

Nanta Sophonrat

List of Publications by Year in descending order

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papers

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docs citations

9
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344
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-pyrolysis of Mixed Plastics and Cellulose: An Interaction Study by Py-GC/MS. Energy & Fuels, 2017, 31, 11078-11090.	5.1	66
2	Stepwise pyrolysis of mixed plastics and paper for separation of oxygenated and hydrocarbon condensates. Applied Energy, 2018, 229, 314-325.	10.1	61
3	Ex Situ Catalytic Pyrolysis of a Mixture of Polyvinyl Chloride and Cellulose Using Calcium Oxide for HCl Adsorption and Catalytic Reforming of the Pyrolysis Products. Industrial & Engineering Chemistry Research, 2019, 58, 13960-13970.	3.7	38
4	Evolution of sulfur during fast pyrolysis of sulfonated Kraft lignin. Journal of Analytical and Applied Pyrolysis, 2018, 133, 162-168.	5.5	35
5	Characterization of lignin at pre-pyrolysis temperature to investigate its melting problem. Fuel, 2019, 235, 1061-1069.	6.4	35
6	Investigation on the low-temperature pyrolysis of automotive shredder residue (ASR) for energy recovery and metal recycling. Waste Management, 2018, 76, 507-515.	7.4	23
7	Mechanisms of Formation of H ₂ , HO, and Water and of Water Desorption in the Early Stages of Cellulose Pyrolysis. Journal of Physical Chemistry C, 2018, 122, 12168-12176.	3.1	16
8	Creating Values from Biomass Pyrolysis in Sweden: Co-Production of H ₂ , Biocarbon and Bio-Oil. Processes, 2021, 9, 415.	2.8	11
9	Effect of mixing methods of polyethylene and cellulose on volatile products from its co-pyrolysis. Energy Procedia, 2017, 142, 315-320.	1.8	8