

Yanqin Huang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

783
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

989
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of metal catalysts on CO ₂ gasification reactivity of biomass char. <i>Biotechnology Advances</i> , 2009, 27, 568-572.	11.7	269
2	The transformation pathways of nitrogen in sewage sludge during hydrothermal treatment. <i>Bioresource Technology</i> , 2017, 245, 463-470.	9.6	167
3	Conversion of industrial biowastes to clean solid fuels via hydrothermal carbonization (HTC): Upgrading mechanism in relation to coalification process and combustion behavior. <i>Bioresource Technology</i> , 2018, 267, 17-29.	9.6	84
4	Denitrification and desulphurization of industrial biowastes via hydrothermal modification. <i>Bioresource Technology</i> , 2018, 254, 121-129.	9.6	78
5	Relevance between chemical structure and pyrolysis behavior of palm kernel shell lignin. <i>Science of the Total Environment</i> , 2018, 633, 785-795.	8.0	31
6	Release and Transformation Pathways of Various K Species during Thermal Conversion of Agricultural Straw. Part 1: Devolatilization Stage. <i>Energy & Fuels</i> , 2018, 32, 9605-9613.	5.1	27
7	Comparisons of Formation Characteristics of NO _x Precursors during Pyrolysis of Lignocellulosic Industrial Biomass Wastes. <i>Energy & Fuels</i> , 2017, 31, 9557-9567.	5.1	25
8	Relationship between physicochemical properties and dewaterability of hydrothermal sludge derived from different source. <i>Journal of Environmental Sciences</i> , 2018, 69, 261-270.	6.1	24
9	The effect of CuO modification for a TiO ₂ nanotube confined CeO ₂ catalyst on the catalytic combustion of butane. <i>Open Chemistry</i> , 2018, 16, 1-8.	1.9	16
10	Migration and speciation transformation of K and Cl caused by interaction of KCl with organics during devolatilization of KCl-loaded model biomass compounds. <i>Fuel</i> , 2020, 277, 118205.	6.4	16
11	Gasification Reactivity and Pore Structure Development: Effect of Intermittent Addition of Steam on Increasing Reactivity of PKS Biochar with CO ₂ . <i>Energy & Fuels</i> , 2017, 31, 2887-2895.	5.1	14
12	MnO ₂ Nanoparticles Confined in TiO ₂ Nanotubes for Catalytic Combustion of Butane. <i>ChemistrySelect</i> , 2017, 2, 4557-4560.	1.5	10
13	Removal of toluene as a biomass tar surrogate by combining catalysis with nonthermal plasma: understanding the processing stability of plasma catalysis. <i>Catalysis Science and Technology</i> , 2020, 10, 6953-6969.	4.1	10
14	Pd nanoparticles entrapped in TiO ₂ nanotubes for complete butane catalytic combustion at 130°C. <i>Environmental Chemistry Letters</i> , 2017, 15, 421-426.	16.2	7
15	Enhanced photoelectrocatalytic performance of heterostructured TiO ₂ -based nanoparticles decorated nanotubes. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	4
16	Synthesis, characterization and photocatalytic activity of TiO ₂ nanotube assembled hierarchical microspheres. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1733-1740.	1.6	1