Maciej Chaczykowski

List of Publications by Year
in descending order

15 papers	474 citations	1163117 8 h-index	1199594 12 g-index
15 all docs	15 docs citations	15 times ranked	399 citing authors

#	Article	IF	Citations
1	Modeling and Simulation of Gas Distribution Networks in a Multienergy System Environment. Proceedings of the IEEE, 2020, 108, 1580-1595.	21.3	28
2	Gas composition tracking in transient pipeline flow. Journal of Natural Gas Science and Engineering, 2018, 55, 321-330.	4.4	31
3	Simulation of natural gas quality distribution for pipeline systems. Energy, 2017, 134, 681-698.	8.8	48
4	Conceptual design of multi-source CCS pipeline transportation network for Polish energy sector. E3S Web of Conferences, 2017, 22, 00069.	0.5	0
5	Dynamic Control for Gas Pipeline Systems. Archives of Mining Sciences, 2016, 61, 69-82.	0.6	9
6	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
7	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
8	Assessing Hydrate Formation in Natural Gas Pipelines Under Transient Operation / Ocena zjawiska tworzenia siÄ™ hydratÃ³w w warunkach nieustalonego przepÅ‚ywu gazu w gazociÄ…gach. Archives of Mining Sciences, 2013, 58, 131-144.	0.6	0
9	Non-linear optimization of high-pressure gas networks with respect to hydrate control / Nieliniowa optymalizacja sieci gazowej wysokiego ciÅ›nienia z uwzglÄ™dnieniem zapobieganiu hydratÃ³w. Archives of Mining Sciences, 2012, 57, 627-643.	0.6	1
10	Comparative assesment of steady-state pipeline gas flow models / Analiza porÃ³wnawcza modeli przepÅ‚ywu gazu w rurociÄ…gu w stanach ustalonych. Archives of Mining Sciences, 2012, 57, 23-38.	0.6	6
11	Dynamic simulation of pipelines containing dense phase/supercritical CO2-rich mixtures for carbon capture and storage. International Journal of Greenhouse Gas Control, 2012, 9, 446-456.	4.6	30
12	Exergy-based analysis of gas transmission system with application to Yamal-Europe pipeline. Applied Energy, 2011, 88, 2219-2230.	10.1	27
13	Transient flow in natural gas pipeline â€" The effect of pipeline thermal model. Applied Mathematical Modelling, 2010, 34, 1051-1067.	4.2	116
14	Sensitivity of pipeline gas flow model to the selection of the equation of state. Chemical Engineering Research and Design, 2009, 87, 1596-1603.	5.6	44
15	Comparison of isothermal and non-isothermal pipeline gas flow models. Chemical Engineering Journal, 2001, 81, 41-51.	12.7	131