

# Augustine Quek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4666729/publications.pdf>

Version: 2024-02-01

15  
papers

1,736  
citations

759055

12  
h-index

940416

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of solid biochar fuel from waste biomass by hydrothermal carbonization. <i>Fuel</i> , 2013, 103, 943-949.	3.4	611
2	Liquefaction of waste tires by pyrolysis for oil and chemicals—A review. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 101, 1-16.	2.6	228
3	Preparation and characterization of fuel pellets from woody biomass, agro-residues and their corresponding hydrochars. <i>Applied Energy</i> , 2014, 113, 1315-1322.	5.1	228
4	Thermogravimetric investigation of hydrochar-lignite co-combustion. <i>Bioresource Technology</i> , 2012, 123, 646-652.	4.8	151
5	Hydrothermal Carbonization of Macroalgae and the Effects of Experimental Parameters on the Properties of Hydrochars. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1092-1101.	3.2	133
6	TGA—FTIR investigation of co-combustion characteristics of blends of hydrothermally carbonized oil palm biomass (EFB) and coal. <i>Fuel Processing Technology</i> , 2014, 118, 228-234.	3.7	118
7	Mathematical modeling of rubber tire pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 95, 1-13.	2.6	69
8	An algorithm for the kinetics of tire pyrolysis under different heating rates. <i>Journal of Hazardous Materials</i> , 2009, 166, 126-132.	6.5	50
9	A study of nitrogen conversion and polycyclic aromatic hydrocarbon (PAH) emissions during hydrochar—lignite co-pyrolysis. <i>Applied Energy</i> , 2013, 108, 74-81.	5.1	34
10	Low-Energy and Chemical-Free Activation of Pyrolytic Tire Char and Its Adsorption Characteristics. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, 747-756.	0.9	27
11	Preparation and characterization of low energy post-pyrolysis oxygenated tire char. <i>Chemical Engineering Journal</i> , 2011, 170, 194-201.	6.6	27
12	Life Cycle Assessment of Energy and Energy Carriers from Waste Matter — A Review. <i>Journal of Cleaner Production</i> , 2014, 79, 18-31.	4.6	26
13	Removal of copper by oxygenated pyrolytic tire char: Kinetics and mechanistic insights. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 203-210.	5.0	11
14	Mechanistic Insights into Copper Removal by Pyrolytic Tire Char through Equilibrium Studies. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 4528-4534.	1.8	7
15	Methylene Blue Sorption onto Oxygenated Pyrolytic Tire Char: Equilibrium and Kinetic Studies. <i>Journal of Environmental Engineering, ASCE</i> , 2011, 137, 833-841.	0.7	7