

Lei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

96
citations

1307366
7
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1588896
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g-index

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all docs

8
docs citations

8
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen and syngas production from catalytic steam gasification of char derived from ion-exchangeable Na- and Ca-loaded coal. International Journal of Hydrogen Energy, 2018, 43, 12034-12048.	3.8	30
2	Investigation of Heterogeneous NO Reduction by Biomass Char and Coal Char Blends in a Microfluidized Bed Reaction Analyzer. Energy & Fuels, 2020, 34, 6317-6325.	2.5	13
3	Char structural evolution characteristics and its correlation with reactivity during the heterogeneous NO reduction in a micro fluidized bed reaction analyzer: The influence of reaction residence time. Fuel, 2021, 296, 120648.	3.4	11
4	Combined impacts of intrinsic alkali and alkaline earth metals and chemical structure on reactivity of low-rank coal char: New explanation for the role of water-soluble AAEMs during pyrolysis and gasification. Fuel, 2021, 305, 121405.	3.4	11
5	An experimental and computational study of OH formation in laminar coflow syngas diffusion flames. Fuel, 2018, 225, 47-53.	3.4	10
6	Flame attachment and kinetics studies of laminar coflow CO/H ₂ diffusion flames burning in O ₂ /H ₂ O. Combustion and Flame, 2018, 196, 147-159.	2.8	9
7	NO Reduction and Emission Characteristics of Coal/Char Mixtures in a Microfluidized Bed Reaction Analyzer. Energy & Fuels, 2019, 33, 276-286.	2.5	7
8	Char structural evolution characteristics and its correlation with reactivity during the heterogeneous NO reduction in a micro fluidized bed reaction analyzer: The influence of reaction atmosphere. Fuel, 2021, 303, 121173.	3.4	5