

Paula A L Teixeira

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

340
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of slagging and fouling tendency during biomass co-firing with coal in a fluidized bed. <i>Biomass and Bioenergy</i> , 2012, 39, 192-203.	5.7	160
2	Tailoring Synthetic Solâ€“Gel CaO Sorbents with High Reactivity or High Stability for Ca-Looping CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8484-8494.	3.7	24
3	Boosting Ni Dispersion on Zeolite-Supported Catalysts for CO ₂ Methanation: The Influence of the Impregnation Solvent. <i>Energy & Fuels</i> , 2020, 34, 14656-14666.	5.1	24
4	Enhancement of sintering resistance of CaO-based sorbents using industrial waste resources for Ca-looping in the cement industry. <i>Separation and Purification Technology</i> , 2020, 235, 116190.	7.9	23
5	Use of chemical fractionation to understand partitioning of biomass ash constituents during co-firing in fluidized bed combustion. <i>Fuel</i> , 2012, 101, 215-227.	6.4	21
6	Modeling the deactivation of CaO-based sorbents during multiple Ca-looping cycles for CO ₂ post-combustion capture. <i>Computers and Chemical Engineering</i> , 2020, 134, 106679.	3.8	16
7	Hydrogen Production with In Situ CO ₂ Capture at High and Medium Temperatures Using Solid Sorbents. <i>Energies</i> , 2022, 15, 4039.	3.1	15
8	Blending Wastes of Marble Powder and Dolomite Sorbents for Calcium-Looping CO ₂ Capture under Realistic Industrial Calcination Conditions. <i>Materials</i> , 2021, 14, 4379.	2.9	13
9	Improved performance of modified CaO-Al ₂ O ₃ based pellets for CO ₂ capture under realistic Ca-looping conditions. <i>Journal of CO₂ Utilization</i> , 2022, 61, 102007.	6.8	13
10	Slagging and Fouling during Coal and Biomass Cofiring: Chemical Equilibrium Model Applied to FBC. <i>Energy & Fuels</i> , 2014, 28, 697-713.	5.1	12
11	Optimization and validation by SPE-CGC-MSD of the analysis of tributyltin in environmental samples. <i>Journal of Separation Science</i> , 2001, 13, 48-53.	1.0	10
12	Uncertainty estimation to evaluate mass balances on a combustion system. <i>Accreditation and Quality Assurance</i> , 2012, 17, 159-166.	0.8	4
13	Evaluation of acid matrix effects in the determination of major elements in biomass by atomic absorption spectrometry from an environmentally friendly point of view. <i>Accreditation and Quality Assurance</i> , 2015, 20, 67-74.	0.8	2
14	Alkali and Alkali-Earth Metals Incorporation to Ni/USY Catalysts for CO ₂ Methanation: The Effect of the Metal Nature. <i>Processes</i> , 2021, 9, 1846.	2.8	2
15	Modelling Full Cycles of Carbonation-Calcination for Calcium Looping Process Simulation. <i>Computer Aided Chemical Engineering</i> , 2019, , 1009-1014.	0.5	1