Marcin Lutynski

List of Publications by Year
in descending order

27 papers	311 citations	1307594 7 h-index	839539 18 g-index
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. International Journal of Coal Geology, 2010, 84, 39-48.	5.0	134
2	Characteristics of carbon dioxide sorption in coal and gas shale â€“ The effect of particle size. Journal of Natural Gas Science and Engineering, 2016, 28, 558-565.	4.4	50
3	Characterization of Diatomaceous Earth and Halloysite Resources of Poland. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.6	28
4	An overview of potential benefits and limitations of Compressed Air Energy Storage in abandoned coal mines. IOP Conference Series: Materials Science and Engineering, 2017, 268, 012006.	0.6	23
5	CO 2 sorption of Pomeranian gas bearing shales â€“ the effect of clay minerals. Energy Procedia, 2017, 125, 457-466.	1.8	13
6	Hydrogen Permeability of Epoxy Composites as Liners in Lined Rock Cavernsâ€”Experimental Study. Applied Sciences (Switzerland), 2021, 11, 3885.	2.5	11
7	Sorption of CO2 and CH4 on Raw and Calcined Halloysiteâ€”Structural and Pore Characterization Study. Materials, 2020, 13, 917.	2.9	9
8	Underground coal mine workings as potential places for Compressed Air Energy Storage. IOP Conference Series: Materials Science and Engineering, 2019, 545, 012014.	0.6	6
9	Adsorption of CO2 on In Situ Functionalized Straw Burning Ashesâ€”An Innovative, Circular Economy-Based Concept for Limitation of Industrial-Scale Greenhouse Gas Emission. Energies, 2022, 15, 1352.	3.1	5
10	Permeability Modeling and Estimation of Hydrogen Loss through Polymer Sealing Liners in Underground Hydrogen Storage. Energies, 2022, 15, 2663.	3.1	4
11	IN-SITU TREATMENT OF GROUNDWATER CONTAMINATED WITH UNDERGROUND COAL GASIFICATION PRODUCTS / OCZYSZCZANIE IN-SITU WÃ“D PODZIEMNYCH ZANIECZYSZCZONYCH PRZEZ PRODUKTY PODZIEMNEGO ZGAZOWANIA WÄ˛GLA. Archives of Mining Sciences, 2013, 58, 1263-1278.	0.6	3
12	Reuse of Cement Kiln Dust for backfilling and CO2 carbonation. E3S Web of Conferences, 2017, 18, 01014.	0.5	3
13	Substitution of magnetite in dense medium separation by Zinc-Lead waste. IOP Conference Series: Materials Science and Engineering, 0, 427, 012036.	0.6	3
14	Reuse of Cement Kiln Dust for backfilling and CO2 carbonation. E3S Web of Conferences, 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. International Journal of Coal Geology, 2012, 89, 114-122.	5.0	2
16	The impact of CO2 injection on steel balls embedment in shale rock â€“ Experimental research. Journal of Natural Gas Science and Engineering, 2018, 56, 619-628.	4.4	2
17	Total gas in-place calculations for the Baltic-Podlasie-Lublin basin shales in Poland. E3S Web of Conferences, 2016, 8, 01053.	0.5	1
18	Coal waste slurries as a fuel for integrated gasification combined cycle plants. E3S Web of Conferences, 2016, 8, 01056.	0.5	1

#	Article	IF	Citations
19	Purification of Dunino halloysite by H2SO4leaching 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 CO2 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 CH4 and CO2 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 â€“brineâ€“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