Tomasz Spietz

List of Publications by Year
in descending order

19	305	1040056 9	888059 17
papers	citations	h-index	g-index

19	19	19	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Demonstration of a post-combustion carbon capture pilot plant using amine-based solvents at the Åaziska Power Plant in Poland. Clean Technologies and Environmental Policy, 2016, 18, 151-160.	4.1	58
2	Pilot plant initial results for the methanation process using CO2 from amine scrubbing at the Åaziska power plant in Poland. Fuel, 2020, 263, 116804.	6.4	44
3	Experimental results of advanced technological modifications for a CO2 capture process using amine scrubbing. International Journal of Greenhouse Gas Control, 2020, 96, 103014.	4.6	39
4	Solvent selection for CO2 capture from gases with high carbon dioxide concentration. Korean Journal of Chemical Engineering, 2017, 34, 2275-2283.	2.7	38
5	Laboratory Studies of Post-combustion CO2 Capture by Absorption with MEA and AMP Solvents. Arabian Journal for Science and Engineering, 2016, 41, 371-379.	1.1	20
6	PDU-Scale Experimental Results of CO2 Removal With Amp/Pz Solvent. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2015, 36, 39-48.	0.7	19
7	Ammonia emission from CO2 capture pilot plant using aminoethylethanolamine. International Journal of Environmental Science and Technology, 2018, 15, 1085-1092.	3.5	17
8	A Selection of Amine Sorbents for CO2 Capture from Flue Gases. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2015, 36, 49-57.	0.7	14
9	Experimental results of split flow process using AMP/PZ solution for postâ€combustion CO₂ capture. , 2017, 7, 550-561.		12
10	Density of unloaded and CO₂-loaded aqueous solutions of piperazine and 2-amino-2-methyl-1-propanol and their mixtures from 293.15 to 333.15ÂK. Physics and Chemistry of Liquids, 2016, 54, 475-486.	1.2	10
11	Experimental results of amine emission from the CO2 capture process using 2-amino-2-methyl-1-propanol (AMP) with piperazine (PZ). International Journal of Greenhouse Gas Control, 2020, 102, 103155.	4.6	8
12	Predicting normal densities of amines using quantitative structure-property relationship (QSPR). SAR and QSAR in Environmental Research, 2015, 26, 893-904.	2.2	5
13	Process development unit experimental studies of a splitâ€flow modification for the postâ€combustion CO₂ capture process. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 283-291.	1.5	5
14	Nitrosamines and nitramines in Carbon Capture plants. Ochrona Srodowiska I Zasobow Naturalnych, 2017, 28, 43-50.	0.3	5
15	Density correlation of carbonated amine solvents forCO2loading determination. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2248.	1.5	4
16	Simple method for determining CO2 loading of partially carbonated aqueous ammonia solutions using pH and density measurements. International Journal of Greenhouse Gas Control, 2019, 87, 80-88.	4.6	4
17	Laboratory Studies of Ammonia Emissions from the CO2 Capture Process Using Aqueous Ammonia from the Solvay Process. Polish Journal of Environmental Studies, 2019, 28, 2835-2843.	1.2	2
18	Degradation of Amine Solvents Used for Co2 Removal from Flue Gas with High Co₂ Concentration. Architecture Civil Engineering Environment, 2021, 14, 115-124.	0.6	1

#	Article	IF	Citations
19	Ditlenek wÄ™gla z instalacji absorpcji aminowej. Zalecenia dotyczÄ…ce jakoÅ›ci. Przemysl Chemiczny, 2020, 1, 40-44.	0.0	0