

Ning Ding

List of Publications by Year in descending order

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papers

603
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687363

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citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Performance of CaO/La ₂ O ₃ Sorbents during Calcium Looping Cycles for CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 11778-11784.	3.7	156
2	Wet mixing combustion synthesis of CaO-based sorbents for high temperature cyclic CO ₂ capture. <i>Chemical Engineering Journal</i> , 2015, 267, 111-116.	12.7	75
3	Enhanced cyclic stability of CO ₂ adsorption capacity of CaO-based sorbents using La ₂ O ₃ or Ca ₁₂ Al ₁₄ O ₃₃ as additives. <i>Korean Journal of Chemical Engineering</i> , 2011, 28, 1042-1046.	2.7	67
4	Effect of Support Material on Carbonation and Sulfation of Synthetic CaO-Based Sorbents in Calcium Looping Cycle. <i>Energy & Fuels</i> , 2013, 27, 4824-4831.	5.1	59
5	Development and performance of binder-supported CaSO ₄ oxygen carriers for chemical looping combustion. <i>Chemical Engineering Journal</i> , 2011, 171, 1018-1026.	12.7	34
6	Chemical Looping Combustion of a Typical Lignite with a CaSO ₄ –CuO Mixed Oxygen Carrier. <i>Energy & Fuels</i> , 2017, 31, 13942-13954.	5.1	33
7	Effect of hematite addition to CaSO ₄ oxygen carrier in chemical looping combustion of coal char. <i>RSC Advances</i> , 2015, 5, 56362-56376.	3.6	32
8	Experimental and theoretical investigations on the flow resistance reduction and slip flow in super-hydrophobic micro tubes. <i>Experimental Thermal and Fluid Science</i> , 2015, 69, 45-57.	2.7	31
9	Effect of A/B-site substitution on oxygen production performance of strontium cobalt based perovskites for CO ₂ capture application. <i>RSC Advances</i> , 2015, 5, 39785-39790.	3.6	27
10	Effect of Sulfation during Oxy-Fuel Calcination Stage in Calcium Looping on CO ₂ Capture Performance of CaO-Based Sorbents. <i>Energy & Fuels</i> , 2013, 27, 1008-1014.	5.1	19
11	Investigation into compound CaSO ₄ oxygen carrier for chemical-looping combustion. <i>Journal of Fuel Chemistry and Technology</i> , 2011, 39, 161-168.	2.0	17
12	Chemical Looping Combustion Characteristics of Coal with a Novel CaSO ₄ –Ca ₂ CuO ₃ Mixed Oxygen Carrier. <i>Energy & Fuels</i> , 2020, 34, 7316-7328.	5.1	16
13	Chemical looping combustion characteristics of coal with Fe ₂ O ₃ oxygen carrier. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 17-27.	3.6	13
14	The impact of contact angle on flow resistance reduction in hydrophobic micro pin fins. <i>Experimental Thermal and Fluid Science</i> , 2016, 77, 197-211.	2.7	8
15	Effect of Ternary Eutectic Salt on the Calcium Sulfate Oxygen Carrier for Chemical Looping Combustion of Coal Char. <i>Energy Technology</i> , 2017, 5, 469-480.	3.8	6
16	Study on the performance of the purified CaSO ₄ oxygen carrier derived from wet flue gas desulfurization slag in coal chemical looping combustion. <i>Journal of Fuel Chemistry and Technology</i> , 2020, 48, 908-919.	2.0	5
17	Effect of Lime Addition to CaSO ₄ Oxygen Carrier in Chemical Looping Combustion. <i>Brazilian Journal of Chemical Engineering</i> , 2018, 35, 155-168.	1.3	3
18	Reaction characteristics investigation of CeO ₂ -enhanced CaSO ₄ oxygen carrier with lignite. <i>Chinese Journal of Chemical Engineering</i> , 2022, 42, 319-328.	3.5	2

#	ARTICLE	IF	CITATIONS
19	Calcium Looping Technology Using Improved Stability Nanostructured Sorbent for Cyclic CO ₂ Capture. , 2013, , 1171-1176.		0
20	Development of Binder-Supported CaSO ₄ Oxygen Carriers for Chemical Looping Combustion of Methane. , 2013, , 1311-1319.		0
21	Different Sorbents in Calcium Looping Cycle for CO ₂ Capture. , 2013, , 1053-1057.		0