

Tomas Hlincik

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

264
citations

1684188

5
h-index

996975

15
g-index

30
all docs

30
docs citations

30
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	The water gas shift reaction: Catalysts and reaction mechanism. Fuel, 2021, 288, 119817.	6.4	106
2	Reaction mechanisms of carbon dioxide methanation. Chemical Papers, 2016, 70, .	2.2	50
3	Desulfurization of boiler flue gas by means of activated calcium oxide. Fuel Processing Technology, 2013, 111, 62-67.	7.2	24
4	Evaluation of limestones for the purposes of desulphurisation during the fluid combustion of brown coal. Fuel, 2013, 104, 208-215.	6.4	21
5	The design and utilization of a high-temperature helium loop and other facilities for the study of advanced gas-cooled reactors in the Czech Republic. Progress in Nuclear Energy, 2015, 85, 156-163.	2.9	19
6	Natural Gas Odorization. , 0, , .		10
7	Pilot unit of carbon dioxide methanation using nickel-based catalysts. Chemical Papers, 2018, 72, 2339-2346.	2.2	6
8	Use of technical lanoline from adjustment of sheep wool in desulfurization of fluidized-bed combustors. Fuel Processing Technology, 2011, 92, 1475-1479.	7.2	4
9	Oxy-fuel combustion of natural gas: A review. Paliva, 0, , 162-168.	0.0	4
10	Advanced Catalysts for the Water Gas Shift Reaction. Crystals, 2022, 12, 509.	2.2	4
11	A Comparison of the Efficiency of Catalysts Based on Ni, Ni-Co and Ni-Mo in Pressure Pyrolysis of Biomass Leading to Hythane. Catalysts, 2021, 11, 1480.	3.5	3
12	DETERMINATION OF WATER CONTENT IN PYROLYTIC TARS USING COULOMETRIC KARL-FISHER TITRATION. Acta Polytechnica, 2017, 57, 8-13.	0.6	2
13	Apparatus for testing He leakage through flange gaskets at elevated pressure and temperature. Progress in Nuclear Energy, 2021, 139, 103831.	2.9	2
14	THE EFFECT OF LONG-TERM EXPOSURE TO HIGH TEMPERATURE ATMOSPHERE ON THE MECHANICAL PROPERTIES OF Al ₂ O ₃ -BASED CERAMIC MATERIALS. Ceramics - Silikaty, 2019, , 35-39.	0.3	2
15	Přeměna vodíku a oxidu uhličitého na methan. Paliva, 0, , 7.	0.0	2
16	The measurement of helium leakages through flange gaskets for gas-cooled fast reactors. Nuclear Engineering and Design, 2020, 367, 110783.	1.7	1
17	Effect of low pressure on catalytic methanization using nickel catalyst. Paliva, 0, , 7-11.	0.0	1
18	Transformation of coal-fired power plants on steam-gas power plants. Paliva, 0, , 102-106.	0.0	1

#	ARTICLE	IF	CITATIONS
19	Aluminium-Containing Municipal-Waste Ash and the Greenhouse Effect. Polish Journal of Environmental Studies, 2020, 29, 1095-1100.	1.2	1
20	Enrichment of Limestone Used in the Desulphurisation of Fluidised-Bed-Boiler Flue Gases. Adsorption Science and Technology, 2021, 2021, 1-9.	3.2	1
21	A new theory of the creation of biomethane from aluminium-containing inorganic wastes. Journal of Material Cycles and Waste Management, 2016, 18, 258-262.	3.0	0
22	Prediction of Flammability Limits for Gases from the Decontamination Evaporation-Condensation Process of Oil Sludge. Arabian Journal for Science and Engineering, 2018, 43, 2481-2489.	3.0	0
23	Hydrogen for transport. Paliva, 0, , 42-49.	0.0	0
24	CO2 power cycle chemistry in the CV 1/4 experimental loop. Acta Polytechnica, 2021, 61, 504-510.	0.6	0
25	PlynovodnĚ sady jako zdroj informacĚ o stavu plynĚrenskĚ soustavy. Paliva, 0, , 87.	0.0	0
26	SklenĚnĚ obalĚ mlĚnĚch vĚrobkĚ a tvorba sklenĚkovĚch plynĚ. Paliva, 0, , 63.	0.0	0
27	Plynovod Nord Stream. Paliva, 0, , 110.	0.0	0
28	The Application of an Expansion Turbine in the Production of Expanded Aggregates. Paliva, 0, , 149-154.	0.0	0
29	Influence of the Calcination Temperature on the properties of The Alumina as Catalyst Support for Catalysis. Paliva, 0, , 155-161.	0.0	0
30	Properties and Analysis of Gaseous Alternative Fuels I: Hydrogen and liquefied petroleum gases. Paliva, 0, , 79-89.	0.0	0