

Sajedah Jafarian

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

496
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Promotion of hydrogen-rich gas and phenolic-rich bio-oil production from green macroalgae <i>Cladophora glomerata</i> via pyrolysis over its bio-char. <i>Bioresource Technology</i> , 2016, 219, 643-651.	9.6	113
2	Hydrothermal gasification performance of <i>Enteromorpha intestinalis</i> as an algal biomass for hydrogen-rich gas production using Ru promoted Fe ³⁺ -Ni ²⁺ -Al ₂ O ₃ nanocatalysts. <i>Energy Conversion and Management</i> , 2017, 141, 63-71.	9.2	97
3	A comparative study on the quality of bioproducts derived from catalytic pyrolysis of green microalgae <i>Spirulina (Arthrospira) plantensis</i> over transition metals supported on HMS-ZSM5 composite. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 19902-19917.	7.1	50
4	Catalytic upgrading of bio-products derived from pyrolysis of red macroalgae <i>Gracilaria gracilis</i> with a promising novel micro/mesoporous catalyst. <i>Bioresource Technology</i> , 2017, 243, 1-8.	9.6	45
5	Investigating the influence of acid washing pretreatment and Zn/activated biochar catalyst on thermal conversion of <i>Cladophora glomerata</i> to value-added bio-products. <i>Energy Conversion and Management</i> , 2020, 225, 113392.	9.2	41
6	What is the best catalyst for biomass pyrolysis?. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 158, 105280.	5.5	38
7	Catalytic hydrotreating of pyro-oil derived from green microalgae <i>spirulina the (Arthrospira) plantensis</i> over NiMo catalysts impregnated over a novel hybrid support. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 19855-19867.	7.1	32
8	Steam reforming of bagasse to hydrogen and synthesis gas using ruthenium promoted Ni Fe ³⁺ Al ₂ O ₃ nano-catalysts. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 5505-5512.	7.1	30
9	Pyrolysis of marine biomass to produce bio-oil and its upgrading using a novel multi-metal catalyst prepared from the spent car catalytic converter. <i>Bioresource Technology</i> , 2018, 249, 473-478.	9.6	26
10	Hydrogen rich gas production via nano-catalytic pyrolysis of bagasse in a dual bed reactor. <i>Journal of Natural Gas Science and Engineering</i> , 2014, 19, 279-286.	4.4	24