

Ji Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

549
citations

687220

13
h-index

940416

16
g-index

16
all docs

16
docs citations

16
times ranked

593
citing authors

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