

# Anthony De Girolamo

## List of Publications by Year in descending order

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15  
papers

416  
citations

840119

11  
h-index

996533

15  
g-index

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15  
docs citations

15  
times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of biomass blends on the particle temperature and burnout characteristics during oxy-fuel co-combustion of coal. <i>Journal of the Energy Institute</i> , 2020, 93, 1-14.	2.7	24
2	Secondary reactions of volatiles upon the influences of particle temperature discrepancy and gas environment during the pyrolysis of scrap tyre chips. <i>Fuel</i> , 2020, 259, 116291.	3.4	14
3	Co-Gasification of Treated Solid Recovered Fuel Residue by Using Minerals Bed and Biomass Waste Blends. <i>Energies</i> , 2020, 13, 2081.	1.6	10
4	Catalytic performance of scrap tyre char for the upgrading of eucalyptus pyrolysis derived bio-oil via cracking and deoxygenation. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 167-176.	2.6	44
5	Pyrohydrolysis of $\text{CaCl}_2$ Waste for the Recovery of HCl Acid upon the Synergistic Effects from $\text{MgCl}_2$ and Silica. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3349-3355.	3.2	10
6	Energy Evaluation and Techno-economic Analysis of Low-Rank Coal (Victorian Brown Coal) Utilization for the Production of Multi-products in a Drying&Pyrolysis Process. <i>Energy &amp; Fuels</i> , 2018, 32, 3211-3224.	2.5	22
7	Scrap tyre pyrolysis: Modified chemical percolation devolatilization (M-CPD) to describe the influence of pyrolysis conditions on product yields. <i>Waste Management</i> , 2018, 76, 516-527.	3.7	26
8	Pyrolysis of a lignite briquette – Experimental investigation and 1-dimensional modelling approach. <i>Fuel</i> , 2018, 212, 533-545.	3.4	11
9	Ignitability and combustibility of Yallourn pyrolysis char under simulated blast furnace conditions. <i>Fuel Processing Technology</i> , 2017, 156, 113-123.	3.7	14
10	Ignitability and Combustibility of Yallourn Pyrolysis Char Blended with Pulverized Coal Injection Coal under Simulated Blast Furnace Conditions. <i>Energy &amp; Fuels</i> , 2016, 30, 1858-1868.	2.5	15
11	Inhibition of lignite ash slagging and fouling upon the use of a silica-based additive in an industrial pulverised coal-fired boiler. Part 1. Changes on the properties of ash deposits along the furnace. <i>Fuel</i> , 2015, 139, 720-732.	3.4	95
12	Inhibition of lignite ash slagging and fouling upon the use of a silica-based additive in an industrial pulverised coal-fired boiler: Part 3 – Partitioning of trace elements. <i>Fuel</i> , 2015, 139, 746-756.	3.4	17
13	Inhibition of lignite ash slagging and fouling upon the use of a silica-based additive in an industrial pulverised coal-fired boiler: Part 2. Speciation of iron in ash deposits and separation of magnetite and ferrite. <i>Fuel</i> , 2015, 139, 733-745.	3.4	35
14	Emission of Organically Bound Elements during the Pyrolysis and Char Oxidation of Lignites in Air and Oxyfuel Combustion Mode. <i>Energy &amp; Fuels</i> , 2014, 28, 4167-4176.	2.5	9
15	Characteristics of Ash Deposits in a Pulverized Lignite Coal-Fired Boiler and the Mass Flow of Major Ash-Forming Inorganic Elements. <i>Energy &amp; Fuels</i> , 2013, 27, 6198-6211.	2.5	70