

Qing He

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

689
citations

623734

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888059

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17
all docs

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17
times ranked

575
citing authors

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