

Marcin Lutynski

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

311
citations

1307543

7
h-index

839512

18
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29
all docs

29
docs citations

29
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Swelling and sorption experiments on methane, nitrogen and carbon dioxide on dry Selar Cornish coal. <i>International Journal of Coal Geology</i> , 2010, 84, 39-48.	5.0	134
2	Characteristics of carbon dioxide sorption in coal and gas shale – The effect of particle size. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 28, 558-565.	4.4	50
3	Characterization of Diatomaceous Earth and Halloysite Resources of Poland. <i>Minerals (Basel)</i> , 2019, 9, 1078. <small>Tj ETQq1 1 0.784314 rgBT /Overlock 10</small>	2.8	28
4	An overview of potential benefits and limitations of Compressed Air Energy Storage in abandoned coal mines. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 268, 012006.	0.6	23
5	CO ₂ sorption of Pomeranian gas bearing shales – the effect of clay minerals. <i>Energy Procedia</i> , 2017, 125, 457-466.	1.8	13
6	Hydrogen Permeability of Epoxy Composites as Liners in Lined Rock Caverns – Experimental Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3885.	2.5	11
7	Sorption of CO ₂ and CH ₄ on Raw and Calcined Halloysite – Structural and Pore Characterization Study. <i>Materials</i> , 2020, 13, 917.	2.9	9
8	Underground coal mine workings as potential places for Compressed Air Energy Storage. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 545, 012014.	0.6	6
9	Adsorption of CO ₂ on In Situ Functionalized Straw Burning Ashes – An Innovative, Circular Economy-Based Concept for Limitation of Industrial-Scale Greenhouse Gas Emission. <i>Energies</i> , 2022, 15, 1352.	3.1	5
10	Permeability Modeling and Estimation of Hydrogen Loss through Polymer Sealing Liners in Underground Hydrogen Storage. <i>Energies</i> , 2022, 15, 2663.	3.1	4
11	IN-SITU TREATMENT OF GROUNDWATER CONTAMINATED WITH UNDERGROUND COAL GASIFICATION PRODUCTS / OCZYSZCZANIE IN-SITU WĄD PODZIEMNYCH ZANIECZYSZCZONYCH PRZEZ PRODUKTY PODZIEMNEGO ZGAZOWANIA WĄGLA. <i>Archives of Mining Sciences</i> , 2013, 58, 1263-1278.	0.6	3
12	Reuse of Cement Kiln Dust for backfilling and CO ₂ carbonation. <i>E3S Web of Conferences</i> , 2017, 18, 01014.	0.5	3
13	Substitution of magnetite in dense medium separation by Zinc-Lead waste. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 427, 012036.	0.6	3
14	Reuse of Cement Kiln Dust for backfilling and CO ₂ carbonation. <i>E3S Web of Conferences</i> , 2017, 18, 01014.	0.5	3
15	Adequacy of equation of state models for determination of adsorption of gas mixtures in a manometric set up. <i>International Journal of Coal Geology</i> , 2012, 89, 114-122.	5.0	2
16	The impact of CO ₂ injection on steel balls embedment in shale rock – Experimental research. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 56, 619-628.	4.4	2
17	Total gas in-place calculations for the Baltic-Podlasie-Lublin basin shales in Poland. <i>E3S Web of Conferences</i> , 2016, 8, 01053.	0.5	1
18	Coal waste slurries as a fuel for integrated gasification combined cycle plants. <i>E3S Web of Conferences</i> , 2016, 8, 01056.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Purification of Dunino halloysite by H ₂ SO ₄ leaching and magnetic separation. E3S Web of Conferences, 2016, 8, 01032.	0.5	1
20	Carbon dioxide sorption on EDTA modified halloysite. E3S Web of Conferences, 2016, 8, 01054.	0.5	1
21	Application of petrophysical shale gas model for CO ₂ storage capacity assessment of coals. IOP Conference Series: Earth and Environmental Science, 2018, 174, 012005.	0.3	1
22	Review of technologies for low-quality solid fuel gasification. IOP Conference Series: Materials Science and Engineering, 2019, 545, 012012.	0.6	1
23	Shock and Vibration Induced by Mining Extraction 2016. Shock and Vibration, 2016, 2016, 1-1.	0.6	0
24	Impact of spiral separator geometrical parameters on the density separation of various fine-grained materials. E3S Web of Conferences, 2017, 18, 01035.	0.5	0
25	Sorption rate of CH ₄ and CO ₂ in coal at different pressure ranges. IOP Conference Series: Materials Science and Engineering, 2018, 427, 012039.	0.6	0
26	Impact of spiral separator geometrical parameters on the density separation of various fine-grained materials. E3S Web of Conferences, 2017, 18, 01035.	0.5	0
27	Experimental and numerical investigation of CO ₂ "brine" rock interactions in the early Palaeozoic mudstones from the Polish part of the Baltic Basin at simulated in situ conditions. , 2020, 10, 567-590.		0