Ji Zhang

List of Publications by Year
in descending order

16	549	687220 13	940416 16
papers	citations	h-index	g-index

16	16	16	593
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Biocrude from pretreated sorghum bagasse through catalytic hydrothermal liquefaction. Fuel, 2017, 188, 112-120.	3.4	100
2	Characterizing microbial communities dedicated for conversion of coal to methane in situ and ex situ. International Journal of Coal Geology, 2015, 146, 145-154.	1.9	65
3	Sophorolipid Production from Biomass Hydrolysates. Applied Biochemistry and Biotechnology, 2015, 175, 2246-2257.	1.4	45
4	Optimization of methane production from bituminous coal through biogasification. Applied Energy, 2016, 183, 31-42.	5.1	45
5	Finding cost-effective nutrient solutions and evaluating environmental conditions for biogasifying bituminous coal to methane ex situ. Applied Energy, 2016, 165, 559-568.	5.1	45
6	Evaluating approaches for sustaining methane production from coal through biogasification. Fuel, 2017, 202, 233-240.	3.4	32
7	A metaproteomic approach for identifying proteins in anaerobic bioreactors converting coal to methane. International Journal of Coal Geology, 2015, 146, 91-103.	1.9	31
8	Sweet sorghum bagasse and corn stover serving as substrates for producing sophorolipids. Journal of Industrial Microbiology and Biotechnology, 2017, 44, 353-362.	1.4	31
9	Generating biocrude from partially defatted Cryptococcus curvatus yeast residues through catalytic hydrothermal liquefaction. Applied Energy, 2018, 209, 435-444.	5.1	31
10	Lipid Production by Cryptococcus curvatus on Hydrolysates Derived from Corn Fiber and Sweet Sorghum Bagasse Following Dilute Acid Pretreatment. Applied Biochemistry and Biotechnology, 2014, 173, 2086-2098.	1.4	26
11	A formation water-based nutrient recipe for potentially increasing methane release from coal in situ. Fuel, 2017, 209, 498-508.	3.4	26
12	Changes in gas storage and transport properties of coal as a result of enhanced microbial methane generation. Fuel, 2016, 179, 114-123.	3.4	22
13	Single-chamber microbial electrochemical cell for CH₄production from CO₂utilizing a microbial consortium. International Journal of Energy Research, 2018, 42, 1308-1315.	2.2	15
14	Evaluation of methane release from coals from the San Juan basin and Powder River basin. Fuel, 2019, 244, 388-394.	3.4	14
15	Sustaining biogenic methane release from Illinois coal in a fermentor for one year. Fuel, 2018, 227, 27-34.	3.4	12
16	Development of a nutrient recipe for enhancing methane release from coal in the Illinois basin. International Journal of Coal Geology, 2018, 187, 11-19.	1.9	9