dynamic Control for Gas Pipeline Systems. Archives of Mining Sciences, 2016, 61, 69-82.	0.6	9
10	Comparative assesment of steady-state pipeline gas flow models / Analiza porównawcza modeli przepływu gazu w rurociągu w stanach ustalonych. Archives of Mining Sciences, 2012, 57, 23-38.	0.6	6
11	Organic Rankine Cycle for Residual Heat to Power Conversion in Natural Gas Compressor Station. Part II: Plant Simulation and Optimisation Study. Archives of Mining Sciences, 2016, 61, 259-274.	0.6	3
12	Non-linear optimization of high-pressure gas networks with respect to hydrate control / Nieliniowa optymalizacja sieci gazowej wysokiego ciśnienia z uwzględnieniem zapobieganiu hydratów. Archives of Mining Sciences, 2012, 57, 627-643.	0.6	1
13	Assessing Hydrate Formation in Natural Gas Pipelines Under Transient Operation / Ocena zjawiska tworzenia się hydratów w warunkach niustalonego przepływu gazu w gazociągach. Archives of Mining Sciences, 2013, 58, 131-144.	0.6	0
14	Organic Rankine Cycle for Residual Heat to Power Conversion in Natural Gas Compressor Station. Part I: Modelling and Optimisation Framework. Archives of Mining Sciences, 2016, 61, 245-258.	0.6	0
15	Conceptual design of multi-source CCS pipeline transportation network for Polish energy sector. E3S Web of Conferences, 2017, 22, 00069.	0.2	0