

Ning Ding

List of Publications by Year in descending order

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21
papers

603
citations

687363

13
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all docs

21
docs citations

21
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Reaction characteristics investigation of CeO ₂ -enhanced CaSO ₄ oxygen carrier with lignite. Chinese Journal of Chemical Engineering, 2022, 42, 319-328.	3.5	2
2	Study on the performance of the purified CaSO ₄ oxygen carrier derived from wet flue gas desulfurization slag in coal chemical looping combustion. Journal of Fuel Chemistry and Technology, 2020, 48, 908-919.	2.0	5
3	Chemical Looping Combustion Characteristics of Coal with a Novel CaSO ₄ •Ca ₂ CuO ₃ Mixed Oxygen Carrier. Energy & Fuels, 2020, 34, 7316-7328.	5.1	16
4	Chemical looping combustion characteristics of coal with Fe ₂ O ₃ oxygen carrier. Journal of Thermal Analysis and Calorimetry, 2018, 132, 17-27.	3.6	13
5	Effect of Lime Addition to CaSO ₄ Oxygen Carrier in Chemical Looping Combustion. Brazilian Journal of Chemical Engineering, 2018, 35, 155-168.	1.3	3
6	Chemical Looping Combustion of a Typical Lignite with a CaSO ₄ •CuO Mixed Oxygen Carrier. Energy & Fuels, 2017, 31, 13942-13954.	5.1	33
7	Effect of Ternary Eutectic Salt on the Calcium Sulfate Oxygen Carrier for Chemical Looping Combustion of Coal Char. Energy Technology, 2017, 5, 469-480.	3.8	6
8	The impact of contact angle on flow resistance reduction in hydrophobic micro pin fins. Experimental Thermal and Fluid Science, 2016, 77, 197-211.	2.7	8
9	Wet mixing combustion synthesis of CaO-based sorbents for high temperature cyclic CO ₂ capture. Chemical Engineering Journal, 2015, 267, 111-116.	12.7	75
10	Effect of A/B-site substitution on oxygen production performance of strontium cobalt based perovskites for CO ₂ capture application. RSC Advances, 2015, 5, 39785-39790.	3.6	27
11	Experimental and theoretical investigations on the flow resistance reduction and slip flow in super-hydrophobic micro tubes. Experimental Thermal and Fluid Science, 2015, 69, 45-57.	2.7	31
12	Effect of hematite addition to CaSO ₄ oxygen carrier in chemical looping combustion of coal char. RSC Advances, 2015, 5, 56362-56376.	3.6	32
13	Effect of Sulfation during Oxy-Fuel Calcination Stage in Calcium Looping on CO ₂ Capture Performance of CaO-Based Sorbents. Energy & Fuels, 2013, 27, 1008-1014.	5.1	19
14	Calcium Looping Technology Using Improved Stability Nanostructured Sorbent for Cyclic CO ₂ Capture. , 2013, , 1171-1176.		0
15	Effect of Support Material on Carbonation and Sulfation of Synthetic CaO-Based Sorbents in Calcium Looping Cycle. Energy & Fuels, 2013, 27, 4824-4831.	5.1	59
16	Development of Binder-Supported CaSO ₄ Oxygen Carriers for Chemical Looping Combustion of Methane. , 2013, , 1311-1319.		0
17	Different Sorbents in Calcium Looping Cycle for CO ₂ Capture. , 2013, , 1053-1057.		0
18	Development and performance of binder-supported CaSO ₄ oxygen carriers for chemical looping combustion. Chemical Engineering Journal, 2011, 171, 1018-1026.	12.7	34

#	ARTICLE	IF	CITATIONS
19	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. Korean Journal of Chemical Engineering, 2011, 28, 1042-1046.	2.7	67
20	Investigation into compound CaSO ₄ oxygen carrier for chemical-looping combustion. Journal of Fuel Chemistry and Technology, 2011, 39, 161-168.	2.0	17
21	Development and Performance of CaO/La ₂ O ₃ Sorbents during Calcium Looping Cycles for CO ₂ Capture. Industrial & Engineering Chemistry Research, 2010, 49, 11778-11784.	3.7	156