

Marian Wiatowski

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

738
citations

687363

13
h-index

839539

18
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21
all docs

21
docs citations

21
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Gasification of lignite and hard coal with air and oxygen enriched air in a pilot scale ex situ reactor for underground gasification. <i>Fuel</i> , 2011, 90, 1953-1962.	6.4	121
2	Experimental simulation of hard coal underground gasification for hydrogen production. <i>Fuel</i> , 2012, 91, 40-50.	6.4	112
3	Environmental aspects of a field-scale underground coal gasification trial in a shallow coal seam at the Experimental Mine Barbara in Poland. <i>Fuel</i> , 2013, 113, 196-208.	6.4	95
4	Dynamic experimental simulation of hydrogen oriented underground gasification of lignite. <i>Fuel</i> , 2010, 89, 3307-3314.	6.4	71
5	Semi-technical underground coal gasification (UCG) using the shaft method in Experimental Mine "Barbara". <i>Fuel</i> , 2012, 99, 170-179.	6.4	70
6	Technological aspects of underground coal gasification in the Experimental "Barbara" Mine. <i>Fuel</i> , 2015, 159, 454-462.	6.4	43
7	An experimental ex-situ study of the suitability of a high moisture ortho-lignite for underground coal gasification (UCG) process. <i>Fuel</i> , 2016, 179, 150-155.	6.4	42
8	Pilot-scale underground coal gasification (UCG) experiment in an operating Mine "Wieczorek" in Poland. <i>Energy</i> , 2016, 111, 313-321.	8.8	41
9	Ex-situ experimental simulation of hard coal underground gasification at elevated pressure. <i>Fuel</i> , 2016, 184, 401-408.	6.4	27
10	Evolution of tar compounds in raw gas from a pilot-scale underground coal gasification (UCG) trial at Wieczorek mine in Poland. <i>Fuel</i> , 2020, 276, 118070.	6.4	24
11	Modelling of Gas Flow in the Underground Coal Gasification Process and its Interactions with the Rock Environment. <i>Journal of Sustainable Mining</i> , 2013, 12, 8-20.	0.2	18
12	Efficiency assessment of underground gasification of ortho- and meta-lignite: High-pressure ex situ experimental simulations. <i>Fuel</i> , 2019, 236, 221-227.	6.4	17
13	Large-scale Experimental Investigations to Evaluate the Feasibility of Producing Methane-Rich Gas (SNG) through Underground Coal Gasification Process. Effect of Coal Rank and Gasification Pressure. <i>Energies</i> , 2020, 13, 1334.	3.1	15
14	Analysis and characteristics of tars collected during a pilot-scale underground coal gasification (UCG) trial. <i>Fuel</i> , 2017, 208, 595-601.	6.4	12
15	An exsitu underground coal gasification experiment with a siderite interlayer: course of the process, production gas, temperatures and energy efficiency. <i>International Journal of Coal Science and Technology</i> , 2021, 8, 1447-1460.	6.0	12
16	Study of properties of tar obtained from underground coal gasification trials. <i>Fuel</i> , 2018, 228, 206-214.	6.4	9
17	Comparison of the Contaminants in the Wastewater Produced in the Ex Situ Underground Ortho- and Meta-Lignite Gasification. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	4
18	Changes in properties of tar obtained during underground coal gasification process. <i>International Journal of Coal Science and Technology</i> , 2021, 8, 1054-1066.	6.0	4

#	ARTICLE	IF	CITATIONS
19	UPTAKE OF PHOSPHORUS BY FILAMENTOUS BACTERIA AND THE ROLE OF CATION ON POLYPHOSPHATES COMPOSITION. Environmental Technology (United Kingdom), 2008, 29, 67-73.	2.2	0