

Tomasz Spietz

List of Publications by Year in descending order

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papers

305
citations

1040056

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docs citations

19
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of Amine Solvents Used for CO ₂ Removal from Flue Gas with High CO ₂ Concentration. <i>Architecture Civil Engineering Environment</i> , 2021, 14, 115-124.	0.6	1
2	Pilot plant initial results for the methanation process using CO ₂ from amine scrubbing at the Ąaziska power plant in Poland. <i>Fuel</i> , 2020, 263, 116804.	6.4	44
3	Experimental results of amine emission from the CO ₂ capture process using 2-amino-2-methyl-1-propanol (AMP) with piperazine (PZ). <i>International Journal of Greenhouse Gas Control</i> , 2020, 102, 103155.	4.6	8
4	Experimental results of advanced technological modifications for a CO ₂ capture process using amine scrubbing. <i>International Journal of Greenhouse Gas Control</i> , 2020, 96, 103014.	4.6	39
5	Ditlenek w Ąmglu z instalacji absorpcji aminowej. Zalecenia dotyczĄ...ce jako Ąci. <i>Przemysl Chemiczny</i> , 2020, 1, 40-44.	0.0	0
6	Simple method for determining CO ₂ loading of partially carbonated aqueous ammonia solutions using pH and density measurements. <i>International Journal of Greenhouse Gas Control</i> , 2019, 87, 80-88.	4.6	4
7	Laboratory Studies of Ammonia Emissions from the CO ₂ Capture Process Using Aqueous Ammonia from the Solvay Process. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2835-2843.	1.2	2
8	Ammonia emission from CO ₂ capture pilot plant using aminoethylethanolamine. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1085-1092.	3.5	17
9	Density correlation of carbonated amine solvents for CO ₂ loading determination. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2018, 13, e2248.	1.5	4
10	Experimental results of split flow process using AMP/PZ solution for post-combustion CO ₂ capture. , 2017, 7, 550-561.		12
11	Process development unit experimental studies of a split-flow modification for the post-combustion CO ₂ capture process. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2017, 12, 283-291.	1.5	5
12	Solvent selection for CO ₂ capture from gases with high carbon dioxide concentration. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2275-2283.	2.7	38
13	Nitrosamines and nitramines in Carbon Capture plants. <i>Ochrona Srodowiska I Zasobow Naturalnych</i> , 2017, 28, 43-50.	0.3	5
14	Density of unloaded and CO ₂ -loaded aqueous solutions of piperazine and 2-amino-2-methyl-1-propanol and their mixtures from 293.15 to 333.15 K. <i>Physics and Chemistry of Liquids</i> , 2016, 54, 475-486.	1.2	10
15	Laboratory Studies of Post-combustion CO ₂ Capture by Absorption with MEA and AMP Solvents. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 371-379.	1.1	20
16	Demonstration of a post-combustion carbon capture pilot plant using amine-based solvents at the Ąaziska Power Plant in Poland. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 151-160.	4.1	58
17	PDU-Scale Experimental Results of CO ₂ Removal With Amp/Pz Solvent. <i>Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa</i> , 2015, 36, 39-48.	0.7	19
18	A Selection of Amine Sorbents for CO ₂ Capture from Flue Gases. <i>Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa</i> , 2015, 36, 49-57.	0.7	14

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19	Predicting normal densities of amines using quantitative structure-property relationship (QSPR). SAR and QSAR in Environmental Research, 2015, 26, 893-904.	2.2	5