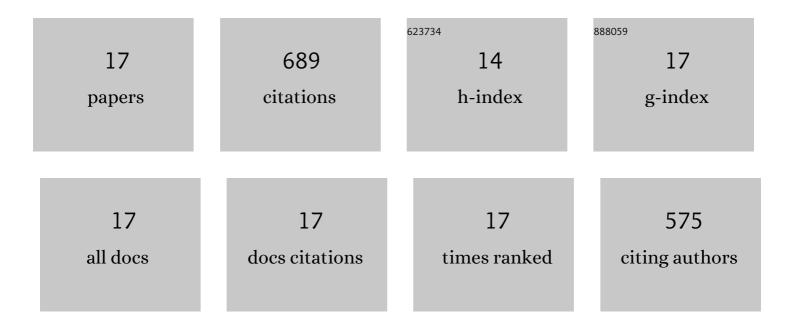


List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Hydrothermal carbonization of rape straw: Effect of reaction parameters on hydrochar and migration of AAEMs. Chemosphere, 2022, 291, 132785.	8.2	26
2	Evaluating performance of pyrolysis and gasification processes of agriculture residues-derived hydrochar: Effect of hydrothermal carbonization. Journal of Cleaner Production, 2022, 338, 130578.	9.3	28
3	Insight into structural evolution and detailed non-isothermal kinetic analysis for coal pyrolysis. Energy, 2022, 244, 123101.	8.8	27
4	Soot formation during biomass gasification: A critical review. Renewable and Sustainable Energy Reviews, 2021, 139, 110710.	16.4	98
5	Reactivity prediction and mechanism analysis of raw and demineralized coal char gasification. Energy, 2021, 229, 120724.	8.8	14
6	Kinetics comparison and insight into structure-performance correlation for leached biochar gasification. Chemical Engineering Journal, 2021, 417, 129331.	12.7	44
7	Combining wet torrefaction and pyrolysis for woody biochar upgradation and structural modification. Energy Conversion and Management, 2021, 243, 114383.	9.2	22
8	Analysis of Coal Gasification Reactivity, Kinetics, and Mechanism with Iron-Based Catalyst from Coal Liquefaction. ACS Omega, 2021, 6, 1584-1592.	3.5	4
9	Utilization of biomass ash for upgrading petroleum coke gasification: Effect of soluble and insoluble components. Energy, 2020, 192, 116642.	8.8	65
10	Catalytic Effect of Biomass Leachate on High-Rank Coal Gasification and Char Structure Evolution. Energy & Fuels, 2020, 34, 10793-10800.	5.1	4
11	Characteristics of High-Carbon-Content Slag and Utilization for Coal-Water Slurry Preparation. Energy & Fuels, 2020, 34, 14058-14064.	5.1	17
12	Effect of ash removal on structure and pyrolysis/gasification reactivity of a Chinese bituminous coal. International Journal of Coal Science and Technology, 2020, 7, 444-455.	6.0	11
13	Effect of Partial Rapid Pyrolysis on Bituminous Properties: From Structure to Reactivity. Energy & Fuels, 2020, 34, 5476-5484.	5.1	23
14	CO2 gasification of char from raw and torrefied biomass: Reactivity, kinetics and mechanism analysis. Bioresource Technology, 2019, 293, 122087.	9.6	67
15	Effect of torrefaction on pinewood pyrolysis kinetics and thermal behavior using thermogravimetric analysis. Bioresource Technology, 2019, 280, 104-111.	9.6	155
16	Co-pyrolysis Behavior and Char Structure Evolution of Raw/Torrefied Rice Straw and Coal Blends. Energy & Fuels, 2018, 32, 12469-12476.	5.1	32
17	Co-gasification of bituminous coal and hydrochar derived from municipal solid waste: Reactivity and synergy. Bioresource Technology, 2017, 239, 482-489.	9.6	52