

# Yewen Tan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3828099/publications.pdf>

Version: 2024-02-01

25  
papers

1,631  
citations

331538

21  
h-index

610775

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combustion characteristics of coal in a mixture of oxygen and recycled flue gas. <i>Fuel</i> , 2006, 85, 507-512.	3.4	352
2	Emissions of SO <sub>2</sub> and NO <sub>x</sub> during Oxy-Fuel CFB Combustion Tests in a Mini-Circulating Fluidized Bed Combustion Reactor. <i>Energy &amp; Fuels</i> , 2010, 24, 910-915.	2.5	141
3	Experimental Study of Oxy-Fuel Combustion and Sulfur Capture in a Mini-CFBC. <i>Energy &amp; Fuels</i> , 2007, 21, 3160-3164.	2.5	124
4	Experiences and results on a 0.8MWth oxy-fuel operation pilot-scale circulating fluidized bed. <i>Applied Energy</i> , 2012, 92, 343-347.	5.1	109
5	CO <sub>2</sub> capture using oxygen enhanced combustion strategies for natural gas power plants. <i>Fuel</i> , 2002, 81, 1007-1016.	3.4	106
6	Acetylene Oxidation in a JSR From 1 to 10 Atm and Comprehensive Kinetic Modeling. <i>Combustion Science and Technology</i> , 1994, 102, 21-55.	1.2	102
7	Carbonation of fly ash in oxy-fuel CFB combustion. <i>Fuel</i> , 2008, 87, 1108-1114.	3.4	85
8	Characterization of ashes from a 100kWth pilot-scale circulating fluidized bed with oxy-fuel combustion. <i>Applied Energy</i> , 2011, 88, 2940-2948.	5.1	79
9	Mercury removal from coal combustion by Fenton reactions – Part A: Bench-scale tests. <i>Fuel</i> , 2007, 86, 2789-2797.	3.4	59
10	An investigation of mercury distribution and speciation during coal combustion. <i>Fuel</i> , 2004, 83, 2229-2236.	3.4	54
11	Commissioning of a 0.8MWth CFBC for oxy-fuel combustion. <i>International Journal of Greenhouse Gas Control</i> , 2012, 7, 240-243.	2.3	54
12	The effect of water on the sulphation of limestone. <i>Fuel</i> , 2010, 89, 2628-2632.	3.4	46
13	Sintering of Limestone in Calcination/Carbonation Cycles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 16235-16244.	1.8	43
14	Some Combustion Characteristics of Biomass and Coal Cofiring under Oxy-Fuel Conditions in a Pilot-Scale Circulating Fluidized Combustor. <i>Energy &amp; Fuels</i> , 2013, 27, 7000-7007.	2.5	39
15	Natural gas and blends oxidation and ignition: Experiments and modeling. <i>Proceedings of the Combustion Institute</i> , 1994, 25, 1563-1569.	0.3	38
16	Mercury removal from coal combustion by Fenton reactions. Paper B: Pilot-scale tests. <i>Fuel</i> , 2007, 86, 2798-2805.	3.4	33
17	Pressurized chemical looping combustion with CO: Reduction reactivity and oxygen-transport capacity of ilmenite ore. <i>Applied Energy</i> , 2016, 184, 132-139.	5.1	29
18	Effect of water vapor on the pore structure and sulfation of CaO. <i>Fuel</i> , 2014, 130, 60-65.	3.4	27

#	ARTICLE	IF	CITATIONS
19	Reduction Kinetics of Ilmenite Ore as an Oxygen Carrier for Pressurized Chemical Looping Combustion of Methane. <i>Energy &amp; Fuels</i> , 2017, 31, 7598-7605.	2.5	27
20	Simultaneous calcination and sulfation of limestone in CFBB. <i>Applied Energy</i> , 2015, 155, 478-484.	5.1	26
21	Influence of Water Vapor on the Direct Sulfation of Limestone under Simulated Oxy-fuel Fluidized-Bed Combustion (FBC) Conditions. <i>Energy &amp; Fuels</i> , 2011, 25, 617-623.	2.5	24
22	Reduction Kinetics of Ilmenite Ore for Pressurized Chemical Looping Combustion of Simulated Natural Gas. <i>Energy &amp; Fuels</i> , 2017, 31, 14201-14210.	2.5	16
23	Effects of H <sub>2</sub> S on the Reactivity of Ilmenite Ore as Chemical Looping Combustion Oxygen Carrier with Methane as Fuel. <i>Energy &amp; Fuels</i> , 2019, 33, 585-594.	2.5	16
24	Effect of Sulfur on the Reduction of Ilmenite by Syngas in Chemical Looping Combustion. <i>ACS Omega</i> , 2020, 5, 9674-9683.	1.6	2
25	Carbonation of Fly Ash in Oxy-fuel CFB Combustion. , 2007, , 799-804.		0