RaÃºl PÃ©rez-Vega

List of Publications by Year
in descending order

10 papers	385 citations	1039880 9 h-index	1372474 10 g-index
10 all docs	10 docs citations	10 times ranked	260 citing authors

#	Article	IF	Citations
1	Novel magnetic manganese-iron materials for separation of solids used in high-temperature processes: Application to oxygen carriers for chemical looping combustion. Fuel, 2022, 320, 123901.	3.4	10
2	Investigations on the Effect of Pre-Treatment of Wheat Straw on Ash-Related Issues in Chemical Looping Gasification (CLG) in Comparison with Woody Biomass. Energies, 2022, 15, 3422.	1.6	11
3	Coal combustion via Chemical Looping assisted by Oxygen Uncoupling with a manganeseâ€iron mixed oxide doped with titanium. Fuel Processing Technology, 2020, 197, 106184.	3.7	33
4	Novel Application of Pretreatment and Diagnostic Method Using Dynamic Pressure Fluctuations to Resolve and Detect Issues Related to Biogenic Residue Ash in Chemical Looping Gasification. Processes, 2020, 8, 1137.	1.3	20
5	Improving the efficiency of Chemical Looping Combustion with coal by using ring-type internals in the fuel reactor. Fuel, 2019, 250, 8-16.	3.4	11
6	Chemical Looping Combustion of gaseous and solid fuels with manganese-iron mixed oxide as oxygen carrier. Energy Conversion and Management, 2018, 159, 221-231.	4.4	61
7	Coal combustion in a 50kWth Chemical Looping Combustion unit: Seeking operating conditions to maximize CO2 capture and combustion efficiency. International Journal of Greenhouse Gas Control, 2016, 50, 80-92.	2.3	69
8	Sulphur, nitrogen and mercury emissions from coal combustion with CO2 capture in chemical looping with oxygen uncoupling (CLOU). International Journal of Greenhouse Gas Control, 2016, 46, 28-38.	2.3	55
9	Design and operation of a 50 kWth Chemical Looping Combustion (CLC) unit for solid fuels. Applied Energy, 2015, 157, 295-303.	5.1	85
10	Design and Operation of a Coal-fired 50 kWth Chemical Looping Combustor. Energy Procedia, 2014, 63, 63-72.	1.8	30