

# Xing Xie

## List of Publications by Year in descending order

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docs citations

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288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fundamental Advances in Biomass Autothermal/Oxidative Pyrolysis: A Review. ACS Sustainable Chemistry and Engineering, 2020, 8, 11888-11905.	6.7	111
2	Impacts of chemical fractionation on Zhundong coal's chemical structure and pyrolysis reactivity. Fuel Processing Technology, 2017, 155, 144-152.	7.2	77
3	Investigation of the relationship between infrared structure and pyrolysis reactivity of coals with different ranks. Fuel, 2018, 216, 521-530.	6.4	76
4	Influence of different state alkali and alkaline earth metal on chemical structure of Zhundong coal char pyrolyzed at elevated pressures. Fuel, 2019, 254, 115691.	6.4	38
5	Changes in Biochar Functional Groups and Its Reactivity after Volatile-Char Interactions during Biomass Pyrolysis. Energy & Fuels, 2020, 34, 14291-14299.	5.1	36
6	Influence of pyrolysis pressure on structure and combustion reactivity of Zhundong demineralized coal char. Journal of the Energy Institute, 2020, 93, 1798-1808.	5.3	20
7	Chemical structure and pyrolysis characteristics of demineralized Zhundong Coal. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 282-287.	2.3	14
8	Physicochemical structure characteristics and intrinsic reactivity of demineralized coal char rapidly pyrolyzed at elevated pressure. Journal of the Energy Institute, 2020, 93, 1064-1073.	5.3	12